Appendix B

Health Risk Assessment Memorandum

Kimley»Horn

MEMORANDUM

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Sophia La Herran, Kimley-Horn and Associates, Inc.
Date:	October 24, 2024
Subject:	1977 Saturn Data Center Project – Construction Health Risk Assessment

1.0 Purpose

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TAC) including Diesel Particulate Matter (DPM) resulting from the construction and operations of the 1977 Saturn Data Project (Project), proposed to be located in the City of Monterey Park (City), California. This HRA was prepared in accordance with the requirements of the South Coast Air Quality Management District (SCAQMD) and guidance from the Office of Environmental health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project.

2.0 Project Location and Description

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

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

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

Project construction is anticipated to occur as two phases, lasting approximately two years, beginning as early as September 2025 and ending as early as August 2027. For purposes of this environmental analysis, opening year is assumed to be 2027. Grading for the proposed improvements would require cut and fill

to create building pads. Project construction is estimated to require the export of approximately 65,000 cubic yards (cy) of soil material.

3.0 Regulatory Setting

Federal

Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health and included benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the general public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4

standards require that emissions of PM and oxides of nitrogen (NO_X) be further reduced by about 90 percent from Tier 3 standards. CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce NO_X and PM emissions from new, off-road compression-ignition (CI) engines, by an additional 50 percent to 90 percent, compared to what is allowed by today's Tier 4 final emission standards.

State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions. CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.[1] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[2] The DRRP includes regulations for cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce particulate matter (PM) and oxides of nitrogen (NO_X) emissions from existing diesel vehicles operating in California. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks

[1] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[2] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed February 20, 2024.

must be replaced starting January 1, 2015. Effective January 1, 2023, nearly all trucks and buses are required to have 2010 model year engines or equivalent.

The regulation applies to most privately and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero emission technology in the off-road sector. The 2022 Amendments will help meet the State's multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle and off-road idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CalEnviroScreen

OEHHA developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores. According to CalEnviroScreen, the Project Site and the nearest residences to the

north are located within Census Tract 6037482800, which is within the 75th percentile.[3] It should be noted that the CalEnviroScreen scores are relative to other census tracts and are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

Regional

South Coast Air Quality Management District

The California Clean Air Act (CCAA) provides the SCAQMD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways. As a State agency, CARB regulates motor vehicles and fuels for their emissions.

Air Toxics Control Plan

The Air Toxics Control Plan (March 2000, revised March 26, 2004) is a planning document designed to examine the overall direction of the SCAQMD's air toxics control program. It includes development and implementation of strategic initiatives to monitor and control air toxics emissions. Control strategies that are deemed viable and are within the SCAQMD's jurisdiction will each be brought to the SCAQMD Board for further consideration through the normal public review process. Strategies that are to be implemented by other agencies will be developed in a cooperative effort, and the progress will be reported back to the Board periodically.

[3] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (October 2021 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed March 2024.

Multiple Air Toxics Exposure Study

The SCAQMD conducted an in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California. The Multiple Air Toxics Exposure Study in the South Coast Air Basin (SoCAB) (MATES V) (August 2021) shows that carcinogenic risk from air toxics in the SoCAB, based on the average concentrations at the 10 monitoring sites, is approximately 40 percent lower than the monitored average in MATES IV and 84 percent lower than the average in MATES II.

MATES V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the SoCAB emissions. Therefore, MATES V study represents the baseline health risk for a cumulative analysis. MATES V estimates the average excess cancer risk level from exposure to TACs is 424 in one million basin wide. In comparison, the MATES IV basin average risk was 897 per million. These model estimates were based on monitoring data collected at ten fixed sites within the SoCAB. None of the fixed monitoring sites are near the Project Site. However, MATES V has extrapolated the excess cancer risk levels throughout the SoCAB by modeling the specific grids. MATES V modeling predicted an excess cancer risk of 549 in one million for the Project area.[4] DPM is included in this cancer risk along with all other TAC sources. DPM accounts for a majority of the total risk shown in MATES V in this area.

4.0 Health Risk Analysis

Health Risk Analysis Threshold

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

- **Cancer Risk:** Emit contaminants that equal or exceed the maximum individual cancer risk of 10 in one million.
- **Cancer Burden:** Emit contaminants that exceeds the cancer burden of 0.5 excess cancer cases (in areas that equal or exceed one in one million).
- **Non-Cancer Risk:** Emit contaminants that equal or exceed the maximum hazard index of 1.0.

Cancer risk is expressed in terms of expected incremental incidence per million population. As noted above, the SCAQMD has established an incremental increase rate of less than 10 in one million as the maximum acceptable incremental cancer risk due to TAC exposure. This risk would be in addition to any cancer risk borne by a person not exposed to these TACs. This threshold serves to determine whether or

[4] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?views=view_38%2Cview_1#data_s=id%3AdataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A282, accessed March 2024.

not a given project has a potentially significant development-specific and cumulative impact. To put this risk in perspective, the existing risk of contracting cancer from all airborne air toxics in the vicinity of the Project Site is 549 in a million which is 55 times more than the SCAQMD's threshold of 10 in one million.[5]

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

4.1 Potential Health Risk Impacts

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Diesel exhaust is composed of two phases, either gas or particulate – both contribute to the risk. The gas phase is composed of many of the urban TACs, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particulate phase has many different types that can be classified by size or composition. The sizes of diesel particulates of greatest health concern are fine and ultrafine particles. These particles may be composed of elemental carbon with adsorbed compounds such as organics, sulfates, nitrates, metals, and other trace elements. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As shown in **Figure 1: Sensitive Receptor Locations,** the Project Site boundary is approximately 65 feet from existing sensitive receptors (single-family residences). This report includes an analysis of DPM and was performed using the U.S. EPA-approved AERMOD model. See **Attachment A: AERMOD Modeling and Exposure Assumptions**.

[5] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?views=view_38%2Cview_1#data_s=id%3AdataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A282, accessed March 2024.

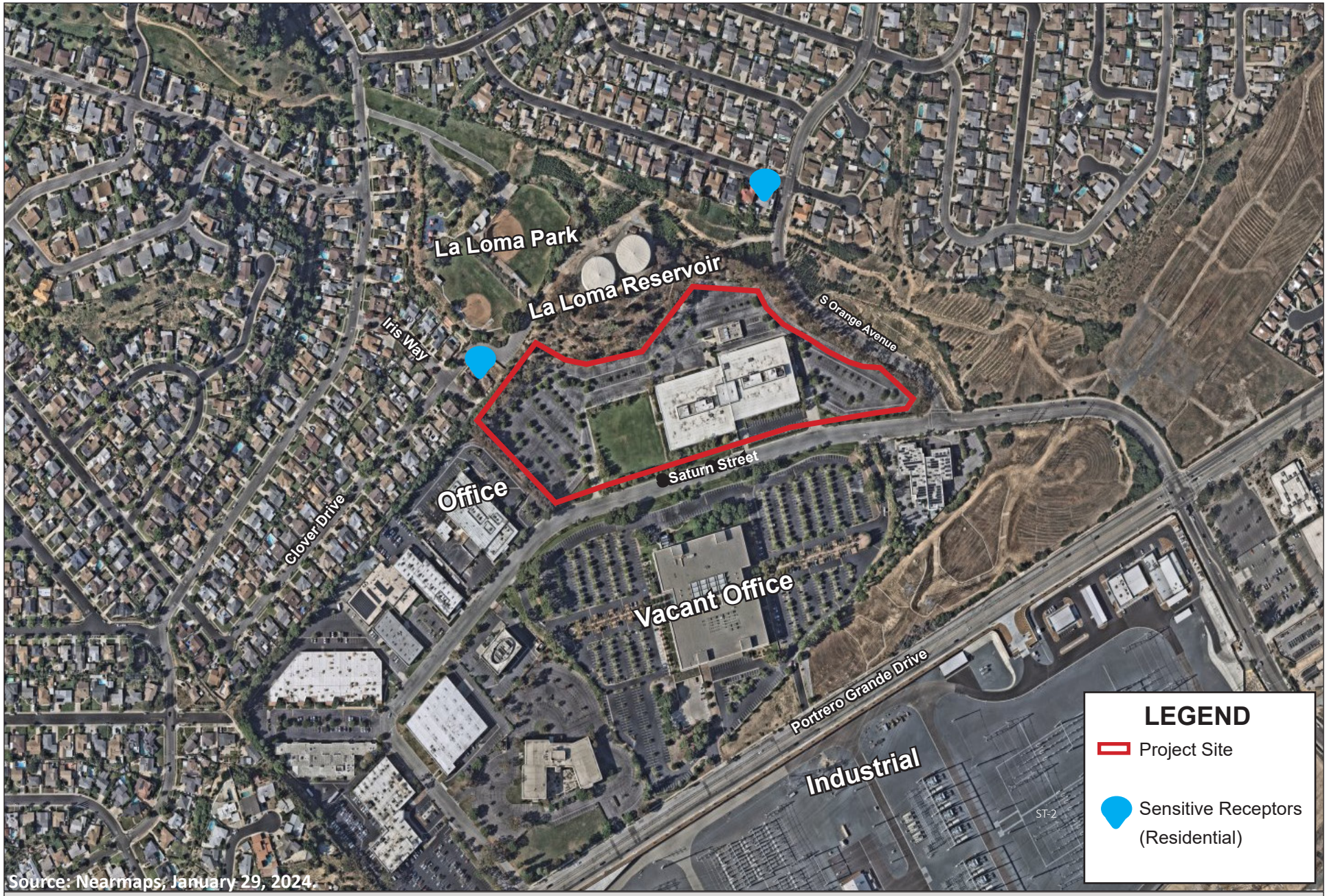

FIGURE 1: SENSITIVE RECEPTOR LOCATIONS
1977 Saturn Data Center Project

NOT TO SCALE

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Construction Carcinogenic Risk

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

Table 1: Construction Carcinogenic Risk Assessment shows the health risk for the construction of the Project. The analysis calculates risk based on exposure to construction concentrations during the entire two-year construction period.

Table 1: Construction Carcinogenic Risk Assessment

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

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

Source: Refer to Attachment B: Modeling Data.

As shown in **Table 1**, the construction risk at residential and worker receptors would be 2.49 in one million and 0.11 in one million, respectively. The incremental cancer risk would be less than those levels at distances further from the Project Site. As such, the maximum cancer risk would be far below the SCAQMD threshold of 10 in one million, and impacts associated with carcinogenic risk would therefore be less than significant.

Table 2: Population Construction Cancer Burden shows the population cancer burden for the construction of the Project.

Table 2: Population Construction Cancer Burden

Burden	Significance Threshold	Exceeds Significance Threshold?
0.0002	0.5	No

Source: Refer to Attachment B: Modeling Data.

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

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

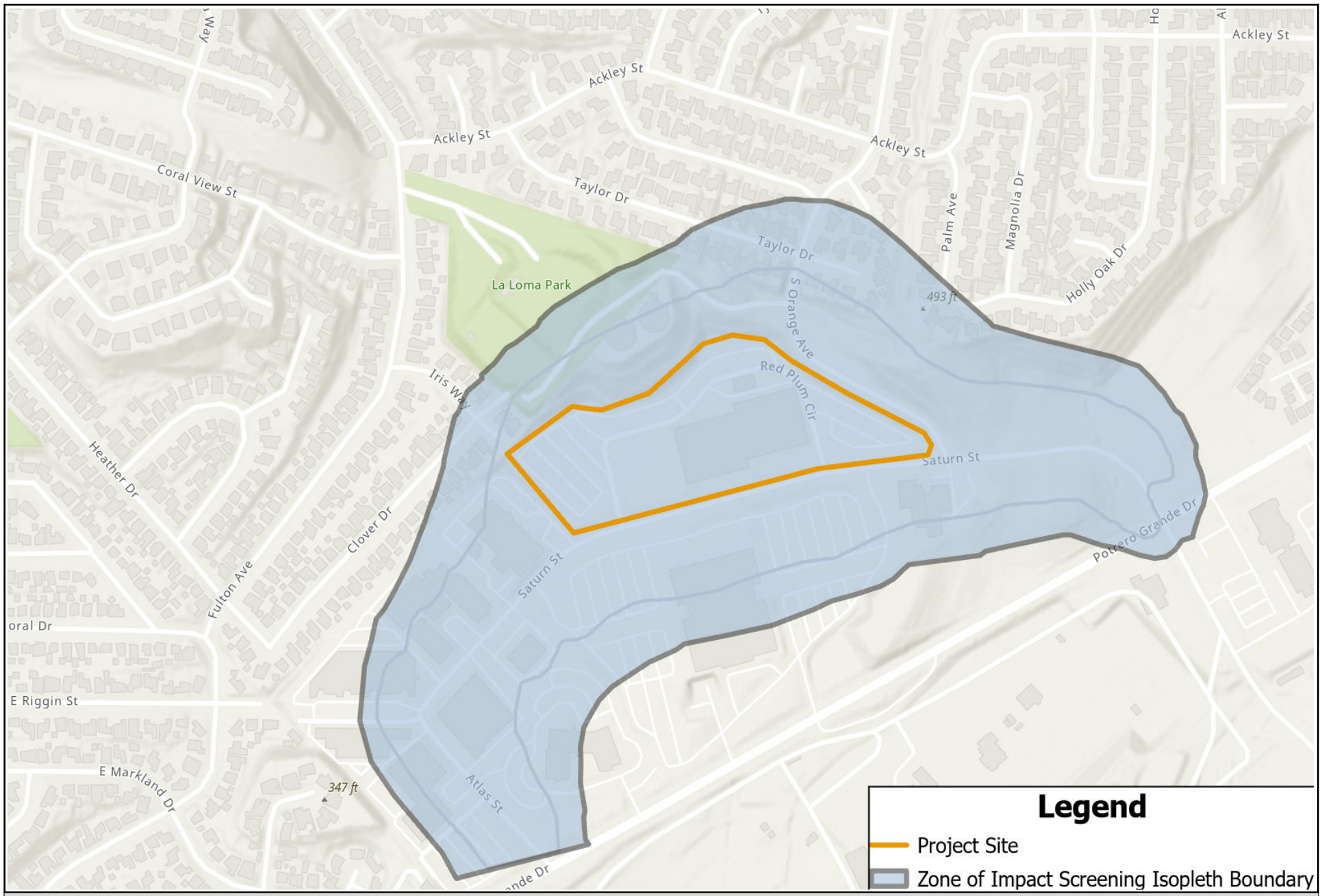

FIGURE 2: ZONE OF IMPACT SCREENING ISOPLETH MAP
1977 Saturn Data Center Project

NOT TO SCALE

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

Quantitatively, the total cancer burden is the product of the number of persons in a residential population area and the estimated individual risk. As shown in Table 2, total cancer burden would be 0.0002, which is far below the SCAQMD's 0.5 cancer burden threshold. In addition, this modeled exposure scenario is temporary and ceases upon construction completion. Therefore, community-wide exposure to TACs from the Project would not result in a cancer burden of 0.5 or greater, and impacts would be less than significant.

Construction Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. RELs are designed to protect sensitive individuals within the population. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[6]

Chronic non-carcinogenic impacts are shown in **Table 3: Construction Chronic Hazard Assessment**. A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. It should be noted that there is no acute REL for DPM and acute health risk cannot be calculated. The highest maximum chronic hazard index associated with DPM emissions from Project construction would be 0.0030 and 0.0021 at the residential and worker receptors, respectively. Therefore, construction non-carcinogenic hazard would not exceed the acceptable limits of 1.0 and impacts would be considered less than significant.

Table 3: Construction Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m³)[1]	Chronic Hazard
Residential Receptors	0.0150	0.0030
Worker Receptors	0.0150	0.0021
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**

1. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

Source: Refer to Attachment B: Modeling Data.

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

Operational Health Risk Analysis

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

The proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power. As discussed in the *1977 Saturn Data Project – Air Quality Analysis* (Kimley-Horn, April 2024), as part of the regulatory compliance process, the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions. An operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. DPM emissions and cancer risk associated with the proposed diesel generators would be analyzed within the required SCAQMD permit to ensure that associated emission levels remain less than significant.

Conclusion

As described above, impacts related to cancer risk would be less than significant. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. It should be noted that the impacts assess the Project's incremental contribution to health risk impacts, consistent with the SCAQMD guidance and methodology. The SCAQMD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The SCAQMD considers projects that do not exceed the project-specific thresholds to generally not be cumulatively significant.[7] Therefore, impacts related to health risk from the Project would be less than significant.

Mitigation Measure: No mitigation is required.

Level of Significance: Less Than Significant Impact.

[7] SCAQMD, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, August 2003.

5.0 References

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20. United States Environmental Protection Agency (U.S. EPA), *Exposure Factors Handbook: 2011 Edition*, September 2011.
21. U.S. EPA, *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

Attachment A

AERMOD Modeling and Exposure Assumptions

AERMOD Modeling and Exposure Assumptions

Meteorological Data. AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, atmospheric stability, and mixing height. The latest 5-year meteorological data set for the Pico Rivera Monitoring Station was obtained from the SCAQMD. Surface and upper air meteorological data from this station was selected as being the most representative for meteorology based on proximity to the Project site, as well as terrain, surrounding land uses, and surface characteristics.

Receptor Grid. To identify the maximum impacted sensitive receptors, a uniform Cartesian grid was placed over the sensitive receptors in the Project site's vicinity. According to the SCAQMD, a grid spacing of 50 meters or less must be used to identify the maximum impacted receptors (i.e., peak cancer risk and peak hazard indices).[1] Given the Project site's size, sensitive receptors were modeled with a maximum of 50-meter grid spacing.

Terrain Characteristics. As recommended by the SCAQMD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.

Averaging Times. AERMOD was run to obtain the unitized (i.e., 1 g/s) peak 1-hour and annual average (period) concentration in micrograms per cubic meter ($\mu g/m^3$) of PM_{10} at the nearby sensitive receptors. Estimated emissions were multiplied by the dispersion factors to obtain concentrations.

Project Sources.

Source Type	Represents	Release Height (m)[1]	Plume Height (m)[1]	Notes
Construction				
Line Volume	Hauling Trucks	3.4	6.8	-
Line Volume	On-site Construction Equipment	3.4	6.8	-

NA = not applicable
Sources:
1. U.S. EPA. 2012. *Haul Road Workgroup Final Report*. https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf, accessed April 2024.

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. It is important to note that exposure duration is based on continual heavy truck operation along nearby roadways. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Dose-air = dose through inhalation (mg/kg/day)
C_{air} = air concentration ($\mu g/m^3$) from air dispersion model
(DBR/BW) = daily breathing rate normalized to body weight (L/kg bodyweight-day)

[1] 18. South Coast Air Quality Management District, SCAQMD Modeling Guidance for AERMOD, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance.

A = inhalation absorption factor (unitless)
EF = exposure frequency (approximately 350 days per year for residential)
10^{-6} = conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends default ASFs presented in the Exposure Assumptions Table, below. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home. OEHHA recommends the FAH values presented in the table.

Exposure Assumptions

Scenario	Age	Exposure Frequency (days/year)	Exposure Duration (years)	Age Sensitivity Factor[1] (ASF)	Fraction of Time at Home (FAH)	Daily Breathing Rate (L/kg BW-day)[2]
Construction	**Residential**					
	Third trimester	350	0.25	10	85%	361
	0 to 2 years	350	1.75	10	85%	1,090
	Ages 2 through 8 years	350	7	3	72%	631
	Ages 9 through 15 years	350	0.5	3	72%	572
	Ages 16 and greater	350	0	1	73%	261
	Worker	250	9.5	1	N/A	230

1. Accounts for potential increased sensitivity to carcinogens during childhood.
2. Daily breathing rate normalized to body weight (L/kg body weight - day) (95th percentile for 3rd trimester to 2 years and 80th percentile for other age groups). Worker breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}r} = (Dose_{air} * CPF * ASF * (ED/AT) * FAH)$$

$Risk_{inh\text{-}res}$ = residential inhalation cancer risk (potential chances per million)
$Dose_{air}$ = daily dose through inhalation (mg/kg-day)
CPF = inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF = age sensitivity factor for a specified age group (unitless)
ED = exposure duration (years)
AT = averaging time of lifetime cancer risk (years)
FAH = fraction of time spent at home (unitless)

Chronic Non-Cancer Hazard. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. For example, according to OEHHA, the chronic REL for DPM is

5 and the target organ is the respiratory system.[2] The following equation was used to determine the non-cancer risk:

$$\text{Hazard Index} = C_i/REL_i$$

C_i = concentration in the air of substance i (annual average concentration in $\mu g/m^3$)
REL_i = chronic noncancer Reference Exposure Level for substance ($\mu g/m^3$)

Health Risk Computation. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015) and the daily breathing rates, age sensitivity factors, exposure duration, and fraction of time at home. Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer health risk to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the diesel trucks accessing the proposed Project. The cancer and chronic health risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM). As noted above, the chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual (2015). The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the Project was assessed.

[2] California Office of Health Hazard Assessment, OEHHA Acute, *8-hour and Chronic Reference Exposure Level (REL) Summary*, 2020. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary)

Attachment B

Modeling Results

CONSTRUCTION

	2025		Days	Vendor	Hauling	Vendor	Hauling
Demo	9/1/2025	10/30/2025	44	0	56	0	2464
Site Prep	10/31/2025	12/3/2025	24	0	0	0	0
Grading	12/4/2025	12/31/2025	20	0	406	0	8120
	2026						
Building Phase I	1/1/2026	8/1/2026	152	40	0	6080	0
Paving	8/2/2026	8/31/2026	21	0	0	0	0
Building Phase II	9/1/2026	12/31/2026	88	40	0	3520	0
	2027						
Building Phase II	1/1/2027	7/31/2027	151	40	0	6040	0
Arch Coating	6/1/2027	8/31/2027	66	0	0	0	0

On-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	2.02E-02
2025	Site Prep	1.64E-02
2025	Grading	7.22E-03
	Total 2025	**4.38E-02**
2026	Building Phase I	2.88E-02
2026	Paving	3.36E-03
2026	Building Phase II	8.48E-03
	Total 2026	**4.06E-02**
2027	Building Phase II	1.26E-02
2027	Arch Coating	6.29E-04
	Total 2027	**1.32E-02**

Off-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	1.09E-03
2025	Site Prep	0.00E+00
2025	Grading	3.58E-03
	Total 2025	**4.67E-03**
2026	Building Phase I	1.36E-03
2026	Paving	0.00E+00
2026	Building Phase II	7.79E-04
	Total 2026	**2.14E-03**
2027	Building Phase II	6.76E-04
2027	Arch Coating	0.00E+00
	Total 2027	**6.76E-04**

Construction

Group: ONSITE **PM10 Exhaust Onsite**

Year	Unmitigated Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
2025	4.38E-02	1.57E-02	**5.62E-03**	1
2026	4.06E-02	4.90E-03		
2027	1.32E-02	1.59E-03		

Group: OFFSITE

	Trips		Miles		Weighted
Year	Vendor	Hauling	Vendor	Hauling	Trip length
2025	0	10584	**10.2**	**20**	20.00
2026	9600	0	**10.2**	**20**	10.20
2027	6040	0	**10.2**	**20**	10.20

PM2.5 Exhaust Off-Site

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2025	0.0047	1.67E-03	8.36E-05	**2.94E-05**
2026	2.14E-03	2.58E-04	2.53E-05	
2027	6.76E-04	8.16E-05	8.00E-06	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
Saturn Street	**40**	**1197**	0.74	2.94E-05	0.000021856

CONSTRUCTION RISK (UNMITIGATED)

Unmitigated	
Onsite	Offsite
5.62E-03	2.19E-05

					Concentration (AVERAGE CONC) [u		Concentration (AVERAGE CONC) [ug/m^3]		Unmitigated	Residential Dose					Risk by Age Group					
	Discrete Re	X	Y	X, Y	Onsite	Offsite	**Onsite**	**Offsite**	**Total**	**3rd Tri**	**0<2**	**2<9**	**9<16**	**16<30**	**3rd Tri**	**0<2**	**2<9**	**9<16**	**16<30**	**Total Risk**
1	UCART1	396456.15	3766686.98	396456.15, 3766686.98	0.05501	0.08924	3.09E-04	1.95E-06	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	3.8E-08	8.9E-09	0.0E+00	0.0E+00	5.1E-08
2	UCART1	396501.15	3766686.98	396501.15, 3766686.98	0.06037	0.10603	3.39E-04	2.32E-06	3.42E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.6E-09	4.2E-08	9.7E-09	0.0E+00	0.0E+00	5.6E-08
3	UCART1	396546.15	3766686.98	396546.15, 3766686.98	0.06619	0.12777	3.72E-04	2.79E-06	3.75E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
4	UCART1	396591.15	3766686.98	396591.15, 3766686.98	0.07245	0.15627	4.07E-04	3.42E-06	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
5	UCART1	396636.15	3766686.98	396636.15, 3766686.98	0.07906	0.19416	4.44E-04	4.24E-06	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
6	UCART1	396681.15	3766686.98	396681.15, 3766686.98	0.08587	0.24505	4.83E-04	5.36E-06	4.88E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.6E-09	6.0E-08	1.4E-08	0.0E+00	0.0E+00	8.1E-08
7	UCART1	396726.15	3766686.98	396726.15, 3766686.98	0.09276	0.31541	5.21E-04	6.89E-06	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
8	UCART1	396771.15	3766686.98	396771.15, 3766686.98	0.09928	0.41222	5.58E-04	9.01E-06	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
9	UCART1	396816.15	3766686.98	396816.15, 3766686.98	0.10552	0.55758	5.93E-04	1.22E-05	6.05E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
10	UCART1	396861.15	3766686.98	396861.15, 3766686.98	0.11069	0.78173	6.22E-04	1.71E-05	6.39E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
11	UCART1	396456.15	3766731.98	396456.15, 3766731.98	0.05761	0.09264	3.24E-04	2.02E-06	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	4.0E-08	9.3E-09	0.0E+00	0.0E+00	5.4E-08
12	UCART1	396501.15	3766731.98	396501.15, 3766731.98	0.0637	0.11128	3.58E-04	2.43E-06	3.60E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	6.0E-08
13	UCART1	396546.15	3766731.98	396546.15, 3766731.98	0.07059	0.13645	3.97E-04	2.98E-06	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
14	UCART1	396591.15	3766731.98	396591.15, 3766731.98	0.07823	0.17107	4.40E-04	3.74E-06	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
15	UCART1	396636.15	3766731.98	396636.15, 3766731.98	0.08675	0.22063	4.88E-04	4.82E-06	4.92E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.1E-08
16	UCART1	396681.15	3766731.98	396681.15, 3766731.98	0.09569	0.29201	5.38E-04	6.38E-06	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.6E-08	0.0E+00	0.0E+00	9.0E-08
17	UCART1	396726.15	3766731.98	396726.15, 3766731.98	0.10486	0.39962	5.89E-04	8.73E-06	5.98E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
18	UCART1	396771.15	3766731.98	396771.15, 3766731.98	0.11394	0.57015	6.40E-04	1.25E-05	6.53E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.0E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
19	UCART1	396816.15	3766731.98	396816.15, 3766731.98	0.12267	0.85716	6.89E-04	1.87E-05	7.08E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
20	UCART1	396861.15	3766731.98	396861.15, 3766731.98	0.13048	1.44671	7.33E-04	3.16E-05	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
21	UCART1	396906.15	3766731.98	396906.15, 3766731.98	0.137	3.20436	7.70E-04	7.00E-05	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
22	UCART1	396951.15	3766731.98	396951.15, 3766731.98	0.14201	4.17088	7.98E-04	9.12E-05	8.89E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
23	UCART1	396996.15	3766731.98	396996.15, 3766731.98	0.14526	2.63365	8.16E-04	5.76E-05	8.74E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
24	UCART1	397041.15	3766731.98	397041.15, 3766731.98	0.14666	0.80651	8.24E-04	1.76E-05	8.42E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
25	UCART1	396456.15	3766776.98	396456.15, 3766776.98	0.06028	0.09534	3.39E-04	2.08E-06	3.41E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	4.2E-08	9.7E-09	0.0E+00	0.0E+00	5.6E-08
26	UCART1	396501.15	3766776.98	396501.15, 3766776.98	0.0671	0.11543	3.77E-04	2.52E-06	3.80E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.3E-08
27	UCART1	396546.15	3766776.98	396546.15, 3766776.98	0.07498	0.14313	4.21E-04	3.13E-06	4.25E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	5.2E-08	1.2E-08	0.0E+00	0.0E+00	7.0E-08
28	UCART1	396591.15	3766776.98	396591.15, 3766776.98	0.08416	0.18334	4.73E-04	4.01E-06	4.77E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
29	UCART1	396636.15	3766776.98	396636.15, 3766776.98	0.09472	0.24381	5.32E-04	5.33E-06	5.38E-04	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
30	UCART1	396681.15	3766776.98	396681.15, 3766776.98	0.1061	0.33236	5.96E-04	7.26E-06	6.04E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
31	UCART1	396726.15	3766776.98	396726.15, 3766776.98	0.11822	0.48752	6.64E-04	1.07E-05	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
32	UCART1	396771.15	3766776.98	396771.15, 3766776.98	0.13088	0.76107	7.36E-04	1.66E-05	7.52E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	9.3E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
33	UCART1	396816.15	3766776.98	396816.15, 3766776.98	0.14343	1.4068	8.06E-04	3.07E-05	8.37E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
34	UCART1	396861.15	3766776.98	396861.15, 3766776.98	0.15531	3.13349	8.73E-04	6.85E-05	9.41E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
35	UCART1	396906.15	3766776.98	396906.15, 3766776.98	0.16581	5.18096	9.32E-04	1.13E-04	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
36	UCART1	396951.15	3766776.98	396951.15, 3766776.98	0.1743	6.0444	9.80E-04	1.32E-04	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
37	UCART1	396996.15	3766776.98	396996.15, 3766776.98	0.18029	2.03026	1.01E-03	4.44E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
38	UCART1	397041.15	3766776.98	397041.15, 3766776.98	0.1835	0.92034	1.03E-03	2.01E-05	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
39	UCART1	397086.15	3766776.98	397086.15, 3766776.98	0.18386	0.55179	1.03E-03	1.21E-05	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
40	UCART1	397131.15	3766776.98	397131.15, 3766776.98	0.18149	0.3945	1.02E-03	8.62E-06	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
41	UCART1	396456.15	3766821.98	396456.15, 3766821.98	0.06271	0.09674	3.52E-04	2.11E-06	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
42	UCART1	396501.15	3766821.98	396501.15, 3766821.98	0.07038	0.11793	3.96E-04	2.58E-06	3.98E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
43	UCART1	396546.15	3766821.98	396546.15, 3766821.98	0.07941	0.14759	4.46E-04	3.23E-06	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
44	UCART1	396591.15	3766821.98	396591.15, 3766821.98	0.09	0.19109	5.06E-04	4.18E-06	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.4E-08
45	UCART1	396636.15	3766821.98	396636.15, 3766821.98	0.10271	0.26043	5.77E-04	5.69E-06	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.6E-08
46	UCART1	396681.15	3766821.98	396681.15, 3766821.98	0.11723	0.37064	6.59E-04	8.10E-06	6.67E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	8.2E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
47	UCART1	396726.15	3766821.98	396726.15, 3766821.98	0.13318	0.58869	7.49E-04	1.29E-05	7.61E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
48	UCART1	396771.15	3766821.98	396771.15, 3766821.98	0.15049	1.09689	8.46E-04	2.40E-05	8.70E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
49	UCART1	396816.15	3766821.98	396816.15, 3766821.98	0.16867	2.66798	9.48E-04	5.83E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
50	UCART1	396861.15	3766821.98	396861.15, 3766821.98	0.18675	7.40739	1.05E-03	1.62E-04	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
51	UCART1	396906.15	3766821.98	396906.15, 3766821.98	0.20359	7.62596	1.14E-03	1.67E-04	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.2E-07
52	UCART1	396951.15	3766821.98	396951.15, 3766821.98	0.218	2.94291	1.23E-03	6.43E-05	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
53	UCART1	396996.15	3766821.98	396996.15, 3766821.98	0.22887	1.5906	1.29E-03	3.48E-05	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
54	UCART1	397041.15	3766821.98	397041.15, 3766821.98	0.23542	0.94414	1.32E-03	2.06E-05	1.34E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
55	UCART1	397086.15	3766821.98	397086.15, 3766821.98	0.23732	0.6301	1.33E-03	1.38E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
56	UCART1	397131.15	3766821.98	397131.15, 3766821.98	0.2347	0.46468	1.32E-03	1.02E-05	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
57	UCART1	397176.15	3766821.98	397176.15, 3766821.98	0.22785	0.37374	1.28E-03	8.17E-06	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
58	UCART1	397221.15	3766821.98	397221.15, 3766821.98	0.21756	0.31651	1.22E-03	6.92E-06	1.23E-03	4.3E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
59	UCART1	396456.15	3766866.98	396456.15, 3766866.98	0.06493	0.09694	3.65E-04	2.12E-06	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
60	UCART1	396501.15	3766866.98	396501.15, 3766866.98	0.07351	0.11862	4.13E-04	2.59E-06	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
61	UCART1	396546.15	3766866.98	396546.15, 3766866.98	0.08372	0.1492	4.71E-04	3.26E-06	4.74E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.4E-08	0.0E+00	0.0E+00	7.8E-08
62	UCART1	396591.15	3766866.98	396591.15, 3766866.98	0.09585	0.19411	5.39E-04	4.24E-06	5.43E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	9.0E-08
63	UCART1	396636.15	3766866.98	396636.15, 3766866.98	0.11071	0.26638	6.22E-04	5.82E-06	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
64	UCART1	396681.15	3766866.98	396681.15, 3766866.98	0.12858	0.39389	7.23E-04	8.61E-06	7.31E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
65	UCART1	396726.15	3766866.98	396726.15, 3766866.98	0.14946	0.65319	8.40E-04	1.43E-05	8.54E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	1.1E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
66	UCART1	396771.15	3766866.98	396771.15, 3766866.98	0.17314	1.35986	9.73E-04	2.97E-05	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
67	UCART1	396816.15	3766866.98	396816.15, 3766866.98	0.19931	5.52483	1.12E-03	1.21E-04	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.1E-07
68	UCART1	396861.15	3766866.98	396861.15, 3766866.98	0.22695	10.6468	1.28E-03	2.33E-04	1.51E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
69	UCART1	396906.15	3766866.98	396906.15, 3766866.98	0.25436	3.92677	1.43E-03	8.58E-05	1.52E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
70	UCART1	396951.15	3766866.98	396951.15, 3766866.98	0.27911	2.24237	1.57E-03	4.90E-05	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
71	UCART1	396996.15	3766866.98	396996.15, 3766866.98	0.29892	1.44482	1.68E-03	3.16E-05	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
72	UCART1	397041.15	3766866.98	397041.15, 3766866.98	0.31173	0.98867	1.75E-03	2.16E-05	1.77E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
73	UCART1	397086.15	3766866.98	397086.15, 3766866.98	0.31667	0.71363	1.78E-03	1.56E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	3.0E-07
74	UCART1	397131.15	3766866.98	397131.15, 3766866.98	0.31362	0.54738	1.76E-03	1.20E-05	1.77E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
75	UCART1	397176.15	3766866.98	397176.15, 3766866.98	0.30344	0.44907	1.71E-03	9.81E-06	1.72E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
76	UCART1	397221.15	3766866.98	397221.15, 3766866.98	0.28761	0.3847	1.62E-03	8.41E-06	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
77	UCART1	397266.15	3766866.98	397266.15, 3766866.98	0.26776	0.33966	1.50E-03	7.42E-06	1.51E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
78	UCART1	397311.15	3766866.98	397311.15, 3766866.98	0.24547	0.30635	1.38E-03	6.70E-06	1.39E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
79	UCART1	397356.15	3766866.98	397356.15, 3766866.98	0.22202	0.28046	1.25E-03	6.13E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
80	UCART1	396456.15	3766911.98	396456.15, 3766911.98	0.06681	0.09597	3.76E-04	2.10E-06	3.78E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.5E-08	5.1E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
81	UCART1	396501.15	3766911.98	396501.15, 3766911.98	0.07618	0.11734	4.28E-04	2.56E-06	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
82	UCART1	396546.15	3766911.98	396546.15, 3766911.98	0.08751	0.14744	4.92E-04	3.22E-06	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.2E-08
83	UCART1	396591.15	3766911.98	396591.15, 3766911.98	0.10135	0.19172	5.70E-04	4.19E-06	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
84	UCART1	396636.15	3766911.98	396636.15, 3766911.98	0.11883	0.26286	6.68E-04	5.75E-06	6.74E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
85	UCART1	396681.15	3766911.98	396681.15, 3766911.98	0.14056	0.38715	7.90E-04	8.46E-06	7.98E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
86	UCART1	396726.15	3766911.98	396726.15, 3766911.98	0.16698	0.63618	9.39E-04	1.39E-05	9.52E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
87	UCART1	396771.15	3766911.98	396771.15, 3766911.98	0.19883	1.28292	1.12E-03	2.80E-05	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
88	UCART1	396816.15	3766911.98	396816.15, 3766911.98	0.23635	4.1105	1.33E-03	8.98E-05	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
89	UCART1	396861.15	3766911.98	396861.15, 3766911.98	0.27878	6.55377	1.57E-03	1.43E-04	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
90	UCART1	396906.15	3766911.98	396906.15, 3766911.98	0.32403	4.86842	1.82E-03	1.06E-04	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
91	UCART1	396951.15	3766911.98	396951.15, 3766911.98	0.36801	2.48396	2.07E-03	5.43E-05	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.1E-08	0.0E+00	0.0E+00	3.5E-07
92	UCART1	396996.15	3766911.98	396996.15, 3766911.98	0.40529	1.59448	2.28E-03	3.48E-05	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.1E-08	2.8E-07	6.6E-08	0.0E+00	0.0E+00	3.8E-07
93	UCART1	397041.15	3766911.98	397041.15, 3766911.98	0.43061	1.12979	2.42E-03	2.47E-05	2.44E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
94	UCART1	397086.15	3766911.98	397086.15, 3766911.98	0.44113	0.83331	2.48E-03	1.82E-05	2.50E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
95	UCART1	397131.15	3766911.98	397131.15, 3766911.98	0.43486	0.65961	2.44E-03	1.44E-05	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.1E-07
96	UCART1	397176.15	3766911.98	397176.15, 3766911.98	0.42015	0.56244	2.36E-03	1.23E-05	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	3.9E-07
97	UCART1	397221.15	3766911.98	397221.15, 3766911.98	0.393	0.4825	2.21E-03	1.05E-05	2.22E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.7E-07
98	UCART1	397266.15	3766911.98	397266.15, 3766911.98	0.36149	0.42855	2.03E-03	9.37E-06	2.04E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
99	UCART1	397311.15	3766911.98	397311.15, 3766911.98	0.32687	0.38868	1.84E-03	8.49E-06	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
100	UCART1	397356.15	3766911.98	397356.15, 3766911.98	0.2903	0.35474	1.63E-03	7.75E-06	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
101	UCART1	396456.15	3766956.98	396456.15, 3766956.98	0.06833	0.09398	3.84E-04	2.05E-06	3.86E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
102	UCART1	396501.15	3766956.98	396501.15, 3766956.98	0.07841	0.11446	4.41E-04	2.50E-06	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
103	UCART1	396546.15	3766956.98	396546.15, 3766956.98	0.09086	0.14314	5.11E-04	3.13E-06	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
104	UCART1	396591.15	3766956.98	396591.15, 3766956.98	0.1063	0.18483	5.97E-04	4.04E-06	6.02E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
105	UCART1	396636.15	3766956.98	396636.15, 3766956.98	0.1264	0.25033	7.10E-04	5.47E-06	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
106	UCART1	396681.15	3766956.98	396681.15, 3766956.98	0.15189	0.35971	8.54E-04	7.86E-06	8.62E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
107	UCART1	396726.15	3766956.98	396726.15, 3766956.98	0.1849	0.56488	1.04E-03	1.23E-05	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
108	UCART1	396771.15	3766956.98	396771.15, 3766956.98	0.22701	1.01258	1.28E-03	2.21E-05	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
109	UCART1	396816.15	3766956.98	396816.15, 3766956.98	0.2803	2.20728	1.58E-03	4.82E-05	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
110	UCART1	396861.15	3766956.98	396861.15, 3766956.98	0.34615	6.36412	1.95E-03	1.39E-04	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
111	UCART1	396906.15	3766956.98	396906.15, 3766956.98	0.42248	6.26881	2.37E-03	1.37E-04	2.51E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
112	UCART1	396951.15	3766956.98	396951.15, 3766956.98	0.50522	4.46037	2.84E-03	9.75E-05	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.6E-07	8.4E-08	0.0E+00	0.0E+00	4.9E-07
113	UCART1	396996.15	3766956.98	396996.15, 3766956.98	0.58063	2.24788	3.26E-03	4.91E-05	3.31E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.4E-08	0.0E+00	0.0E+00	5.5E-07
114	UCART1	397041.15	3766956.98	397041.15, 3766956.98	0.63342	1.44819	3.56E-03	3.17E-05	3.59E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
115	UCART1	397086.15	3766956.98	397086.15, 3766956.98	0.65291	1.08086	3.67E-03	2.36E-05	3.69E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	4.5E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
116	UCART1	397131.15	3766956.98	397131.15, 3766956.98	0.63174	0.86029	3.55E-03	1.88E-05	3.57E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
117	UCART1	397176.15	3766956.98	397176.15, 3766956.98	0.60358	0.73624	3.39E-03	1.61E-05	3.41E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	4.2E-07	9.7E-08	0.0E+00	0.0E+00	5.6E-07
118	UCART1	397221.15	3766956.98	397221.15, 3766956.98	0.56049	0.64396	3.15E-03	1.41E-05	3.16E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	3.9E-07	9.0E-08	0.0E+00	0.0E+00	5.2E-07
119	UCART1	397266.15	3766956.98	397266.15, 3766956.98	0.5096	0.57522	2.86E-03	1.26E-05	2.88E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	3.5E-07	8.2E-08	0.0E+00	0.0E+00	4.8E-07
120	UCART1	397311.15	3766956.98	397311.15, 3766956.98	0.45226	0.51861	2.54E-03	1.13E-05	2.55E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
121	UCART1	397356.15	3766956.98	397356.15, 3766956.98	0.37506	0.44928	2.11E-03	9.82E-06	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07

CONSTRUCTION RISK (UNMITIGATED)

122	UCART1	397401.15	3766956.98	397401.15, 3766956.98	0.33215	0.42853	1.87E-03	9.37E-06	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
123	UCART1	397446.15	3766956.98	397446.15, 3766956.98	0.28229	0.40252	1.59E-03	8.80E-06	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
124	UCART1	397491.15	3766956.98	397491.15, 3766956.98	0.23537	0.37687	1.32E-03	8.24E-06	1.33E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
125	UCART1	397536.15	3766956.98	397536.15, 3766956.98	0.19564	0.35264	1.10E-03	7.71E-06	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
126	UCART1	397581.15	3766956.98	397581.15, 3766956.98	0.16303	0.32987	9.16E-04	7.21E-06	9.24E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
127	UCART1	397626.15	3766956.98	397626.15, 3766956.98	0.13666	0.30478	7.68E-04	6.66E-06	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	9.5E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
128	UCART1	397671.15	3766956.98	397671.15, 3766956.98	0.11552	0.27324	6.49E-04	5.97E-06	6.55E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
129	UCART1	397716.15	3766956.98	397716.15, 3766956.98	0.09823	0.23303	5.52E-04	5.09E-06	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.2E-08
130	UCART1	397761.15	3766956.98	397761.15, 3766956.98	0.08286	0.18521	4.66E-04	4.05E-06	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.3E-08	0.0E+00	0.0E+00	7.8E-08
131	UCART1	397806.15	3766956.98	397806.15, 3766956.98	0.07171	0.14932	4.03E-04	3.26E-06	4.06E-04	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	5.0E-08	1.2E-08	0.0E+00	0.0E+00	6.7E-08
132	UCART1	397851.15	3766956.98	397851.15, 3766956.98	0.06272	0.12061	3.53E-04	2.64E-06	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
133	UCART1	397896.15	3766956.98	397896.15, 3766956.98	0.05573	0.09934	3.13E-04	2.17E-06	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	3.9E-08	9.0E-09	0.0E+00	0.0E+00	5.2E-08
134	UCART1	397941.15	3766956.98	397941.15, 3766956.98	0.04927	0.08188	2.77E-04	1.79E-06	2.79E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	3.4E-08	8.0E-09	0.0E+00	0.0E+00	4.6E-08
135	UCART1	396456.15	3767001.98	396456.15, 3767001.98	0.06943	0.09114	3.90E-04	1.99E-06	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
136	UCART1	396501.15	3767001.98	396501.15, 3767001.98	0.08006	0.11031	4.50E-04	2.41E-06	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
137	UCART1	396546.15	3767001.98	396546.15, 3767001.98	0.09346	0.13679	5.25E-04	2.99E-06	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
138	UCART1	396591.15	3767001.98	396591.15, 3767001.98	0.11041	0.17475	6.21E-04	3.82E-06	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
139	UCART1	396636.15	3767001.98	396636.15, 3767001.98	0.13265	0.23199	7.46E-04	5.07E-06	7.51E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	9.2E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
140	UCART1	396681.15	3767001.98	396681.15, 3767001.98	0.16221	0.32361	9.12E-04	7.07E-06	9.19E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
141	UCART1	396726.15	3767001.98	396726.15, 3767001.98	0.20188	0.48114	1.13E-03	1.05E-05	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
142	UCART1	396771.15	3767001.98	396771.15, 3767001.98	0.25612	0.77725	1.44E-03	1.70E-05	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
143	UCART1	396816.15	3767001.98	396816.15, 3767001.98	0.33049	1.38081	1.86E-03	3.02E-05	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
144	UCART1	396861.15	3767001.98	396861.15, 3767001.98	0.43217	2.71443	2.43E-03	5.93E-05	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.1E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
145	UCART1	396906.15	3767001.98	396906.15, 3767001.98	0.56674	6.57229	3.19E-03	1.44E-04	3.33E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.5E-08	0.0E+00	0.0E+00	5.5E-07
146	UCART1	396951.15	3767001.98	396951.15, 3767001.98	0.73407	6.29333	4.13E-03	1.38E-04	4.26E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
147	UCART1	396996.15	3767001.98	396996.15, 3767001.98	0.91072	4.60497	5.12E-03	1.01E-04	5.22E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	6.4E-07	1.5E-07	0.0E+00	0.0E+00	8.6E-07
148	UCART1	397041.15	3767001.98	397041.15, 3767001.98	1.03393	2.34619	5.81E-03	5.13E-05	5.86E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	8.0E-08	7.2E-07	1.7E-07	0.0E+00	0.0E+00	9.7E-07
149	UCART1	397086.15	3767001.98	397086.15, 3767001.98	1.06115	1.66701	5.96E-03	3.64E-05	6.00E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.2E-08	7.4E-07	1.7E-07	0.0E+00	0.0E+00	9.9E-07
150	UCART1	397131.15	3767001.98	397131.15, 3767001.98	1.00902	1.31772	5.67E-03	2.88E-05	5.70E-03	2.0E-06	6.0E-06	3.4E-06	3.1E-06	1.4E-06	7.8E-08	7.0E-07	1.6E-07	0.0E+00	0.0E+00	9.4E-07
151	UCART1	397176.15	3767001.98	397176.15, 3767001.98	0.94291	1.11367	5.30E-03	2.43E-05	5.32E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.8E-07
152	UCART1	397221.15	3767001.98	397221.15, 3767001.98	0.85736	0.95999	4.82E-03	2.10E-05	4.84E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	6.0E-07	1.4E-07	0.0E+00	0.0E+00	8.0E-07
153	UCART1	397266.15	3767001.98	397266.15, 3767001.98	0.7617	0.84054	4.28E-03	1.84E-05	4.30E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
154	UCART1	397311.15	3767001.98	397311.15, 3767001.98	0.65688	0.73905	3.69E-03	1.62E-05	3.71E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
155	UCART1	397356.15	3767001.98	397356.15, 3767001.98	0.52119	0.62838	2.93E-03	1.37E-05	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.6E-07	8.4E-08	0.0E+00	0.0E+00	4.9E-07
156	UCART1	397401.15	3767001.98	397401.15, 3767001.98	0.40383	0.55787	2.27E-03	1.22E-05	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
157	UCART1	397446.15	3767001.98	397446.15, 3767001.98	0.37008	0.56512	2.08E-03	1.24E-05	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
158	UCART1	397491.15	3767001.98	397491.15, 3767001.98	0.29822	0.53195	1.68E-03	1.16E-05	1.69E-03	5.8E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
159	UCART1	397536.15	3767001.98	397536.15, 3767001.98	0.23848	0.50372	1.34E-03	1.10E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.2E-07
160	UCART1	397581.15	3767001.98	397581.15, 3767001.98	0.19191	0.48173	1.08E-03	1.05E-05	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
161	UCART1	397626.15	3767001.98	397626.15, 3767001.98	0.15652	0.46313	8.80E-04	1.01E-05	8.90E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
162	UCART1	397671.15	3767001.98	397671.15, 3767001.98	0.12902	0.42491	7.25E-04	9.29E-06	7.34E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
163	UCART1	397716.15	3767001.98	397716.15, 3767001.98	0.10646	0.33725	5.98E-04	7.37E-06	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
164	UCART1	397761.15	3767001.98	397761.15, 3767001.98	0.09012	0.25462	5.07E-04	5.56E-06	5.12E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
165	UCART1	397806.15	3767001.98	397806.15, 3767001.98	0.07655	0.18739	4.30E-04	4.10E-06	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.4E-08	1.2E-08	0.0E+00	0.0E+00	7.2E-08
166	UCART1	397851.15	3767001.98	397851.15, 3767001.98	0.06596	0.14159	3.71E-04	3.09E-06	3.74E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
167	UCART1	397896.15	3767001.98	397896.15, 3767001.98	0.05801	0.11178	3.26E-04	2.44E-06	3.28E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	4.0E-08	9.4E-09	0.0E+00	0.0E+00	5.4E-08
168	UCART1	397941.15	3767001.98	397941.15, 3767001.98	0.05154	0.09074	2.90E-04	1.98E-06	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	3.6E-08	8.3E-09	0.0E+00	0.0E+00	4.8E-08
169	UCART1	396456.15	3767046.98	396456.15, 3767046.98	0.07006	0.08767	3.94E-04	1.92E-06	3.96E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
170	UCART1	396501.15	3767046.98	396501.15, 3767046.98	0.08109	0.10529	4.56E-04	2.30E-06	4.58E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
171	UCART1	396546.15	3767046.98	396546.15, 3767046.98	0.09515	0.12922	5.35E-04	2.82E-06	5.38E-04	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
172	UCART1	396591.15	3767046.98	396591.15, 3767046.98	0.11327	0.16281	6.37E-04	3.56E-06	6.40E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
173	UCART1	396636.15	3767046.98	396636.15, 3767046.98	0.13735	0.21175	7.72E-04	4.63E-06	7.77E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
174	UCART1	396681.15	3767046.98	396681.15, 3767046.98	0.17034	0.28633	9.57E-04	6.26E-06	9.64E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
175	UCART1	396726.15	3767046.98	396726.15, 3767046.98	0.21658	0.40545	1.22E-03	8.86E-06	1.23E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
176	UCART1	396771.15	3767046.98	396771.15, 3767046.98	0.28337	0.60555	1.59E-03	1.32E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
177	UCART1	396816.15	3767046.98	396816.15, 3767046.98	0.38342	0.95293	2.16E-03	2.08E-05	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.0E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
178	UCART1	396861.15	3767046.98	396861.15, 3767046.98	0.53745	1.576	3.02E-03	3.44E-05	3.06E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.2E-08	3.8E-07	8.7E-08	0.0E+00	0.0E+00	5.1E-07
179	UCART1	396906.15	3767046.98	396906.15, 3767046.98	0.7824	2.79435	4.40E-03	6.11E-05	4.46E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.4E-07
180	UCART1	396951.15	3767046.98	396951.15, 3767046.98	1.17143	6.26337	6.58E-03	1.37E-04	6.72E-03	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	9.1E-08	8.3E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
181	UCART1	396996.15	3767046.98	396996.15, 3767046.98	1.71825	6.46265	9.66E-03	1.41E-04	9.80E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.3E-07	1.2E-06	2.8E-07	0.0E+00	0.0E+00	1.6E-06
182	UCART1	397041.15	3767046.98	397041.15, 3767046.98	2.10736	6.1738	1.18E-02	1.35E-04	1.20E-02	4.1E-06	1.3E-05	7.2E-06	6.6E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
183	UCART1	397086.15	3767046.98	397086.15, 3767046.98	2.06345	3.85952	1.16E-02	8.44E-05	1.17E-02	4.0E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.6E-07	1.4E-06	3.3E-07	0.0E+00	0.0E+00	1.9E-06
184	UCART1	397131.15	3767046.98	397131.15, 3767046.98	1.86296	2.76792	1.05E-02	6.05E-05	1.05E-02	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.4E-07	1.3E-06	3.0E-07	0.0E+00	0.0E+00	1.7E-06
185	UCART1	397176.15	3767046.98	397176.15, 3767046.98	1.655	2.16402	9.30E-03	4.73E-05	9.35E-03	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.5E-06
186	UCART1	397221.15	3767046.98	397221.15, 3767046.98	1.44938	1.74544	8.15E-03	3.81E-05	8.18E-03	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.0E-06	1.1E-07	1.0E-06	2.3E-07	0.0E+00	0.0E+00	1.4E-06
187	UCART1	397266.15	3767046.98	397266.15, 3767046.98	1.24456	1.44102	7.00E-03	3.15E-05	7.03E-03	2.4E-06	7.3E-06	4.3E-06	3.9E-06	1.8E-06	9.6E-08	8.7E-07	2.0E-07	0.0E+00	0.0E+00	1.2E-06
188	UCART1	397311.15	3767046.98	397311.15, 3767046.98	1.04157	1.20888	5.85E-03	2.64E-05	5.88E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	7.2E-07	1.7E-07	0.0E+00	0.0E+00	9.7E-07
189	UCART1	397356.15	3767046.98	397356.15, 3767046.98	0.84305	1.04426	4.74E-03	2.28E-05	4.76E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	7.9E-07
190	UCART1	397401.15	3767046.98	397401.15, 3767046.98	0.58297	0.86031	3.28E-03	1.88E-05	3.30E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	4.1E-07	9.4E-08	0.0E+00	0.0E+00	5.4E-07
191	UCART1	397446.15	3767046.98	397446.15, 3767046.98	0.48364	0.8543	2.72E-03	1.87E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
192	UCART1	397491.15	3767046.98	397491.15, 3767046.98	0.38524	0.82216	2.17E-03	1.80E-05	2.18E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
193	UCART1	397536.15	3767046.98	397536.15, 3767046.98	0.29229	0.78409	1.64E-03	1.71E-05	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
194	UCART1	397581.15	3767046.98	397581.15, 3767046.98	0.22553	0.77943	1.27E-03	1.70E-05	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
195	UCART1	397626.15	3767046.98	397626.15, 3767046.98	0.17832	0.82152	1.00E-03	1.80E-05	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
196	UCART1	397671.15	3767046.98	397671.15, 3767046.98	0.1436	0.85707	8.07E-04	1.87E-05	8.26E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
197	UCART1	397716.15	3767046.98	397716.15, 3767046.98	0.11756	0.63205	6.61E-04	1.38E-05	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
198	UCART1	397761.15	3767046.98	397761.15, 3767046.98	0.09681	0.37028	5.44E-04	8.09E-06	5.52E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
199	UCART1	397806.15	3767046.98	397806.15, 3767046.98	0.08116	0.23667	4.56E-04	5.17E-06	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
200	UCART1	397851.15	3767046.98	397851.15, 3767046.98	0.06952	0.16654	3.91E-04	3.64E-06	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
201	UCART1	397896.15	3767046.98	397896.15, 3767046.98	0.06087	0.1265	3.42E-04	2.76E-06	3.45E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	4.2E-08	9.8E-09	0.0E+00	0.0E+00	5.7E-08
202	UCART1	397941.15	3767046.98	397941.15, 3767046.98	0.05361	0.09949	3.01E-04	2.17E-06	3.03E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	3.7E-08	8.7E-09	0.0E+00	0.0E+00	5.0E-08
203	UCART1	396456.15	3767091.98	396456.15, 3767091.98	0.07022	0.0838	3.95E-04	1.83E-06	3.97E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
204	UCART1	396501.15	3767091.98	396501.15, 3767091.98	0.0815	0.09975	4.58E-04	2.18E-06	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
205	UCART1	396546.15	3767091.98	396546.15, 3767091.98	0.09589	0.1211	5.39E-04	2.65E-06	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	9.0E-08
206	UCART1	396591.15	3767091.98	396591.15, 3767091.98	0.11483	0.15027	6.45E-04	3.28E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	8.0E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
207	UCART1	396636.15	3767091.98	396636.15, 3767091.98	0.14018	0.19162	7.88E-04	4.19E-06	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
208	UCART1	396681.15	3767091.98	396681.15, 3767091.98	0.17527	0.25183	9.85E-04	5.50E-06	9.91E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
209	UCART1	396726.15	3767091.98	396726.15, 3767091.98	0.22661	0.34218	1.27E-03	7.48E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
210	UCART1	396771.15	3767091.98	396771.15, 3767091.98	0.30447	0.48169	1.71E-03	1.05E-05	1.72E-03	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
211	UCART1	396816.15	3767091.98	396816.15, 3767091.98	0.43067	0.69964	2.42E-03	1.53E-05	2.44E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	6.9E-08	0.0E+00	0.0E+00	4.0E-07
212	UCART1	396861.15	3767091.98	396861.15, 3767091.98	0.65355	1.04213	3.67E-03	2.28E-05	3.70E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
213	UCART1	396906.15	3767091.98	396906.15, 3767091.98	1.09351	1.60648	6.15E-03	3.51E-05	6.18E-03	2.1E-06	6.5E-06	3.7E-06	3.4E-06	1.5E-06	8.4E-08	7.6E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
214	UCART1	396951.15	3767091.98	396951.15, 3767091.98	2.09712	2.67076	1.18E-02	5.84E-05	1.18E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
215	UCART1	397131.15	3767091.98	397131.15, 3767091.98	4.98005	5.84205	2.80E-02	1.28E-04	2.81E-02	9.7E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.8E-07	3.5E-06	8.0E-07	0.0E+00	0.0E+00	4.6E-06
216	UCART1	397176.15	3767091.98	397176.15, 3767091.98	3.78807	8.67074	2.13E-02	1.90E-04	2.15E-02	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	2.9E-07	2.6E-06	6.1E-07	0.0E+00	0.0E+00	3.6E-06
217	UCART1	397221.15	3767091.98	397221.15, 3767091.98	2.99134	5.25285	1.68E-02	1.15E-04	1.69E-02	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	2.3E-07	2.1E-06	4.8E-07	0.0E+00	0.0E+00	2.8E-06
218	UCART1	397266.15	3767091.98	397266.15, 3767091.98	2.39688	3.58789	1.35E-02	7.84E-05	1.36E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.8E-07	1.7E-06	3.9E-07	0.0E+00	0.0E+00	2.2E-06
219	UCART1	397311.15	3767091.98	397311.15, 3767091.98	1.92185	2.65198	1.08E-02	5.80E-05	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-07	1.3E-06	3.1E-07	0.0E+00	0.0E+00	1.8E-06
220	UCART1	397356.15	3767091.98	397356.15, 3767091.98	1.48557	2.09962	8.35E-03	4.59E-05	8.40E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	1.0E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
221	UCART1	397401.15	3767091.98	397401.15, 3767091.98	1.02718	1.7503	5.77E-03	3.83E-05	5.81E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	7.2E-07	1.7E-07	0.0E+00	0.0E+00	9.6E-07
222	UCART1	397446.15	3767091.98	397446.15, 3767091.98	0.70094	1.59691	3.94E-03	3.49E-05	3.97E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	4.9E-07	1.1E-07	0.0E+00	0.0E+00	6.6E-07
223	UCART1	397491.15	3767091.98	397491.15, 3767091.98	0.46351	1.45215	2.61E-03	3.17E-05	2.64E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
224	UCART1	397536.15	3767091.98	397536.15, 3767091.98	0.33439	1.38995	1.88E-03	3.04E-05	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.4E-07	5.4E-08	0.0E+00	0.0E+00	3.2E-07
225	UCART1	397581.15	3767091.98	397581.15, 3767091.98	0.24257	1.36119	1.36E-03	2.97E-05	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
226	UCART1	397626.15	3767091.98	397626.15, 3767091.98	0.19999	1.81478	1.12E-03	3.97E-05	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
227	UCART1	397671.15	3767091.98	397671.15, 3767091.98	0.15897	3.70017	8.93E-04	8.09E-05	9.74E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
228	UCART1	397716.15	3767091.98	397716.15, 3767091.98	0.12854	1.77614	7.22E-04	3.88E-05	7.61E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
229	UCART1	397761.15	3767091.98	397761.15, 3767091.98	0.10471	0.56333	5.89E-04	1.23E-05	6.01E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
230	UCART1	397806.15	3767091.98	397806.15, 3767091.98	0.08579	0.29492	4.82E-04	6.45E-06	4.89E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.6E-09	6.0E-08	1.4E-08	0.0E+00	0.0E+00	8.1E-08
231	UCART1	397851.15	3767091.98	397851.15, 3767091.98	0.07361	0.19602	4.14E-04	4.28E-06	4.18E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
232	UCART1	397896.15	3767091.98	397896.15, 3767091.98	0.0643	0.14351	3.61E-04	3.14E-06	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.0E-08
233	UCART1	397941.15	3767091.98	397941.15, 3767091.98	0.05584	0.10899	3.14E-04	2.38E-06	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	3.9E-08	9.0E-09	0.0E+00	0.0E+00	5.2E-08
234	UCART1	396456.15	3767136.98	396456.15, 3767136.98	0.06995	0.07929	3.93E-04	1.73E-06	3.95E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
235	UCART1	396501.15	3767136.98	396501.15, 3767136.98	0.08119	0.09405	4.56E-04	2.06E-06	4.58E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
236	UCART1	396546.15	3767136.98	396546.15, 3767136.98	0.0957	0.11246	5.38E-04	2.46E-06	5.40E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	7.3E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
237	UCART1	396591.15	3767136.98	396591.15, 3767136.98	0.1148	0.13732	6.45E-04	3.00E-06	6.48E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	8.0E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
238	UCART1	396636.15	3767136.98	396636.15, 3767136.98	0.14073	0.17084	7.91E-04	3.73E-06	7.95E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
239	UCART1	396681.15	3767136.98	396681.15, 3767136.98	0.17684	0.22135	9.94E-04	4.84E-06	9.99E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.7E-07
240	UCART1	396726.15	3767136.98	396726.15, 3767136.98	0.23031	0.29067	1.29E-03	6.35E-06	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.2E-07
241	UCART1	396771.15	3767136.98	396771.15, 3767136.98	0.31476	0.39048	1.77E-03	8.53E-06	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
242	UCART1	396816.15	3767136.98	396816.15, 3767136.98	0.45952	0.53401	2.58E-03	1.17E-05	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
243	UCART1	396861.15	3767136.98	396861.15, 3767136.98	0.74705	0.7404	4.20E-03	1.62E-05	4.21E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.7E-08	5.2E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
244	UCART1	396906.15	3767136.98	396906.15, 3767136.98	1.4874	1.04849	8.36E-03	2.29E-05	8.38E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	1.0E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
245	UCART1	397311.15	3767136.98	397311.15, 3767136.98	4.98819	5.53061	2.80E-02	1.21E-04	2.82E-02	9.7E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.8E-07	3.5E-06	8.0E-07	0.0E+00	0.0E+00	4.7E-06
246	UCART1	397356.15	3767136.98	397356.15, 3767136.98	3.50386	8.30687	1.97E-02	1.82E-04	1.99E-02	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.7E-07	2.4E-06	5.7E-07	0.0E+00	0.0E+00	3.3E-06
247	UCART1	397401.15	3767136.98	397401.15, 3767136.98	2.28387	6.21825	1.28E-02	1.36E-04	1.30E-02	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.8E-07	1.6E-06	3.7E-07	0.0E+00	0.0E+00	2.1E-06
248	UCART1	397446.15	3767136.98	397446.15, 3767136.98	1.19627	5.21928	6.72E-03	1.14E-04	6.84E-03	2.4E-06	7.1E-06	4.1E-06	3.8E-06	1.7E-06	9.3E-08	8.4E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
249	UCART1	397491.15	3767136.98	397491.15, 3767136.98	0.59833	3.9073	3.36E-03	8.54E-05	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	4.2E-07	9.8E-08	0.0E+00	0.0E+00	5.7E-07
250	UCART1	397536.15	3767136.98	397536.15, 3767136.98	0.39267	3.48975	2.21E-03	7.63E-05	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
251	UCART1	397581.15	3767136.98	397581.15, 3767136.98	0.2727	3.19842	1.53E-03	6.99E-05	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
252	UCART1	397626.15	3767136.98	397626.15, 3767136.98	0.21904	4.93413	1.23E-03	1.08E-04	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
253	UCART1	397671.15	3767136.98	397671.15, 3767136.98	0.17415	2.76081	9.79E-04	6.03E-05	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07

CONSTRUCTION RISK (UNMITIGATED)

254	UCART1	397716.15	3767136.98	397716.15, 3767136.98	0.13882	2.45294	7.80E-04	5.36E-05	8.34E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
255	UCART1	397761.15	3767136.98	397761.15, 3767136.98	0.11364	0.76616	6.39E-04	1.67E-05	6.55E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
256	UCART1	397806.15	3767136.98	397806.15, 3767136.98	0.09326	0.373	5.24E-04	8.15E-06	5.32E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
257	UCART1	397851.15	3767136.98	397851.15, 3767136.98	0.07822	0.2289	4.40E-04	5.00E-06	4.45E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
258	UCART1	397896.15	3767136.98	397896.15, 3767136.98	0.06791	0.16234	3.82E-04	3.55E-06	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
259	UCART1	397941.15	3767136.98	397941.15, 3767136.98	0.05542	0.11378	3.11E-04	2.49E-06	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	3.9E-08	9.0E-09	0.0E+00	0.0E+00	5.2E-08
260	UCART1	396456.15	3767181.98	396456.15, 3767181.98	0.06918	0.07427	3.89E-04	1.62E-06	3.90E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
261	UCART1	396501.15	3767181.98	396501.15, 3767181.98	0.08027	0.08702	4.51E-04	1.90E-06	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
262	UCART1	396546.15	3767181.98	396546.15, 3767181.98	0.09454	0.10205	5.31E-04	2.23E-06	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
263	UCART1	396591.15	3767181.98	396591.15, 3767181.98	0.11335	0.12255	6.37E-04	2.68E-06	6.40E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
264	UCART1	396636.15	3767181.98	396636.15, 3767181.98	0.13893	0.15248	7.81E-04	3.33E-06	7.84E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
265	UCART1	396681.15	3767181.98	396681.15, 3767181.98	0.17493	0.19059	9.83E-04	4.17E-06	9.87E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
266	UCART1	396726.15	3767181.98	396726.15, 3767181.98	0.22761	0.24875	1.28E-03	5.44E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
267	UCART1	396771.15	3767181.98	396771.15, 3767181.98	0.31135	0.32264	1.75E-03	7.05E-06	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
268	UCART1	396816.15	3767181.98	396816.15, 3767181.98	0.45781	0.42113	2.57E-03	9.20E-06	2.58E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
269	UCART1	396861.15	3767181.98	396861.15, 3767181.98	0.75789	0.54899	4.26E-03	1.20E-05	4.27E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
270	UCART1	396906.15	3767181.98	396906.15, 3767181.98	1.59541	0.71345	8.97E-03	1.56E-05	8.98E-03	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
271	UCART1	397446.15	3767181.98	397446.15, 3767181.98	2.09367	6.72519	1.18E-02	1.47E-04	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
272	UCART1	397491.15	3767181.98	397491.15, 3767181.98	0.8282	7.61297	4.65E-03	1.66E-04	4.82E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.6E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	8.0E-07
273	UCART1	397536.15	3767181.98	397536.15, 3767181.98	0.49554	5.51289	2.79E-03	1.20E-04	2.91E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
274	UCART1	397581.15	3767181.98	397581.15, 3767181.98	0.33596	5.2993	1.89E-03	1.16E-04	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
275	UCART1	397626.15	3767181.98	397626.15, 3767181.98	0.24738	5.0002	1.39E-03	1.09E-04	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	2.0E-08	1.8E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
276	UCART1	397671.15	3767181.98	397671.15, 3767181.98	0.18838	4.50181	1.06E-03	9.84E-05	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
277	UCART1	397716.15	3767181.98	397716.15, 3767181.98	0.14891	1.73003	8.37E-04	3.78E-05	8.75E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
278	UCART1	397761.15	3767181.98	397761.15, 3767181.98	0.12145	0.78057	6.83E-04	1.71E-05	7.00E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	9.5E-09	8.6E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
279	UCART1	397806.15	3767181.98	397806.15, 3767181.98	0.1005	0.42209	5.65E-04	9.23E-06	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
280	UCART1	397851.15	3767181.98	397851.15, 3767181.98	0.0845	0.26338	4.75E-04	5.76E-06	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
281	UCART1	397896.15	3767181.98	397896.15, 3767181.98	0.07174	0.18067	4.03E-04	3.95E-06	4.07E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	5.0E-08	1.2E-08	0.0E+00	0.0E+00	6.7E-08
282	UCART1	397941.15	3767181.98	397941.15, 3767181.98	0.05824	0.12572	3.27E-04	2.75E-06	3.30E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	4.1E-08	9.4E-09	0.0E+00	0.0E+00	5.5E-08
283	UCART1	396456.15	3767226.98	396456.15, 3767226.98	0.068	0.06925	3.82E-04	1.51E-06	3.84E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.3E-08
284	UCART1	396501.15	3767226.98	396501.15, 3767226.98	0.07876	0.07976	4.43E-04	1.74E-06	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
285	UCART1	396546.15	3767226.98	396546.15, 3767226.98	0.09255	0.09327	5.20E-04	2.04E-06	5.22E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	6.4E-08	1.5E-08	0.0E+00	0.0E+00	8.6E-08
286	UCART1	396591.15	3767226.98	396591.15, 3767226.98	0.11065	0.1108	6.22E-04	2.42E-06	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
287	UCART1	396636.15	3767226.98	396636.15, 3767226.98	0.13516	0.13476	7.60E-04	2.95E-06	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
288	UCART1	396681.15	3767226.98	396681.15, 3767226.98	0.16934	0.16473	9.52E-04	3.60E-06	9.55E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
289	UCART1	396726.15	3767226.98	396726.15, 3767226.98	0.2194	0.21338	1.23E-03	4.66E-06	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
290	UCART1	396771.15	3767226.98	396771.15, 3767226.98	0.29643	0.27028	1.67E-03	5.91E-06	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
291	UCART1	396816.15	3767226.98	396816.15, 3767226.98	0.42721	0.34211	2.40E-03	7.48E-06	2.41E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	3.3E-08	3.0E-07	6.9E-08	0.0E+00	0.0E+00	4.0E-07
292	UCART1	396861.15	3767226.98	396861.15, 3767226.98	0.6778	0.42664	3.81E-03	9.32E-06	3.82E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
293	UCART1	396906.15	3767226.98	396906.15, 3767226.98	1.22951	0.53376	6.91E-03	1.17E-05	6.92E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	8.5E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
294	UCART1	396951.15	3767226.98	396951.15, 3767226.98	2.67472	0.64502	1.50E-02	1.41E-05	1.50E-02	5.2E-06	1.6E-05	9.1E-06	8.3E-06	3.8E-06	2.0E-07	1.9E-06	4.3E-07	0.0E+00	0.0E+00	2.5E-06
295	UCART1	397446.15	3767226.98	397446.15, 3767226.98	1.82602	2.3982	1.03E-02	5.24E-05	1.03E-02	3.6E-06	1.1E-05	6.2E-06	5.7E-06	2.6E-06	1.4E-07	1.3E-06	2.9E-07	0.0E+00	0.0E+00	1.7E-06
296	UCART1	397491.15	3767226.98	397491.15, 3767226.98	0.86578	2.72028	4.87E-03	5.95E-05	4.93E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.1E-07
297	UCART1	397536.15	3767226.98	397536.15, 3767226.98	0.54041	3.15075	3.04E-03	6.89E-05	3.11E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.1E-07
298	UCART1	397581.15	3767226.98	397581.15, 3767226.98	0.37134	3.13556	2.09E-03	6.85E-05	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.1E-08	0.0E+00	0.0E+00	3.6E-07
299	UCART1	397626.15	3767226.98	397626.15, 3767226.98	0.26765	2.79956	1.50E-03	6.12E-05	1.57E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	1.9E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
300	UCART1	397671.15	3767226.98	397671.15, 3767226.98	0.20095	2.02892	1.13E-03	4.43E-05	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
301	UCART1	397716.15	3767226.98	397716.15, 3767226.98	0.15746	1.20468	8.85E-04	2.63E-05	9.11E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
302	UCART1	397761.15	3767226.98	397761.15, 3767226.98	0.12841	0.69598	7.22E-04	1.52E-05	7.37E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
303	UCART1	397806.15	3767226.98	397806.15, 3767226.98	0.10658	0.42426	5.99E-04	9.27E-06	6.08E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
304	UCART1	397851.15	3767226.98	397851.15, 3767226.98	0.08911	0.27801	5.01E-04	6.08E-06	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.4E-08
305	UCART1	397896.15	3767226.98	397896.15, 3767226.98	0.07581	0.19513	4.26E-04	4.26E-06	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
306	UCART1	397941.15	3767226.98	397941.15, 3767226.98	0.06477	0.14355	3.64E-04	3.14E-06	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
307	UCART1	396456.15	3767271.98	396456.15, 3767271.98	0.06358	0.06077	3.57E-04	1.33E-06	3.59E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
308	UCART1	396501.15	3767271.98	396501.15, 3767271.98	0.0728	0.06941	4.09E-04	1.52E-06	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
309	UCART1	396546.15	3767271.98	396546.15, 3767271.98	0.0847	0.08036	4.76E-04	1.76E-06	4.78E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
310	UCART1	396591.15	3767271.98	396591.15, 3767271.98	0.10316	0.09678	5.80E-04	2.12E-06	5.82E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.6E-08
311	UCART1	396636.15	3767271.98	396636.15, 3767271.98	0.12545	0.11575	7.05E-04	2.53E-06	7.08E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
312	UCART1	396681.15	3767271.98	396681.15, 3767271.98	0.15801	0.14175	8.88E-04	3.10E-06	8.91E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
313	UCART2	396726.15	3767271.98	396726.15, 3767271.98	0.20539	0.17714	1.15E-03	3.87E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
314	UCART3	396771.15	3767271.98	396771.15, 3767271.98	0.27425	0.22885	1.54E-03	5.00E-06	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
315	UCART4	396816.15	3767271.98	396816.15, 3767271.98	0.38219	0.28314	2.15E-03	6.19E-06	2.15E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.1E-08	0.0E+00	0.0E+00	3.6E-07
316	UCART5	396861.15	3767271.98	396861.15, 3767271.98	0.56985	0.34747	3.20E-03	7.59E-06	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.3E-07
317	UCART6	396906.15	3767271.98	396906.15, 3767271.98	0.83114	0.39726	4.67E-03	8.68E-06	4.68E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	5.8E-07	1.3E-07	0.0E+00	0.0E+00	7.7E-07
318	UCART7	396951.15	3767271.98	396951.15, 3767271.98	1.34625	0.46546	7.57E-03	1.02E-05	7.58E-03	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	1.0E-07	9.3E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
319	UCART8	397311.15	3767271.98	397311.15, 3767271.98	8.5242	1.24966	4.79E-02	2.73E-05	4.79E-02	1.7E-05	5.0E-05	2.9E-05	2.6E-05	1.2E-05	6.5E-07	5.9E-06	1.4E-06	0.0E+00	0.0E+00	7.9E-06
320	UCART9	397356.15	3767271.98	397356.15, 3767271.98	4.93824	1.27693	2.78E-02	2.79E-05	2.78E-02	9.6E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.8E-07	3.4E-06	7.9E-07	0.0E+00	0.0E+00	4.6E-06
321	UCART10	397401.15	3767271.98	397401.15, 3767271.98	2.23463	1.14731	1.26E-02	2.51E-05	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.7E-07	1.6E-06	3.6E-07	0.0E+00	0.0E+00	2.1E-06
322	UCART11	397446.15	3767271.98	397446.15, 3767271.98	1.30054	1.17832	7.31E-03	2.58E-05	7.34E-03	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-07	9.0E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
323	UCART12	397491.15	3767271.98	397491.15, 3767271.98	0.81966	1.33406	4.61E-03	2.92E-05	4.64E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	5.7E-07	1.3E-07	0.0E+00	0.0E+00	7.7E-07
324	UCART13	397536.15	3767271.98	397536.15, 3767271.98	0.52703	1.44234	2.96E-03	3.15E-05	2.99E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	3.7E-07	8.5E-08	0.0E+00	0.0E+00	4.9E-07
325	UCART14	397581.15	3767271.98	397581.15, 3767271.98	0.35119	1.42069	1.97E-03	3.11E-05	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
326	UCART15	397626.15	3767271.98	397626.15, 3767271.98	0.25987	1.37275	1.46E-03	3.00E-05	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	1.8E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
327	UCART16	397671.15	3767271.98	397671.15, 3767271.98	0.21104	1.18998	1.19E-03	2.60E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
328	UCART17	397716.15	3767271.98	397716.15, 3767271.98	0.16564	0.8615	9.31E-04	1.88E-05	9.50E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
329	UCART18	397761.15	3767271.98	397761.15, 3767271.98	0.13555	0.58729	7.62E-04	1.28E-05	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	9.5E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
330	UCART19	397806.15	3767271.98	397806.15, 3767271.98	0.11262	0.39911	6.33E-04	8.72E-06	6.42E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
331	UCART20	397851.15	3767271.98	397851.15, 3767271.98	0.09392	0.27835	5.28E-04	6.08E-06	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
332	UCART21	397896.15	3767271.98	397896.15, 3767271.98	0.07922	0.20115	4.45E-04	4.40E-06	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
333	UCART22	397941.15	3767271.98	397941.15, 3767271.98	0.06789	0.15118	3.82E-04	3.30E-06	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
334	UCART23	396456.15	3767316.98	396456.15, 3767316.98	0.05715	0.05383	3.21E-04	1.18E-06	3.22E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	9.2E-09	0.0E+00	0.0E+00	5.3E-08
335	UCART24	396501.15	3767316.98	396501.15, 3767316.98	0.06346	0.05964	3.57E-04	1.30E-06	3.58E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
336	UCART25	396546.15	3767316.98	396546.15, 3767316.98	0.07092	0.06649	3.99E-04	1.45E-06	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
337	UCART26	396591.15	3767316.98	396591.15, 3767316.98	0.08331	0.07734	4.68E-04	1.69E-06	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.3E-08	0.0E+00	0.0E+00	7.8E-08
338	UCART27	396636.15	3767316.98	396636.15, 3767316.98	0.10333	0.09384	5.81E-04	2.05E-06	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.6E-08
339	UCART28	396681.15	3767316.98	396681.15, 3767316.98	0.13496	0.11796	7.59E-04	2.58E-06	7.61E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
340	UCART29	396726.15	3767316.98	396726.15, 3767316.98	0.1755	0.14568	9.86E-04	3.18E-06	9.90E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
341	UCART30	396771.15	3767316.98	396771.15, 3767316.98	0.24882	0.1951	1.40E-03	4.26E-06	1.40E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
342	UCART31	396816.15	3767316.98	396816.15, 3767316.98	0.33521	0.23758	1.88E-03	5.19E-06	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
343	UCART32	396861.15	3767316.98	396861.15, 3767316.98	0.47183	0.28121	2.65E-03	6.15E-06	2.66E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.6E-08	0.0E+00	0.0E+00	4.4E-07
344	UCART33	396906.15	3767316.98	396906.15, 3767316.98	0.59787	0.30862	3.36E-03	6.75E-06	3.37E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	4.1E-07	9.6E-08	0.0E+00	0.0E+00	5.6E-07
345	UCART34	396951.15	3767316.98	396951.15, 3767316.98	0.88534	0.36122	4.98E-03	7.89E-06	4.98E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.2E-07
346	UCART35	396996.15	3767316.98	396996.15, 3767316.98	1.28691	0.41491	7.23E-03	9.07E-06	7.24E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.8E-08	8.9E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
347	UCART36	397311.15	3767316.98	397311.15, 3767316.98	3.87266	0.83862	2.18E-02	1.83E-05	2.18E-02	7.5E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	2.7E-06	6.2E-07	0.0E+00	0.0E+00	3.6E-06
348	UCART37	397356.15	3767316.98	397356.15, 3767316.98	2.50867	0.81042	1.41E-02	1.77E-05	1.41E-02	4.9E-06	1.5E-05	8.5E-06	7.7E-06	3.5E-06	1.9E-07	1.7E-06	4.0E-07	0.0E+00	0.0E+00	2.3E-06
349	UCART38	397401.15	3767316.98	397401.15, 3767316.98	1.50154	0.74296	8.44E-03	1.62E-05	8.46E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	1.0E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
350	UCART39	397446.15	3767316.98	397446.15, 3767316.98	1.01477	0.7543	5.70E-03	1.65E-05	5.72E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.8E-08	7.0E-07	1.6E-07	0.0E+00	0.0E+00	9.5E-07
351	UCART40	397491.15	3767316.98	397491.15, 3767316.98	0.69356	0.78635	3.90E-03	1.72E-05	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.5E-07
352	UCART41	397536.15	3767316.98	397536.15, 3767316.98	0.47155	0.79645	2.65E-03	1.74E-05	2.67E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.6E-08	0.0E+00	0.0E+00	4.4E-07
353	UCART42	397581.15	3767316.98	397581.15, 3767316.98	0.33221	0.78747	1.87E-03	1.72E-05	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
354	UCART43	397626.15	3767316.98	397626.15, 3767316.98	0.24649	0.75882	1.39E-03	1.66E-05	1.40E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
355	UCART44	397671.15	3767316.98	397671.15, 3767316.98	0.20907	0.76914	1.18E-03	1.68E-05	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
356	UCART45	397716.15	3767316.98	397716.15, 3767316.98	0.17254	0.64052	9.70E-04	1.40E-05	9.84E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
357	UCART46	397761.15	3767316.98	397761.15, 3767316.98	0.13974	0.48453	7.85E-04	1.06E-05	7.96E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
358	UCART47	397806.15	3767316.98	397806.15, 3767316.98	0.11342	0.3545	6.37E-04	7.75E-06	6.45E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
359	UCART48	397851.15	3767316.98	397851.15, 3767316.98	0.0969	0.2648	5.45E-04	5.79E-06	5.50E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
360	UCART49	397896.15	3767316.98	397896.15, 3767316.98	0.08142	0.19865	4.58E-04	4.34E-06	4.62E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
361	UCART50	397941.15	3767316.98	397941.15, 3767316.98	0.07063	0.15397	3.97E-04	3.37E-06	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
362	UCART51	396456.15	3767361.98	396456.15, 3767361.98	0.05641	0.05205	3.17E-04	1.14E-06	3.18E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.3E-09	3.9E-08	9.1E-09	0.0E+00	0.0E+00	5.3E-08
363	UCART52	396501.15	3767361.98	396501.15, 3767361.98	0.05951	0.05502	3.34E-04	1.20E-06	3.36E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	4.1E-08	9.6E-09	0.0E+00	0.0E+00	5.5E-08
364	UCART53	396546.15	3767361.98	396546.15, 3767361.98	0.06621	0.06098	3.72E-04	1.33E-06	3.73E-04	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
365	UCART54	396591.15	3767361.98	396591.15, 3767361.98	0.07836	0.07112	4.40E-04	1.55E-06	4.42E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
366	UCART55	396636.15	3767361.98	396636.15, 3767361.98	0.09502	0.08432	5.34E-04	1.84E-06	5.36E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
367	UCART56	396681.15	3767361.98	396681.15, 3767361.98	0.1247	0.10578	7.01E-04	2.31E-06	7.03E-04	2.4E-07	7.3E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
368	UCART57	396726.15	3767361.98	396726.15, 3767361.98	0.16718	0.13292	9.40E-04	2.91E-06	9.43E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
369	UCART58	396771.15	3767361.98	396771.15, 3767361.98	0.22302	0.16596	1.25E-03	3.63E-06	1.26E-03	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
370	UCART59	396816.15	3767361.98	396816.15, 3767361.98	0.29187	0.20211	1.64E-03	4.42E-06	1.64E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
371	UCART60	396861.15	3767361.98	396861.15, 3767361.98	0.39294	0.23725	2.21E-03	5.19E-06	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.7E-07
372	UCART61	396906.15	3767361.98	396906.15, 3767361.98	0.49197	0.25998	2.77E-03	5.68E-06	2.77E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	3.4E-07	7.9E-08	0.0E+00	0.0E+00	4.6E-07
373	UCART62	396951.15	3767361.98	396951.15, 3767361.98	0.63674	0.28902	3.58E-03	6.32E-06	3.59E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
374	UCART63	396996.15	3767361.98	396996.15, 3767361.98	0.88766	0.33348	4.99E-03	7.29E-06	5.00E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	6.8E-08	6.2E-07	1.4E-07	0.0E+00	0.0E+00	8.3E-07
375	UCART64	397041.15	3767361.98	397041.15, 3767361.98	1.13111	0.3696	6.36E-03	8.08E-06	6.37E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	7.8E-07	1.8E-07	0.0E+00	0.0E+00	1.1E-06
376	UCART65	397086.15	3767361.98	397086.15, 3767361.98	1.32221	0.39358	7.43E-03	8.60E-06	7.44E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	9.2E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
377	UCART66	397131.15	3767361.98	397131.15, 3767361.98	1.74112	0.44127	9.79E-03	9.64E-06	9.80E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.3E-07	1.2E-06	2.8E-07	0.0E+00	0.0E+00	1.6E-06
378	UCART67	397176.15	3767361.98	397176.15, 3767361.98	2.23516	0.4775	1.26E-02	1.04E-05	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.7E-07	1.5E-06	3.6E-07	0.0E+00	0.0E+00	2.1E-06
379	UCART68	397221.15	3767361.98	397221.15, 3767361.98	2.7519	0.53201	1.55E-02	1.16E-05	1.55E-02	5.4E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	2.1E-07	1.9E-06	4.4E-07	0.0E+00	0.0E+00	2.6E-06
380	UCART69	397266.15	3767361.98	397266.15, 3767361.98	2.78403	0.57907	1.56E-02	1.27E-05	1.57E-02	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	2.1E-07	1.9E-06	4.5E-07	0.0E+00	0.0E+00	2.6E-06
381	UCART70	397311.15	3767361.98	397311.15, 3767361.98	2.16712	0.57935	1.22E-02	1.27E-05	1.22E-02	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.7E-07	1.5E-06	3.5E-07	0.0E+00	0.0E+00	2.0E-06
382	UCART71	397356.15	3767361.98	397356.15, 3767361.98	1.69754	0.59111	9.54E-03	1.29E-05	9.55E-03	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.6E-06
383	UCART72	397401.15	3767361.98	397401.15, 3767361.98	1.15377	0.55252	6.48E-03	1.21E-05	6.50E-03	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.8E-08	8.0E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
384	UCART73	397446.15	3767361.98	397446.15, 3767361.98	0.8791	0.57475	4.94E-03	1.26E-05	4.95E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.2E-07
385	UCART74	397491.15	3767361.98	397491.15, 3767361.98	0.64286	0.58789	3.61E-03	1.28E-05	3.63E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.9E-08	4.5E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07

CONSTRUCTION RISK (UNMITIGATED)

386	UCART75	397536.15	3767361.98	397536.15, 3767361.98	0.4668	0.59318	2.62E-03	1.30E-05	2.64E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
387	UCART76	397581.15	3767361.98	397581.15, 3767361.98	0.3429	0.58486	1.93E-03	1.28E-05	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
388	UCART77	397626.15	3767361.98	397626.15, 3767361.98	0.25711	0.55593	1.45E-03	1.22E-05	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
389	UCART78	397671.15	3767361.98	397671.15, 3767361.98	0.20065	0.5127	1.13E-03	1.12E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.9E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
390	UCART79	397716.15	3767361.98	397716.15, 3767361.98	0.17169	0.47838	9.65E-04	1.05E-05	9.75E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
391	UCART80	397761.15	3767361.98	397761.15, 3767361.98	0.14141	0.39358	7.95E-04	8.60E-06	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	9.9E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
392	UCART81	397806.15	3767361.98	397806.15, 3767361.98	0.11295	0.30178	6.35E-04	6.60E-06	6.41E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
393	UCART82	397851.15	3767361.98	397851.15, 3767361.98	0.09748	0.24102	5.48E-04	5.27E-06	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
394	UCART83	397896.15	3767361.98	397896.15, 3767361.98	0.08309	0.18941	4.67E-04	4.14E-06	4.71E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.3E-08	0.0E+00	0.0E+00	7.8E-08
395	UCART84	397941.15	3767361.98	397941.15, 3767361.98	0.07081	0.14924	3.98E-04	3.26E-06	4.01E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
396	UCART85	396456.15	3767406.98	396456.15, 3767406.98	0.05314	0.04843	2.99E-04	1.06E-06	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	3.7E-08	8.5E-09	0.0E+00	0.0E+00	5.0E-08
397	UCART86	396501.15	3767406.98	396501.15, 3767406.98	0.05701	0.0519	3.20E-04	1.13E-06	3.22E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	4.0E-08	9.2E-09	0.0E+00	0.0E+00	5.3E-08
398	UCART87	396546.15	3767406.98	396546.15, 3767406.98	0.06313	0.05716	3.55E-04	1.25E-06	3.56E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.8E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
399	UCART88	396591.15	3767406.98	396591.15, 3767406.98	0.07481	0.06651	4.20E-04	1.45E-06	4.22E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.7E-09	5.2E-08	1.2E-08	0.0E+00	0.0E+00	7.0E-08
400	UCART89	396636.15	3767406.98	396636.15, 3767406.98	0.09492	0.08142	5.33E-04	1.78E-06	5.35E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
401	UCART90	396681.15	3767406.98	396681.15, 3767406.98	0.12191	0.09966	6.85E-04	2.18E-06	6.87E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	9.3E-09	8.5E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
402	UCART91	396726.15	3767406.98	396726.15, 3767406.98	0.15593	0.12052	8.76E-04	2.63E-06	8.79E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
403	UCART92	396771.15	3767406.98	396771.15, 3767406.98	0.19843	0.14451	1.12E-03	3.16E-06	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
404	UCART93	396816.15	3767406.98	396816.15, 3767406.98	0.2541	0.17344	1.43E-03	3.79E-06	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
405	UCART94	396861.15	3767406.98	396861.15, 3767406.98	0.33004	0.20123	1.85E-03	4.40E-06	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
406	UCART95	396906.15	3767406.98	396906.15, 3767406.98	0.40772	0.22131	2.29E-03	4.84E-06	2.30E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.6E-08	0.0E+00	0.0E+00	3.8E-07
407	UCART96	396951.15	3767406.98	396951.15, 3767406.98	0.50657	0.24405	2.85E-03	5.33E-06	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	3.5E-07	8.1E-08	0.0E+00	0.0E+00	4.7E-07
408	UCART97	396996.15	3767406.98	396996.15, 3767406.98	0.63096	0.2675	3.55E-03	5.85E-06	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.8E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
409	UCART98	397041.15	3767406.98	397041.15, 3767406.98	0.75419	0.2872	4.24E-03	6.28E-06	4.25E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.2E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
410	UCART99	397086.15	3767406.98	397086.15, 3767406.98	0.8967	0.30914	5.04E-03	6.76E-06	5.05E-03	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	6.2E-07	1.4E-07	0.0E+00	0.0E+00	8.3E-07
411	UCART100	397131.15	3767406.98	397131.15, 3767406.98	1.11692	0.3412	6.28E-03	7.46E-06	6.29E-03	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
412	UCART101	397176.15	3767406.98	397176.15, 3767406.98	1.39538	0.37648	7.84E-03	8.23E-06	7.85E-03	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	1.1E-07	9.7E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
413	UCART102	397221.15	3767406.98	397221.15, 3767406.98	1.63196	0.41189	9.17E-03	9.00E-06	9.18E-03	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
414	UCART103	397266.15	3767406.98	397266.15, 3767406.98	1.69517	0.44356	9.53E-03	9.69E-06	9.54E-03	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.6E-06
415	UCART104	397311.15	3767406.98	397311.15, 3767406.98	1.53817	0.4618	8.65E-03	1.01E-05	8.66E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.4E-06
416	UCART105	397356.15	3767406.98	397356.15, 3767406.98	1.27746	0.46801	7.18E-03	1.02E-05	7.19E-03	2.5E-06	7.5E-06	4.4E-06	3.9E-06	1.8E-06	9.8E-08	8.9E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
417	UCART106	397401.15	3767406.98	397401.15, 3767406.98	0.96088	0.44969	5.40E-03	9.83E-06	5.41E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	6.7E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
418	UCART107	397446.15	3767406.98	397446.15, 3767406.98	0.74947	0.45328	4.21E-03	9.91E-06	4.22E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.7E-08	5.2E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
419	UCART108	397491.15	3767406.98	397491.15, 3767406.98	0.57417	0.45599	3.23E-03	9.97E-06	3.24E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.4E-07
420	UCART109	397536.15	3767406.98	397536.15, 3767406.98	0.43868	0.45705	2.47E-03	9.99E-06	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.0E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
421	UCART110	397581.15	3767406.98	397581.15, 3767406.98	0.33701	0.45166	1.89E-03	9.87E-06	1.90E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
422	UCART111	397626.15	3767406.98	397626.15, 3767406.98	0.26134	0.43369	1.47E-03	9.48E-06	1.48E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
423	UCART112	397671.15	3767406.98	397671.15, 3767406.98	0.20429	0.39774	1.15E-03	8.69E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
424	UCART113	397716.15	3767406.98	397716.15, 3767406.98	0.16429	0.35407	9.23E-04	7.74E-06	9.31E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.7E-08	0.0E+00	0.0E+00	1.5E-07
425	UCART114	397761.15	3767406.98	397761.15, 3767406.98	0.14408	0.3248	8.10E-04	7.10E-06	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.4E-07
426	UCART115	396456.15	3767451.98	396456.15, 3767451.98	0.04956	0.04482	2.79E-04	9.80E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	3.4E-08	8.0E-09	0.0E+00	0.0E+00	4.6E-08
427	UCART116	396501.15	3767451.98	396501.15, 3767451.98	0.05346	0.04822	3.00E-04	1.05E-06	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.5E-08	4.1E-09	3.7E-08	8.6E-09	0.0E+00	0.0E+00	5.0E-08
428	UCART117	396546.15	3767451.98	396546.15, 3767451.98	0.06048	0.05397	3.40E-04	1.18E-06	3.41E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	4.2E-08	9.7E-09	0.0E+00	0.0E+00	5.6E-08
429	UCART118	396591.15	3767451.98	396591.15, 3767451.98	0.07077	0.06199	3.98E-04	1.35E-06	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
430	UCART119	396636.15	3767451.98	396636.15, 3767451.98	0.08822	0.07457	4.96E-04	1.63E-06	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.2E-08
431	UCART120	396681.15	3767451.98	396681.15, 3767451.98	0.11078	0.0896	6.23E-04	1.96E-06	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
432	UCART121	396726.15	3767451.98	396726.15, 3767451.98	0.13797	0.10591	7.75E-04	2.31E-06	7.78E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
433	UCART122	396771.15	3767451.98	396771.15, 3767451.98	0.17654	0.12707	9.92E-04	2.78E-06	9.95E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
434	UCART123	396816.15	3767451.98	396816.15, 3767451.98	0.22193	0.15035	1.25E-03	3.29E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
435	UCART124	396861.15	3767451.98	396861.15, 3767451.98	0.2776	0.1703	1.56E-03	3.72E-06	1.56E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	1.9E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
436	UCART125	396906.15	3767451.98	396906.15, 3767451.98	0.33942	0.1897	1.91E-03	4.15E-06	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
437	UCART126	396951.15	3767451.98	396951.15, 3767451.98	0.40861	0.20763	2.30E-03	4.54E-06	2.30E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.1E-08	2.8E-07	6.6E-08	0.0E+00	0.0E+00	3.8E-07
438	UCART127	396996.15	3767451.98	396996.15, 3767451.98	0.49151	0.22507	2.76E-03	4.92E-06	2.77E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	3.4E-07	7.9E-08	0.0E+00	0.0E+00	4.6E-07
439	UCART128	397041.15	3767451.98	397041.15, 3767451.98	0.57898	0.24085	3.25E-03	5.26E-06	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.4E-08	4.0E-07	9.3E-08	0.0E+00	0.0E+00	5.4E-07
440	UCART129	397086.15	3767451.98	397086.15, 3767451.98	0.68506	0.25941	3.85E-03	5.67E-06	3.86E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.2E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
441	UCART130	397131.15	3767451.98	397131.15, 3767451.98	0.81213	0.28033	4.56E-03	6.13E-06	4.57E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.6E-07
442	UCART131	397176.15	3767451.98	397176.15, 3767451.98	0.96027	0.30426	5.40E-03	6.65E-06	5.40E-03	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	7.3E-08	6.7E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
443	UCART132	397221.15	3767451.98	397221.15, 3767451.98	1.10705	0.33275	6.22E-03	7.27E-06	6.23E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
444	UCART133	397266.15	3767451.98	397266.15, 3767451.98	1.15689	0.35499	6.50E-03	7.76E-06	6.51E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.9E-08	8.0E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
445	UCART134	397311.15	3767451.98	397311.15, 3767451.98	1.11184	0.37312	6.25E-03	8.15E-06	6.26E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
446	UCART135	397356.15	3767451.98	397356.15, 3767451.98	0.97528	0.37906	5.48E-03	8.28E-06	5.49E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	6.8E-07	1.6E-07	0.0E+00	0.0E+00	9.1E-07
447	UCART136	397401.15	3767451.98	397401.15, 3767451.98	0.78728	0.36971	4.42E-03	8.08E-06	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.3E-07
448	UCART137	397446.15	3767451.98	397446.15, 3767451.98	0.63613	0.36832	3.58E-03	8.05E-06	3.58E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
449	UCART138	397491.15	3767451.98	397491.15, 3767451.98	0.50985	0.36916	2.87E-03	8.07E-06	2.87E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	3.5E-07	8.2E-08	0.0E+00	0.0E+00	4.8E-07
450	UCART139	397536.15	3767451.98	397536.15, 3767451.98	0.40491	0.36762	2.28E-03	8.03E-06	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
451	UCART140	397581.15	3767451.98	397581.15, 3767451.98	0.32272	0.36319	1.81E-03	7.94E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
452	UCART141	397626.15	3767451.98	397626.15, 3767451.98	0.25678	0.34893	1.44E-03	7.63E-06	1.45E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
453	UCART142	397671.15	3767451.98	397671.15, 3767451.98	0.20585	0.3252	1.16E-03	7.11E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
454	UCART143	397716.15	3767451.98	397716.15, 3767451.98	0.16693	0.29331	9.38E-04	6.41E-06	9.45E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
455	UCART144	397761.15	3767451.98	397761.15, 3767451.98	0.13885	0.26	7.80E-04	5.68E-06	7.86E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
456	UCART145	396456.15	3767496.98	396456.15, 3767496.98	0.04644	0.04177	2.61E-04	9.13E-07	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	3.2E-08	7.5E-09	0.0E+00	0.0E+00	4.3E-08
457	UCART146	396501.15	3767496.98	396501.15, 3767496.98	0.0508	0.04542	2.86E-04	9.93E-07	2.87E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	3.5E-08	8.2E-09	0.0E+00	0.0E+00	4.7E-08
458	UCART147	396546.15	3767496.98	396546.15, 3767496.98	0.05767	0.0509	3.24E-04	1.11E-06	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	9.3E-09	0.0E+00	0.0E+00	5.4E-08
459	UCART148	396591.15	3767496.98	396591.15, 3767496.98	0.06807	0.05873	3.83E-04	1.28E-06	3.84E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.3E-08
460	UCART149	396636.15	3767496.98	396636.15, 3767496.98	0.0803	0.06747	4.51E-04	1.47E-06	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
461	UCART150	396681.15	3767496.98	396681.15, 3767496.98	0.09388	0.07666	5.28E-04	1.68E-06	5.29E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
462	UCART151	396726.15	3767496.98	396726.15, 3767496.98	0.11507	0.08975	6.47E-04	1.96E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	8.0E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
463	UCART152	396771.15	3767496.98	396771.15, 3767496.98	0.15591	0.11192	8.76E-04	2.45E-06	8.79E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
464	UCART153	396816.15	3767496.98	396816.15, 3767496.98	0.19478	0.13213	1.09E-03	2.89E-06	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
465	UCART154	396861.15	3767496.98	396861.15, 3767496.98	0.23913	0.14927	1.34E-03	3.26E-06	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
466	UCART155	396906.15	3767496.98	396906.15, 3767496.98	0.28601	0.16443	1.61E-03	3.59E-06	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
467	UCART156	396951.15	3767496.98	396951.15, 3767496.98	0.33684	0.17894	1.89E-03	3.91E-06	1.90E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
468	UCART157	396996.15	3767496.98	396996.15, 3767496.98	0.40022	0.19422	2.25E-03	4.24E-06	2.25E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
469	UCART158	397041.15	3767496.98	397041.15, 3767496.98	0.46179	0.2063	2.60E-03	4.51E-06	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
470	UCART159	397086.15	3767496.98	397086.15, 3767496.98	0.53215	0.21947	2.99E-03	4.80E-06	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	3.7E-07	8.5E-08	0.0E+00	0.0E+00	5.0E-07
471	UCART160	397131.15	3767496.98	397131.15, 3767496.98	0.61974	0.23619	3.48E-03	5.16E-06	3.49E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	4.3E-07	1.0E-07	0.0E+00	0.0E+00	5.8E-07
472	UCART161	397176.15	3767496.98	397176.15, 3767496.98	0.716	0.25505	4.02E-03	5.57E-06	4.03E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	5.0E-07	1.1E-07	0.0E+00	0.0E+00	6.7E-07
473	UCART162	397221.15	3767496.98	397221.15, 3767496.98	0.80068	0.2747	4.50E-03	6.00E-06	4.51E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.4E-07
474	UCART163	397266.15	3767496.98	397266.15, 3767496.98	0.84446	0.29286	4.75E-03	6.40E-06	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	7.9E-07
475	UCART164	397311.15	3767496.98	397311.15, 3767496.98	0.82765	0.30606	4.65E-03	6.69E-06	4.66E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.3E-08	5.7E-07	1.3E-07	0.0E+00	0.0E+00	7.7E-07
476	UCART165	397356.15	3767496.98	397356.15, 3767496.98	0.76838	0.3168	4.32E-03	6.92E-06	4.33E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.2E-07
477	UCART166	397401.15	3767496.98	397401.15, 3767496.98	0.65734	0.31387	3.69E-03	6.86E-06	3.70E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
478	UCART167	397446.15	3767496.98	397446.15, 3767496.98	0.54797	0.31054	3.08E-03	6.79E-06	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
479	UCART168	397491.15	3767496.98	397491.15, 3767496.98	0.44746	0.30547	2.51E-03	6.68E-06	2.52E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
480	UCART169	397536.15	3767496.98	397536.15, 3767496.98	0.36706	0.30292	2.06E-03	6.62E-06	2.07E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.5E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
481	UCART170	397581.15	3767496.98	397581.15, 3767496.98	0.30188	0.29925	1.70E-03	6.54E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
482	UCART171	397626.15	3767496.98	397626.15, 3767496.98	0.24666	0.28853	1.39E-03	6.31E-06	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
483	UCART172	397671.15	3767496.98	397671.15, 3767496.98	0.20225	0.27165	1.14E-03	5.94E-06	1.14E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
484	UCART173	397716.15	3767496.98	397716.15, 3767496.98	0.16691	0.24905	9.38E-04	5.44E-06	9.44E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
485	UCART174	397761.15	3767496.98	397761.15, 3767496.98	0.14112	0.22622	7.93E-04	4.94E-06	7.98E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
486	UCART175	396456.15	3767541.98	396456.15, 3767541.98	0.04548	0.04047	2.56E-04	8.85E-07	2.57E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	3.2E-08	7.3E-09	0.0E+00	0.0E+00	4.2E-08
487	UCART176	396501.15	3767541.98	396501.15, 3767541.98	0.04936	0.04367	2.77E-04	9.54E-07	2.78E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	3.4E-08	7.9E-09	0.0E+00	0.0E+00	4.6E-08
488	UCART177	396546.15	3767541.98	396546.15, 3767541.98	0.05476	0.04794	3.08E-04	1.05E-06	3.09E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	3.8E-08	8.8E-09	0.0E+00	0.0E+00	5.1E-08
489	UCART178	396591.15	3767541.98	396591.15, 3767541.98	0.06253	0.05378	3.51E-04	1.18E-06	3.53E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	4.3E-08	1.0E-08	0.0E+00	0.0E+00	5.8E-08
490	UCART179	396636.15	3767541.98	396636.15, 3767541.98	0.06998	0.05923	3.93E-04	1.29E-06	3.95E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
491	UCART180	396681.15	3767541.98	396681.15, 3767541.98	0.08044	0.06642	4.52E-04	1.45E-06	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
492	UCART181	396726.15	3767541.98	396726.15, 3767541.98	0.10118	0.07925	5.69E-04	1.73E-06	5.70E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
493	UCART182	396771.15	3767541.98	396771.15, 3767541.98	0.14286	0.10269	8.03E-04	2.24E-06	8.05E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	9.9E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
494	UCART183	396816.15	3767541.98	396816.15, 3767541.98	0.17163	0.11673	9.65E-04	2.55E-06	9.67E-04	3.3E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
495	UCART184	396861.15	3767541.98	396861.15, 3767541.98	0.20089	0.12787	1.13E-03	2.79E-06	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
496	UCART185	396906.15	3767541.98	396906.15, 3767541.98	0.24515	0.14454	1.38E-03	3.16E-06	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.3E-07
497	UCART186	396951.15	3767541.98	396951.15, 3767541.98	0.28535	0.15711	1.60E-03	3.43E-06	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
498	UCART187	396996.15	3767541.98	396996.15, 3767541.98	0.33493	0.17048	1.88E-03	3.73E-06	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
499	UCART188	397041.15	3767541.98	397041.15, 3767541.98	0.37541	0.17851	2.11E-03	3.90E-06	2.11E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
500	UCART189	397086.15	3767541.98	397086.15, 3767541.98	0.43369	0.19144	2.44E-03	4.18E-06	2.44E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
501	UCART190	397131.15	3767541.98	397131.15, 3767541.98	0.48843	0.20249	2.75E-03	4.43E-06	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
502	UCART191	397176.15	3767541.98	397176.15, 3767541.98	0.54722	0.21535	3.08E-03	4.71E-06	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
503	UCART192	397221.15	3767541.98	397221.15, 3767541.98	0.6053	0.23085	3.40E-03	5.05E-06	3.41E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	4.2E-07	9.7E-08	0.0E+00	0.0E+00	5.6E-07
504	UCART193	397266.15	3767541.98	397266.15, 3767541.98	0.63908	0.24507	3.59E-03	5.36E-06	3.60E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
505	UCART194	397311.15	3767541.98	397311.15, 3767541.98	0.64026	0.25716	3.60E-03	5.62E-06	3.60E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07
506	UCART195	397356.15	3767541.98	397356.15, 3767541.98	0.60782	0.26556	3.42E-03	5.80E-06	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	4.2E-07	9.8E-08	0.0E+00	0.0E+00	5.7E-07
507	UCART196	397401.15	3767541.98	397401.15, 3767541.98	0.54985	0.26958	3.09E-03	5.89E-06	3.10E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
508	UCART197	397446.15	3767541.98	397446.15, 3767541.98	0.45605	0.2577	2.56E-03	5.63E-06	2.57E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.4E-07	3.5E-08	3.2E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
509	UCART198	397491.15	3767541.98	397491.15, 3767541.98	0.38848	0.25599	2.18E-03	5.59E-06	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
510	UCART199	397536.15	3767541.98	397536.15, 3767541.98	0.32837	0.25387	1.85E-03	5.55E-06	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
511	UCART200	397581.15	3767541.98	397581.15, 3767541.98	0.27779	0.25124	1.56E-03	5.49E-06	1.57E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	1.9E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
512	UCART201	397626.15	3767541.98	397626.15, 3767541.98	0.23236	0.24295	1.31E-03	5.31E-06	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.2E-07
513	UCART202	397671.15	3767541.98	397671.15, 3767541.98	0.19333	0.22908	1.09E-03	5.01E-06	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
514	UCART203	397716.15	3767541.98	397716.15, 3767541.98	0.16214	0.21237	9.11E-04	4.64E-06	9.16E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
515	UCART204	397761.15	3767541.98	397761.15, 3767541.98	0.13909	0.19616	7.82E-04	4.29E-06	7.86E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
516	UCART205	396456.15	3767586.98	396456.15, 3767586.98	0.04323	0.03832	2.43E-04	8.38E-07	2.44E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	3.0E-08	7.0E-09	0.0E+00	0.0E+00	4.0E-08
517	UCART206	396501.15	3767586.98	396501.15, 3767586.98	0.04679	0.04121	2.63E-04	9.01E-07	2.64E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	3.3E-08	7.5E-09	0.0E+00	0.0E+00	4.4E-08

518	UCART207	396546.15	3767586.98	396546.15, 3767586.98	0.05136	0.04479	2.89E-04	9.79E-07	2.90E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.2E-08	3.9E-09	3.6E-08	8.3E-09	0.0E+00	0.0E+00	4.8E-08
519	UCART208	396591.15	3767586.98	396591.15, 3767586.98	0.05742	0.04934	3.23E-04	1.08E-06	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	9.2E-09	0.0E+00	0.0E+00	5.4E-08
520	UCART209	396636.15	3767586.98	396636.15, 3767586.98	0.06525	0.05493	3.67E-04	1.20E-06	3.68E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
521	UCART210	396681.15	3767586.98	396681.15, 3767586.98	0.07612	0.06218	4.28E-04	1.36E-06	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
522	UCART211	396726.15	3767586.98	396726.15, 3767586.98	0.10403	0.07877	5.85E-04	1.72E-06	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.7E-08
523	UCART212	396771.15	3767586.98	396771.15, 3767586.98	0.12848	0.09241	7.22E-04	2.02E-06	7.24E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.8E-09	8.9E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
524	UCART213	396816.15	3767586.98	396816.15, 3767586.98	0.1477	0.10126	8.30E-04	2.21E-06	8.32E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
525	UCART214	396861.15	3767586.98	396861.15, 3767586.98	0.17076	0.11137	9.60E-04	2.43E-06	9.62E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
526	UCART215	396906.15	3767586.98	396906.15, 3767586.98	0.20362	0.12444	1.14E-03	2.72E-06	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
527	UCART216	396951.15	3767586.98	396951.15, 3767586.98	0.23103	0.13332	1.30E-03	2.91E-06	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.2E-07
528	UCART217	396996.15	3767586.98	396996.15, 3767586.98	0.27574	0.14748	1.55E-03	3.22E-06	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
529	UCART218	397041.15	3767586.98	397041.15, 3767586.98	0.3154	0.15782	1.77E-03	3.45E-06	1.78E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
530	UCART219	397086.15	3767586.98	397086.15, 3767586.98	0.35613	0.16749	2.00E-03	3.66E-06	2.01E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
531	UCART220	397131.15	3767586.98	397131.15, 3767586.98	0.39601	0.17646	2.23E-03	3.86E-06	2.23E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.0E-08	2.7E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
532	UCART221	397176.15	3767586.98	397176.15, 3767586.98	0.43507	0.1858	2.45E-03	4.06E-06	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
533	UCART222	397221.15	3767586.98	397221.15, 3767586.98	0.46804	0.19524	2.63E-03	4.27E-06	2.63E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
534	UCART223	397266.15	3767586.98	397266.15, 3767586.98	0.49591	0.20703	2.79E-03	4.52E-06	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.4E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
535	UCART224	397311.15	3767586.98	397311.15, 3767586.98	0.4985	0.21543	2.80E-03	4.71E-06	2.81E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.5E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
536	UCART225	397356.15	3767586.98	397356.15, 3767586.98	0.48549	0.22388	2.73E-03	4.89E-06	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
537	UCART226	397401.15	3767586.98	397401.15, 3767586.98	0.44998	0.22763	2.53E-03	4.98E-06	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
538	UCART227	397446.15	3767586.98	397446.15, 3767586.98	0.38422	0.21844	2.16E-03	4.77E-06	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
539	UCART228	397491.15	3767586.98	397491.15, 3767586.98	0.33866	0.2188	1.90E-03	4.78E-06	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.4E-07	5.4E-08	0.0E+00	0.0E+00	3.2E-07
540	UCART229	397536.15	3767586.98	397536.15, 3767586.98	0.29323	0.21693	1.65E-03	4.74E-06	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
541	UCART230	397581.15	3767586.98	397581.15, 3767586.98	0.25253	0.21384	1.42E-03	4.67E-06	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
542	UCART231	397626.15	3767586.98	397626.15, 3767586.98	0.21591	0.20763	1.21E-03	4.54E-06	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
543	UCART232	397671.15	3767586.98	397671.15, 3767586.98	0.18229	0.19622	1.02E-03	4.29E-06	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
544	UCART233	397716.15	3767586.98	397716.15, 3767586.98	0.15546	0.18377	8.74E-04	4.02E-06	8.78E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
545	UCART234	397761.15	3767586.98	397761.15, 3767586.98	0.13427	0.1707	7.55E-04	3.73E-06	7.58E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.3E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
546	UCART235	396456.15	3767631.98	396456.15, 3767631.98	0.03951	0.03517	2.22E-04	7.69E-07	2.23E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	2.7E-08	6.4E-09	0.0E+00	0.0E+00	3.7E-08
547	UCART236	396501.15	3767631.98	396501.15, 3767631.98	0.04349	0.03832	2.44E-04	8.38E-07	2.45E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	3.0E-08	7.0E-09	0.0E+00	0.0E+00	4.1E-08
548	UCART237	396546.15	3767631.98	396546.15, 3767631.98	0.04836	0.04204	2.72E-04	9.19E-07	2.73E-04	9.4E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	3.4E-08	7.8E-09	0.0E+00	0.0E+00	4.5E-08
549	UCART238	396591.15	3767631.98	396591.15, 3767631.98	0.05446	0.04652	3.06E-04	1.02E-06	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	3.8E-08	8.8E-09	0.0E+00	0.0E+00	5.1E-08
550	UCART239	396636.15	3767631.98	396636.15, 3767631.98	0.06254	0.05213	3.52E-04	1.14E-06	3.53E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	4.3E-08	1.0E-08	0.0E+00	0.0E+00	5.8E-08
551	UCART240	396681.15	3767631.98	396681.15, 3767631.98	0.07843	0.0623	4.41E-04	1.36E-06	4.42E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
552	UCART241	396726.15	3767631.98	396726.15, 3767631.98	0.09928	0.07453	5.58E-04	1.63E-06	5.60E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.3E-08
553	UCART242	396771.15	3767631.98	396771.15, 3767631.98	0.11331	0.08204	6.37E-04	1.79E-06	6.39E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
554	UCART243	396816.15	3767631.98	396816.15, 3767631.98	0.12299	0.08686	6.91E-04	1.90E-06	6.93E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	9.4E-09	8.5E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
555	UCART244	396861.15	3767631.98	396861.15, 3767631.98	0.14478	0.097	8.14E-04	2.12E-06	8.16E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.3E-07
556	UCART245	396906.15	3767631.98	396906.15, 3767631.98	0.16915	0.10711	9.51E-04	2.34E-06	9.53E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
557	UCART246	396951.15	3767631.98	396951.15, 3767631.98	0.19048	0.11453	1.07E-03	2.50E-06	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
558	UCART247	396996.15	3767631.98	396996.15, 3767631.98	0.2225	0.12539	1.25E-03	2.74E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
559	UCART248	397041.15	3767631.98	397041.15, 3767631.98	0.2579	0.13634	1.45E-03	2.98E-06	1.45E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
560	UCART249	397086.15	3767631.98	397086.15, 3767631.98	0.29203	0.14582	1.64E-03	3.19E-06	1.64E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
561	UCART250	397131.15	3767631.98	397131.15, 3767631.98	0.32471	0.1544	1.83E-03	3.37E-06	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
562	UCART251	397176.15	3767631.98	397176.15, 3767631.98	0.34732	0.15971	1.95E-03	3.49E-06	1.96E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	2.4E-07	5.6E-08	0.0E+00	0.0E+00	3.2E-07
563	UCART252	397221.15	3767631.98	397221.15, 3767631.98	0.37024	0.16674	2.08E-03	3.64E-06	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
564	UCART253	397266.15	3767631.98	397266.15, 3767631.98	0.39157	0.17597	2.20E-03	3.85E-06	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.6E-07
565	UCART254	397311.15	3767631.98	397311.15, 3767631.98	0.39898	0.18377	2.24E-03	4.02E-06	2.25E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
566	UCART255	397356.15	3767631.98	397356.15, 3767631.98	0.39304	0.19048	2.21E-03	4.16E-06	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.7E-07
567	UCART256	397401.15	3767631.98	397401.15, 3767631.98	0.37229	0.19444	2.09E-03	4.25E-06	2.10E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.2E-07	2.9E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
568	UCART257	397446.15	3767631.98	397446.15, 3767631.98	0.3294	0.1894	1.85E-03	4.14E-06	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
569	UCART258	397491.15	3767631.98	397491.15, 3767631.98	0.2947	0.18876	1.66E-03	4.13E-06	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
570	UCART259	397536.15	3767631.98	397536.15, 3767631.98	0.25998	0.18692	1.46E-03	4.09E-06	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
571	UCART260	397581.15	3767631.98	397581.15, 3767631.98	0.22755	0.18388	1.28E-03	4.02E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
572	UCART261	397626.15	3767631.98	397626.15, 3767631.98	0.19827	0.17916	1.11E-03	3.92E-06	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
573	UCART262	397671.15	3767631.98	397671.15, 3767631.98	0.17096	0.17097	9.61E-04	3.74E-06	9.65E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
574	UCART263	397716.15	3767631.98	397716.15, 3767631.98	0.14795	0.16136	8.32E-04	3.53E-06	8.35E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
575	UCART264	397761.15	3767631.98	397761.15, 3767631.98	0.129	0.15088	7.25E-04	3.30E-06	7.28E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
576	UCART265	396456.15	3767676.98	396456.15, 3767676.98	0.03733	0.0332	2.10E-04	7.26E-07	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	2.6E-08	6.0E-09	0.0E+00	0.0E+00	3.5E-08
577	UCART266	396501.15	3767676.98	396501.15, 3767676.98	0.0412	0.03622	2.32E-04	7.92E-07	2.32E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	2.9E-08	6.6E-09	0.0E+00	0.0E+00	3.8E-08
578	UCART267	396546.15	3767676.98	396546.15, 3767676.98	0.04609	0.03989	2.59E-04	8.72E-07	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	3.2E-08	7.4E-09	0.0E+00	0.0E+00	4.3E-08
579	UCART268	396591.15	3767676.98	396591.15, 3767676.98	0.0517	0.04395	2.91E-04	9.61E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	3.6E-08	8.3E-09	0.0E+00	0.0E+00	4.8E-08
580	UCART269	396636.15	3767676.98	396636.15, 3767676.98	0.06161	0.05063	3.46E-04	1.11E-06	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	4.3E-08	9.9E-09	0.0E+00	0.0E+00	5.7E-08
581	UCART270	396681.15	3767676.98	396681.15, 3767676.98	0.07815	0.0609	4.39E-04	1.33E-06	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
582	UCART271	396726.15	3767676.98	396726.15, 3767676.98	0.08978	0.06772	5.05E-04	1.48E-06	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.4E-08
583	UCART272	396771.15	3767676.98	396771.15, 3767676.98	0.09888	0.0728	5.56E-04	1.59E-06	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.2E-08
584	UCART273	396816.15	3767676.98	396816.15, 3767676.98	0.10613	0.07638	5.97E-04	1.67E-06	5.98E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
585	UCART274	396861.15	3767676.98	396861.15, 3767676.98	0.11974	0.08289	6.73E-04	1.81E-06	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
586	UCART275	396906.15	3767676.98	396906.15, 3767676.98	0.13098	0.08746	7.36E-04	1.91E-06	7.38E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
587	UCART276	396951.15	3767676.98	396951.15, 3767676.98	0.15244	0.09619	8.57E-04	2.10E-06	8.59E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	1.1E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
588	UCART277	396996.15	3767676.98	396996.15, 3767676.98	0.17937	0.10635	1.01E-03	2.32E-06	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
589	UCART278	397041.15	3767676.98	397041.15, 3767676.98	0.20991	0.11703	1.18E-03	2.56E-06	1.18E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
590	UCART279	397086.15	3767676.98	397086.15, 3767676.98	0.2407	0.127	1.35E-03	2.78E-06	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.2E-07
591	UCART280	397131.15	3767676.98	397131.15, 3767676.98	0.27024	0.13613	1.52E-03	2.98E-06	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
592	UCART281	397176.15	3767676.98	397176.15, 3767676.98	0.28799	0.14077	1.62E-03	3.08E-06	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
593	UCART282	397221.15	3767676.98	397221.15, 3767676.98	0.30227	0.14521	1.70E-03	3.17E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
594	UCART283	397266.15	3767676.98	397266.15, 3767676.98	0.31263	0.15002	1.76E-03	3.28E-06	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
595	UCART284	397311.15	3767676.98	397311.15, 3767676.98	0.3242	0.15806	1.82E-03	3.45E-06	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
596	UCART285	397356.15	3767676.98	397356.15, 3767676.98	0.32402	0.16434	1.82E-03	3.59E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
597	UCART286	397401.15	3767676.98	397401.15, 3767676.98	0.3131	0.16874	1.76E-03	3.69E-06	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
598	UCART287	397446.15	3767676.98	397446.15, 3767676.98	0.28342	0.16545	1.59E-03	3.62E-06	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
599	UCART288	397491.15	3767676.98	397491.15, 3767676.98	0.2536	0.16238	1.43E-03	3.55E-06	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
600	UCART289	397536.15	3767676.98	397536.15, 3767676.98	0.23031	0.1627	1.29E-03	3.56E-06	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
601	UCART290	397581.15	3767676.98	397581.15, 3767676.98	0.20565	0.16077	1.16E-03	3.51E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
602	UCART291	397626.15	3767676.98	397626.15, 3767676.98	0.18173	0.15679	1.02E-03	3.43E-06	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
603	UCART292	397671.15	3767676.98	397671.15, 3767676.98	0.15973	0.15096	8.98E-04	3.30E-06	9.01E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
604	UCART293	397716.15	3767676.98	397716.15, 3767676.98	0.14015	0.14346	7.88E-04	3.14E-06	7.91E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
605	UCART294	397761.15	3767676.98	397761.15, 3767676.98	0.12366	0.13526	6.95E-04	2.96E-06	6.98E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	9.5E-09	8.6E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07

Worker Risk (Unmitigated)

Discrete Receptor ID				Construction	Worker Dose	Worker Risk
	X	Y	X, Y	Total	Construction	Construction
1	UCART1	396456.15	3766686.98	396456.15, 3766686.98	3.11E-04	2.1E-07	3.2E-09
2	UCART1	396501.15	3766686.98	396501.15, 3766686.98	3.42E-04	2.3E-07	3.6E-09
3	UCART1	396546.15	3766686.98	396546.15, 3766686.98	3.75E-04	2.5E-07	3.9E-09
4	UCART1	396591.15	3766686.98	396591.15, 3766686.98	4.11E-04	2.7E-07	4.3E-09
5	UCART1	396636.15	3766686.98	396636.15, 3766686.98	4.49E-04	3.0E-07	4.7E-09
6	UCART1	396681.15	3766686.98	396681.15, 3766686.98	4.88E-04	3.2E-07	5.1E-09
7	UCART1	396726.15	3766686.98	396726.15, 3766686.98	5.28E-04	3.5E-07	5.5E-09
8	UCART1	396771.15	3766686.98	396771.15, 3766686.98	5.67E-04	3.8E-07	5.9E-09
9	UCART1	396816.15	3766686.98	396816.15, 3766686.98	6.05E-04	4.0E-07	6.3E-09
10	UCART1	396861.15	3766686.98	396861.15, 3766686.98	6.39E-04	4.2E-07	6.6E-09
11	UCART1	396456.15	3766731.98	396456.15, 3766731.98	3.26E-04	2.2E-07	3.4E-09
12	UCART1	396501.15	3766731.98	396501.15, 3766731.98	3.60E-04	2.4E-07	3.7E-09
13	UCART1	396546.15	3766731.98	396546.15, 3766731.98	4.00E-04	2.6E-07	4.2E-09
14	UCART1	396591.15	3766731.98	396591.15, 3766731.98	4.43E-04	2.9E-07	4.6E-09
15	UCART1	396636.15	3766731.98	396636.15, 3766731.98	4.92E-04	3.3E-07	5.1E-09
16	UCART1	396681.15	3766731.98	396681.15, 3766731.98	5.44E-04	3.6E-07	5.7E-09
17	UCART1	396726.15	3766731.98	396726.15, 3766731.98	5.98E-04	4.0E-07	6.2E-09
18	UCART1	396771.15	3766731.98	396771.15, 3766731.98	6.53E-04	4.3E-07	6.8E-09
19	UCART1	396816.15	3766731.98	396816.15, 3766731.98	7.08E-04	4.7E-07	7.4E-09
20	UCART1	396861.15	3766731.98	396861.15, 3766731.98	7.65E-04	5.1E-07	8.0E-09
21	UCART1	396906.15	3766731.98	396906.15, 3766731.98	8.40E-04	5.6E-07	8.7E-09
22	UCART1	396951.15	3766731.98	396951.15, 3766731.98	8.89E-04	5.9E-07	9.2E-09
23	UCART1	396996.15	3766731.98	396996.15, 3766731.98	8.74E-04	5.8E-07	9.1E-09
24	UCART1	397041.15	3766731.98	397041.15, 3766731.98	8.42E-04	5.6E-07	8.8E-09
25	UCART1	396456.15	3766776.98	396456.15, 3766776.98	3.41E-04	2.3E-07	3.5E-09
26	UCART1	396501.15	3766776.98	396501.15, 3766776.98	3.80E-04	2.5E-07	3.9E-09
27	UCART1	396546.15	3766776.98	396546.15, 3766776.98	4.25E-04	2.8E-07	4.4E-09
28	UCART1	396591.15	3766776.98	396591.15, 3766776.98	4.77E-04	3.2E-07	5.0E-09
29	UCART1	396636.15	3766776.98	396636.15, 3766776.98	5.38E-04	3.6E-07	5.6E-09
30	UCART1	396681.15	3766776.98	396681.15, 3766776.98	6.04E-04	4.0E-07	6.3E-09
31	UCART1	396726.15	3766776.98	396726.15, 3766776.98	6.75E-04	4.5E-07	7.0E-09
32	UCART1	396771.15	3766776.98	396771.15, 3766776.98	7.52E-04	5.0E-07	7.8E-09
33	UCART1	396816.15	3766776.98	396816.15, 3766776.98	8.37E-04	5.5E-07	8.7E-09
34	UCART1	396861.15	3766776.98	396861.15, 3766776.98	9.41E-04	6.2E-07	9.8E-09
35	UCART1	396906.15	3766776.98	396906.15, 3766776.98	1.05E-03	6.9E-07	1.1E-08
36	UCART1	396951.15	3766776.98	396951.15, 3766776.98	1.11E-03	7.4E-07	1.2E-08
37	UCART1	396996.15	3766776.98	396996.15, 3766776.98	1.06E-03	7.0E-07	1.1E-08
38	UCART1	397041.15	3766776.98	397041.15, 3766776.98	1.05E-03	7.0E-07	1.1E-08
39	UCART1	397086.15	3766776.98	397086.15, 3766776.98	1.05E-03	6.9E-07	1.1E-08
40	UCART1	397131.15	3766776.98	397131.15, 3766776.98	1.03E-03	6.8E-07	1.1E-08
41	UCART1	396456.15	3766821.98	396456.15, 3766821.98	3.55E-04	2.3E-07	3.7E-09
42	UCART1	396501.15	3766821.98	396501.15, 3766821.98	3.98E-04	2.6E-07	4.1E-09
43	UCART1	396546.15	3766821.98	396546.15, 3766821.98	4.50E-04	3.0E-07	4.7E-09

44	UCART1	396591.15	3766821.98	396591.15, 3766821.98	5.10E-04	3.4E-07	5.3E-09
45	UCART1	396636.15	3766821.98	396636.15, 3766821.98	5.83E-04	3.9E-07	6.1E-09
46	UCART1	396681.15	3766821.98	396681.15, 3766821.98	6.67E-04	4.4E-07	6.9E-09
47	UCART1	396726.15	3766821.98	396726.15, 3766821.98	7.61E-04	5.0E-07	7.9E-09
48	UCART1	396771.15	3766821.98	396771.15, 3766821.98	8.70E-04	5.8E-07	9.0E-09
49	UCART1	396816.15	3766821.98	396816.15, 3766821.98	1.01E-03	6.7E-07	1.0E-08
50	UCART1	396861.15	3766821.98	396861.15, 3766821.98	1.21E-03	8.0E-07	1.3E-08
51	UCART1	396906.15	3766821.98	396906.15, 3766821.98	1.31E-03	8.7E-07	1.4E-08
52	UCART1	396951.15	3766821.98	396951.15, 3766821.98	1.29E-03	8.5E-07	1.3E-08
53	UCART1	396996.15	3766821.98	396996.15, 3766821.98	1.32E-03	8.7E-07	1.4E-08
54	UCART1	397041.15	3766821.98	397041.15, 3766821.98	1.34E-03	8.9E-07	1.4E-08
55	UCART1	397086.15	3766821.98	397086.15, 3766821.98	1.35E-03	8.9E-07	1.4E-08
56	UCART1	397131.15	3766821.98	397131.15, 3766821.98	1.33E-03	8.8E-07	1.4E-08
57	UCART1	397176.15	3766821.98	397176.15, 3766821.98	1.29E-03	8.5E-07	1.3E-08
58	UCART1	397221.15	3766821.98	397221.15, 3766821.98	1.23E-03	8.1E-07	1.3E-08
59	UCART1	396456.15	3766866.98	396456.15, 3766866.98	3.67E-04	2.4E-07	3.8E-09
60	UCART1	396501.15	3766866.98	396501.15, 3766866.98	4.16E-04	2.8E-07	4.3E-09
61	UCART1	396546.15	3766866.98	396546.15, 3766866.98	4.74E-04	3.1E-07	4.9E-09
62	UCART1	396591.15	3766866.98	396591.15, 3766866.98	5.43E-04	3.6E-07	5.6E-09
63	UCART1	396636.15	3766866.98	396636.15, 3766866.98	6.28E-04	4.2E-07	6.5E-09
64	UCART1	396681.15	3766866.98	396681.15, 3766866.98	7.31E-04	4.8E-07	7.6E-09
65	UCART1	396726.15	3766866.98	396726.15, 3766866.98	8.54E-04	5.7E-07	8.9E-09
66	UCART1	396771.15	3766866.98	396771.15, 3766866.98	1.00E-03	6.6E-07	1.0E-08
67	UCART1	396816.15	3766866.98	396816.15, 3766866.98	1.24E-03	8.2E-07	1.3E-08
68	UCART1	396861.15	3766866.98	396861.15, 3766866.98	1.51E-03	1.0E-06	1.6E-08
69	UCART1	396906.15	3766866.98	396906.15, 3766866.98	1.52E-03	1.0E-06	1.6E-08
70	UCART1	396951.15	3766866.98	396951.15, 3766866.98	1.62E-03	1.1E-06	1.7E-08
71	UCART1	396996.15	3766866.98	396996.15, 3766866.98	1.71E-03	1.1E-06	1.8E-08
72	UCART1	397041.15	3766866.98	397041.15, 3766866.98	1.77E-03	1.2E-06	1.8E-08
73	UCART1	397086.15	3766866.98	397086.15, 3766866.98	1.80E-03	1.2E-06	1.9E-08
74	UCART1	397131.15	3766866.98	397131.15, 3766866.98	1.77E-03	1.2E-06	1.8E-08
75	UCART1	397176.15	3766866.98	397176.15, 3766866.98	1.72E-03	1.1E-06	1.8E-08
76	UCART1	397221.15	3766866.98	397221.15, 3766866.98	1.62E-03	1.1E-06	1.7E-08
77	UCART1	397266.15	3766866.98	397266.15, 3766866.98	1.51E-03	1.0E-06	1.6E-08
78	UCART1	397311.15	3766866.98	397311.15, 3766866.98	1.39E-03	9.2E-07	1.4E-08
79	UCART1	397356.15	3766866.98	397356.15, 3766866.98	1.25E-03	8.3E-07	1.3E-08
80	UCART1	396456.15	3766911.98	396456.15, 3766911.98	3.78E-04	2.5E-07	3.9E-09
81	UCART1	396501.15	3766911.98	396501.15, 3766911.98	4.31E-04	2.8E-07	4.5E-09
82	UCART1	396546.15	3766911.98	396546.15, 3766911.98	4.95E-04	3.3E-07	5.1E-09
83	UCART1	396591.15	3766911.98	396591.15, 3766911.98	5.74E-04	3.8E-07	6.0E-09
84	UCART1	396636.15	3766911.98	396636.15, 3766911.98	6.74E-04	4.5E-07	7.0E-09
85	UCART1	396681.15	3766911.98	396681.15, 3766911.98	7.98E-04	5.3E-07	8.3E-09
86	UCART1	396726.15	3766911.98	396726.15, 3766911.98	9.52E-04	6.3E-07	9.9E-09
87	UCART1	396771.15	3766911.98	396771.15, 3766911.98	1.15E-03	7.6E-07	1.2E-08
88	UCART1	396816.15	3766911.98	396816.15, 3766911.98	1.42E-03	9.4E-07	1.5E-08
89	UCART1	396861.15	3766911.98	396861.15, 3766911.98	1.71E-03	1.1E-06	1.8E-08
90	UCART1	396906.15	3766911.98	396906.15, 3766911.98	1.93E-03	1.3E-06	2.0E-08
91	UCART1	396951.15	3766911.98	396951.15, 3766911.98	2.12E-03	1.4E-06	2.2E-08
92	UCART1	396996.15	3766911.98	396996.15, 3766911.98	2.31E-03	1.5E-06	2.4E-08
93	UCART1	397041.15	3766911.98	397041.15, 3766911.98	2.44E-03	1.6E-06	2.5E-08
94	UCART1	397086.15	3766911.98	397086.15, 3766911.98	2.50E-03	1.7E-06	2.6E-08
95	UCART1	397131.15	3766911.98	397131.15, 3766911.98	2.46E-03	1.6E-06	2.6E-08
96	UCART1	397176.15	3766911.98	397176.15, 3766911.98	2.37E-03	1.6E-06	2.5E-08

97	UCART1	397221.15	3766911.98	397221.15, 3766911.98	2.22E-03	1.5E-06	2.3E-08
98	UCART1	397266.15	3766911.98	397266.15, 3766911.98	2.04E-03	1.4E-06	2.1E-08
99	UCART1	397311.15	3766911.98	397311.15, 3766911.98	1.85E-03	1.2E-06	1.9E-08
100	UCART1	397356.15	3766911.98	397356.15, 3766911.98	1.64E-03	1.1E-06	1.7E-08
101	UCART1	396456.15	3766956.98	396456.15, 3766956.98	3.86E-04	2.6E-07	4.0E-09
102	UCART1	396501.15	3766956.98	396501.15, 3766956.98	4.43E-04	2.9E-07	4.6E-09
103	UCART1	396546.15	3766956.98	396546.15, 3766956.98	5.14E-04	3.4E-07	5.3E-09
104	UCART1	396591.15	3766956.98	396591.15, 3766956.98	6.02E-04	4.0E-07	6.3E-09
105	UCART1	396636.15	3766956.98	396636.15, 3766956.98	7.16E-04	4.7E-07	7.4E-09
106	UCART1	396681.15	3766956.98	396681.15, 3766956.98	8.62E-04	5.7E-07	9.0E-09
107	UCART1	396726.15	3766956.98	396726.15, 3766956.98	1.05E-03	7.0E-07	1.1E-08
108	UCART1	396771.15	3766956.98	396771.15, 3766956.98	1.30E-03	8.6E-07	1.3E-08
109	UCART1	396816.15	3766956.98	396816.15, 3766956.98	1.62E-03	1.1E-06	1.7E-08
110	UCART1	396861.15	3766956.98	396861.15, 3766956.98	2.08E-03	1.4E-06	2.2E-08
111	UCART1	396906.15	3766956.98	396906.15, 3766956.98	2.51E-03	1.7E-06	2.6E-08
112	UCART1	396951.15	3766956.98	396951.15, 3766956.98	2.94E-03	1.9E-06	3.1E-08
113	UCART1	396996.15	3766956.98	396996.15, 3766956.98	3.31E-03	2.2E-06	3.4E-08
114	UCART1	397041.15	3766956.98	397041.15, 3766956.98	3.59E-03	2.4E-06	3.7E-08
115	UCART1	397086.15	3766956.98	397086.15, 3766956.98	3.69E-03	2.4E-06	3.8E-08
116	UCART1	397131.15	3766956.98	397131.15, 3766956.98	3.57E-03	2.4E-06	3.7E-08
117	UCART1	397176.15	3766956.98	397176.15, 3766956.98	3.41E-03	2.3E-06	3.5E-08
118	UCART1	397221.15	3766956.98	397221.15, 3766956.98	3.16E-03	2.1E-06	3.3E-08
119	UCART1	397266.15	3766956.98	397266.15, 3766956.98	2.88E-03	1.9E-06	3.0E-08
120	UCART1	397311.15	3766956.98	397311.15, 3766956.98	2.55E-03	1.7E-06	2.7E-08
121	UCART1	397356.15	3766956.98	397356.15, 3766956.98	2.12E-03	1.4E-06	2.2E-08
122	UCART1	397401.15	3766956.98	397401.15, 3766956.98	1.88E-03	1.2E-06	2.0E-08
123	UCART1	397446.15	3766956.98	397446.15, 3766956.98	1.60E-03	1.1E-06	1.7E-08
124	UCART1	397491.15	3766956.98	397491.15, 3766956.98	1.33E-03	8.8E-07	1.4E-08
125	UCART1	397536.15	3766956.98	397536.15, 3766956.98	1.11E-03	7.3E-07	1.2E-08
126	UCART1	397581.15	3766956.98	397581.15, 3766956.98	9.24E-04	6.1E-07	9.6E-09
127	UCART1	397626.15	3766956.98	397626.15, 3766956.98	7.75E-04	5.1E-07	8.1E-09
128	UCART1	397671.15	3766956.98	397671.15, 3766956.98	6.55E-04	4.3E-07	6.8E-09
129	UCART1	397716.15	3766956.98	397716.15, 3766956.98	5.57E-04	3.7E-07	5.8E-09
130	UCART1	397761.15	3766956.98	397761.15, 3766956.98	4.70E-04	3.1E-07	4.9E-09
131	UCART1	397806.15	3766956.98	397806.15, 3766956.98	4.06E-04	2.7E-07	4.2E-09
132	UCART1	397851.15	3766956.98	397851.15, 3766956.98	3.55E-04	2.3E-07	3.7E-09
133	UCART1	397896.15	3766956.98	397896.15, 3766956.98	3.15E-04	2.1E-07	3.3E-09
134	UCART1	397941.15	3766956.98	397941.15, 3766956.98	2.79E-04	1.8E-07	2.9E-09
135	UCART1	396456.15	3767001.98	396456.15, 3767001.98	3.92E-04	2.6E-07	4.1E-09
136	UCART1	396501.15	3767001.98	396501.15, 3767001.98	4.52E-04	3.0E-07	4.7E-09
137	UCART1	396546.15	3767001.98	396546.15, 3767001.98	5.28E-04	3.5E-07	5.5E-09
138	UCART1	396591.15	3767001.98	396591.15, 3767001.98	6.24E-04	4.1E-07	6.5E-09
139	UCART1	396636.15	3767001.98	396636.15, 3767001.98	7.51E-04	5.0E-07	7.8E-09
140	UCART1	396681.15	3767001.98	396681.15, 3767001.98	9.19E-04	6.1E-07	9.6E-09
141	UCART1	396726.15	3767001.98	396726.15, 3767001.98	1.15E-03	7.6E-07	1.2E-08
142	UCART1	396771.15	3767001.98	396771.15, 3767001.98	1.46E-03	9.6E-07	1.5E-08
143	UCART1	396816.15	3767001.98	396816.15, 3767001.98	1.89E-03	1.2E-06	2.0E-08
144	UCART1	396861.15	3767001.98	396861.15, 3767001.98	2.49E-03	1.6E-06	2.6E-08
145	UCART1	396906.15	3767001.98	396906.15, 3767001.98	3.33E-03	2.2E-06	3.5E-08
146	UCART1	396951.15	3767001.98	396951.15, 3767001.98	4.26E-03	2.8E-06	4.4E-08
147	UCART1	396996.15	3767001.98	396996.15, 3767001.98	5.22E-03	3.5E-06	5.4E-08
148	UCART1	397041.15	3767001.98	397041.15, 3767001.98	5.86E-03	3.9E-06	6.1E-08
149	UCART1	397086.15	3767001.98	397086.15, 3767001.98	6.00E-03	4.0E-06	6.2E-08

150	UCART1	397131.15	3767001.98	397131.15, 3767001.98	5.70E-03	3.8E-06	5.9E-08
151	UCART1	397176.15	3767001.98	397176.15, 3767001.98	5.32E-03	3.5E-06	5.5E-08
152	UCART1	397221.15	3767001.98	397221.15, 3767001.98	4.84E-03	3.2E-06	5.0E-08
153	UCART1	397266.15	3767001.98	397266.15, 3767001.98	4.30E-03	2.8E-06	4.5E-08
154	UCART1	397311.15	3767001.98	397311.15, 3767001.98	3.71E-03	2.5E-06	3.9E-08
155	UCART1	397356.15	3767001.98	397356.15, 3767001.98	2.94E-03	1.9E-06	3.1E-08
156	UCART1	397401.15	3767001.98	397401.15, 3767001.98	2.28E-03	1.5E-06	2.4E-08
157	UCART1	397446.15	3767001.98	397446.15, 3767001.98	2.09E-03	1.4E-06	2.2E-08
158	UCART1	397491.15	3767001.98	397491.15, 3767001.98	1.69E-03	1.1E-06	1.8E-08
159	UCART1	397536.15	3767001.98	397536.15, 3767001.98	1.35E-03	8.9E-07	1.4E-08
160	UCART1	397581.15	3767001.98	397581.15, 3767001.98	1.09E-03	7.2E-07	1.1E-08
161	UCART1	397626.15	3767001.98	397626.15, 3767001.98	8.90E-04	5.9E-07	9.3E-09
162	UCART1	397671.15	3767001.98	397671.15, 3767001.98	7.34E-04	4.9E-07	7.6E-09
163	UCART1	397716.15	3767001.98	397716.15, 3767001.98	6.06E-04	4.0E-07	6.3E-09
164	UCART1	397761.15	3767001.98	397761.15, 3767001.98	5.12E-04	3.4E-07	5.3E-09
165	UCART1	397806.15	3767001.98	397806.15, 3767001.98	4.34E-04	2.9E-07	4.5E-09
166	UCART1	397851.15	3767001.98	397851.15, 3767001.98	3.74E-04	2.5E-07	3.9E-09
167	UCART1	397896.15	3767001.98	397896.15, 3767001.98	3.28E-04	2.2E-07	3.4E-09
168	UCART1	397941.15	3767001.98	397941.15, 3767001.98	2.92E-04	1.9E-07	3.0E-09
169	UCART1	396456.15	3767046.98	396456.15, 3767046.98	3.96E-04	2.6E-07	4.1E-09
170	UCART1	396501.15	3767046.98	396501.15, 3767046.98	4.58E-04	3.0E-07	4.8E-09
171	UCART1	396546.15	3767046.98	396546.15, 3767046.98	5.38E-04	3.6E-07	5.6E-09
172	UCART1	396591.15	3767046.98	396591.15, 3767046.98	6.40E-04	4.2E-07	6.7E-09
173	UCART1	396636.15	3767046.98	396636.15, 3767046.98	7.77E-04	5.1E-07	8.1E-09
174	UCART1	396681.15	3767046.98	396681.15, 3767046.98	9.64E-04	6.4E-07	1.0E-08
175	UCART1	396726.15	3767046.98	396726.15, 3767046.98	1.23E-03	8.1E-07	1.3E-08
176	UCART1	396771.15	3767046.98	396771.15, 3767046.98	1.61E-03	1.1E-06	1.7E-08
177	UCART1	396816.15	3767046.98	396816.15, 3767046.98	2.18E-03	1.4E-06	2.3E-08
178	UCART1	396861.15	3767046.98	396861.15, 3767046.98	3.06E-03	2.0E-06	3.2E-08
179	UCART1	396906.15	3767046.98	396906.15, 3767046.98	4.46E-03	2.9E-06	4.6E-08
180	UCART1	396951.15	3767046.98	396951.15, 3767046.98	6.72E-03	4.4E-06	7.0E-08
181	UCART1	396996.15	3767046.98	396996.15, 3767046.98	9.80E-03	6.5E-06	1.0E-07
182	UCART1	397041.15	3767046.98	397041.15, 3767046.98	1.20E-02	7.9E-06	1.2E-07
183	UCART1	397086.15	3767046.98	397086.15, 3767046.98	1.17E-02	7.7E-06	1.2E-07
184	UCART1	397131.15	3767046.98	397131.15, 3767046.98	1.05E-02	7.0E-06	1.1E-07
185	UCART1	397176.15	3767046.98	397176.15, 3767046.98	9.35E-03	6.2E-06	9.7E-08
186	UCART1	397221.15	3767046.98	397221.15, 3767046.98	8.18E-03	5.4E-06	8.5E-08
187	UCART1	397266.15	3767046.98	397266.15, 3767046.98	7.03E-03	4.6E-06	7.3E-08
188	UCART1	397311.15	3767046.98	397311.15, 3767046.98	5.88E-03	3.9E-06	6.1E-08
189	UCART1	397356.15	3767046.98	397356.15, 3767046.98	4.76E-03	3.2E-06	5.0E-08
190	UCART1	397401.15	3767046.98	397401.15, 3767046.98	3.30E-03	2.2E-06	3.4E-08
191	UCART1	397446.15	3767046.98	397446.15, 3767046.98	2.74E-03	1.8E-06	2.8E-08
192	UCART1	397491.15	3767046.98	397491.15, 3767046.98	2.18E-03	1.4E-06	2.3E-08
193	UCART1	397536.15	3767046.98	397536.15, 3767046.98	1.66E-03	1.1E-06	1.7E-08
194	UCART1	397581.15	3767046.98	397581.15, 3767046.98	1.28E-03	8.5E-07	1.3E-08
195	UCART1	397626.15	3767046.98	397626.15, 3767046.98	1.02E-03	6.8E-07	1.1E-08
196	UCART1	397671.15	3767046.98	397671.15, 3767046.98	8.26E-04	5.5E-07	8.6E-09
197	UCART1	397716.15	3767046.98	397716.15, 3767046.98	6.75E-04	4.5E-07	7.0E-09
198	UCART1	397761.15	3767046.98	397761.15, 3767046.98	5.52E-04	3.7E-07	5.7E-09
199	UCART1	397806.15	3767046.98	397806.15, 3767046.98	4.61E-04	3.1E-07	4.8E-09
200	UCART1	397851.15	3767046.98	397851.15, 3767046.98	3.94E-04	2.6E-07	4.1E-09
201	UCART1	397896.15	3767046.98	397896.15, 3767046.98	3.45E-04	2.3E-07	3.6E-09
202	UCART1	397941.15	3767046.98	397941.15, 3767046.98	3.03E-04	2.0E-07	3.2E-09

203	UCART1	396456.15	3767091.98	396456.15, 3767091.98	3.97E-04	2.6E-07	4.1E-09
204	UCART1	396501.15	3767091.98	396501.15, 3767091.98	4.60E-04	3.0E-07	4.8E-09
205	UCART1	396546.15	3767091.98	396546.15, 3767091.98	5.42E-04	3.6E-07	5.6E-09
206	UCART1	396591.15	3767091.98	396591.15, 3767091.98	6.49E-04	4.3E-07	6.7E-09
207	UCART1	396636.15	3767091.98	396636.15, 3767091.98	7.92E-04	5.2E-07	8.2E-09
208	UCART1	396681.15	3767091.98	396681.15, 3767091.98	9.91E-04	6.6E-07	1.0E-08
209	UCART1	396726.15	3767091.98	396726.15, 3767091.98	1.28E-03	8.5E-07	1.3E-08
210	UCART1	396771.15	3767091.98	396771.15, 3767091.98	1.72E-03	1.1E-06	1.8E-08
211	UCART1	396816.15	3767091.98	396816.15, 3767091.98	2.44E-03	1.6E-06	2.5E-08
212	UCART1	396861.15	3767091.98	396861.15, 3767091.98	3.70E-03	2.4E-06	3.8E-08
213	UCART1	396906.15	3767091.98	396906.15, 3767091.98	6.18E-03	4.1E-06	6.4E-08
214	UCART1	396951.15	3767091.98	396951.15, 3767091.98	1.18E-02	7.8E-06	1.2E-07
215	UCART1	397131.15	3767091.98	397131.15, 3767091.98	2.81E-02	1.9E-05	2.9E-07
216	UCART1	397176.15	3767091.98	397176.15, 3767091.98	2.15E-02	1.4E-05	2.2E-07
217	UCART1	397221.15	3767091.98	397221.15, 3767091.98	1.69E-02	1.1E-05	1.8E-07
218	UCART1	397266.15	3767091.98	397266.15, 3767091.98	1.36E-02	9.0E-06	1.4E-07
219	UCART1	397311.15	3767091.98	397311.15, 3767091.98	1.09E-02	7.2E-06	1.1E-07
220	UCART1	397356.15	3767091.98	397356.15, 3767091.98	8.40E-03	5.6E-06	8.7E-08
221	UCART1	397401.15	3767091.98	397401.15, 3767091.98	5.81E-03	3.8E-06	6.0E-08
222	UCART1	397446.15	3767091.98	397446.15, 3767091.98	3.97E-03	2.6E-06	4.1E-08
223	UCART1	397491.15	3767091.98	397491.15, 3767091.98	2.64E-03	1.7E-06	2.7E-08
224	UCART1	397536.15	3767091.98	397536.15, 3767091.98	1.91E-03	1.3E-06	2.0E-08
225	UCART1	397581.15	3767091.98	397581.15, 3767091.98	1.39E-03	9.2E-07	1.4E-08
226	UCART1	397626.15	3767091.98	397626.15, 3767091.98	1.16E-03	7.7E-07	1.2E-08
227	UCART1	397671.15	3767091.98	397671.15, 3767091.98	9.74E-04	6.4E-07	1.0E-08
228	UCART1	397716.15	3767091.98	397716.15, 3767091.98	7.61E-04	5.0E-07	7.9E-09
229	UCART1	397761.15	3767091.98	397761.15, 3767091.98	6.01E-04	4.0E-07	6.2E-09
230	UCART1	397806.15	3767091.98	397806.15, 3767091.98	4.89E-04	3.2E-07	5.1E-09
231	UCART1	397851.15	3767091.98	397851.15, 3767091.98	4.18E-04	2.8E-07	4.3E-09
232	UCART1	397896.15	3767091.98	397896.15, 3767091.98	3.65E-04	2.4E-07	3.8E-09
233	UCART1	397941.15	3767091.98	397941.15, 3767091.98	3.16E-04	2.1E-07	3.3E-09
234	UCART1	396456.15	3767136.98	396456.15, 3767136.98	3.95E-04	2.6E-07	4.1E-09
235	UCART1	396501.15	3767136.98	396501.15, 3767136.98	4.58E-04	3.0E-07	4.8E-09
236	UCART1	396546.15	3767136.98	396546.15, 3767136.98	5.40E-04	3.6E-07	5.6E-09
237	UCART1	396591.15	3767136.98	396591.15, 3767136.98	6.48E-04	4.3E-07	6.7E-09
238	UCART1	396636.15	3767136.98	396636.15, 3767136.98	7.95E-04	5.3E-07	8.3E-09
239	UCART1	396681.15	3767136.98	396681.15, 3767136.98	9.99E-04	6.6E-07	1.0E-08
240	UCART1	396726.15	3767136.98	396726.15, 3767136.98	1.30E-03	8.6E-07	1.4E-08
241	UCART1	396771.15	3767136.98	396771.15, 3767136.98	1.78E-03	1.2E-06	1.8E-08
242	UCART1	396816.15	3767136.98	396816.15, 3767136.98	2.59E-03	1.7E-06	2.7E-08
243	UCART1	396861.15	3767136.98	396861.15, 3767136.98	4.21E-03	2.8E-06	4.4E-08
244	UCART1	396906.15	3767136.98	396906.15, 3767136.98	8.38E-03	5.5E-06	8.7E-08
245	UCART1	397311.15	3767136.98	397311.15, 3767136.98	2.82E-02	1.9E-05	2.9E-07
246	UCART1	397356.15	3767136.98	397356.15, 3767136.98	1.99E-02	1.3E-05	2.1E-07
247	UCART1	397401.15	3767136.98	397401.15, 3767136.98	1.30E-02	8.6E-06	1.3E-07
248	UCART1	397446.15	3767136.98	397446.15, 3767136.98	6.84E-03	4.5E-06	7.1E-08
249	UCART1	397491.15	3767136.98	397491.15, 3767136.98	3.45E-03	2.3E-06	3.6E-08
250	UCART1	397536.15	3767136.98	397536.15, 3767136.98	2.28E-03	1.5E-06	2.4E-08
251	UCART1	397581.15	3767136.98	397581.15, 3767136.98	1.60E-03	1.1E-06	1.7E-08
252	UCART1	397626.15	3767136.98	397626.15, 3767136.98	1.34E-03	8.9E-07	1.4E-08
253	UCART1	397671.15	3767136.98	397671.15, 3767136.98	1.04E-03	6.9E-07	1.1E-08
254	UCART1	397716.15	3767136.98	397716.15, 3767136.98	8.34E-04	5.5E-07	8.7E-09
255	UCART1	397761.15	3767136.98	397761.15, 3767136.98	6.55E-04	4.3E-07	6.8E-09

256	UCART1	397806.15	3767136.98	397806.15, 3767136.98	5.32E-04	3.5E-07	5.5E-09
257	UCART1	397851.15	3767136.98	397851.15, 3767136.98	4.45E-04	2.9E-07	4.6E-09
258	UCART1	397896.15	3767136.98	397896.15, 3767136.98	3.85E-04	2.5E-07	4.0E-09
259	UCART1	397941.15	3767136.98	397941.15, 3767136.98	3.14E-04	2.1E-07	3.3E-09
260	UCART1	396456.15	3767181.98	396456.15, 3767181.98	3.90E-04	2.6E-07	4.1E-09
261	UCART1	396501.15	3767181.98	396501.15, 3767181.98	4.53E-04	3.0E-07	4.7E-09
262	UCART1	396546.15	3767181.98	396546.15, 3767181.98	5.34E-04	3.5E-07	5.5E-09
263	UCART1	396591.15	3767181.98	396591.15, 3767181.98	6.40E-04	4.2E-07	6.7E-09
264	UCART1	396636.15	3767181.98	396636.15, 3767181.98	7.84E-04	5.2E-07	8.2E-09
265	UCART1	396681.15	3767181.98	396681.15, 3767181.98	9.87E-04	6.5E-07	1.0E-08
266	UCART1	396726.15	3767181.98	396726.15, 3767181.98	1.28E-03	8.5E-07	1.3E-08
267	UCART1	396771.15	3767181.98	396771.15, 3767181.98	1.76E-03	1.2E-06	1.8E-08
268	UCART1	396816.15	3767181.98	396816.15, 3767181.98	2.58E-03	1.7E-06	2.7E-08
269	UCART1	396861.15	3767181.98	396861.15, 3767181.98	4.27E-03	2.8E-06	4.4E-08
270	UCART1	396906.15	3767181.98	396906.15, 3767181.98	8.98E-03	5.9E-06	9.3E-08
271	UCART1	397446.15	3767181.98	397446.15, 3767181.98	1.19E-02	7.9E-06	1.2E-07
272	UCART1	397491.15	3767181.98	397491.15, 3767181.98	4.82E-03	3.2E-06	5.0E-08
273	UCART1	397536.15	3767181.98	397536.15, 3767181.98	2.91E-03	1.9E-06	3.0E-08
274	UCART1	397581.15	3767181.98	397581.15, 3767181.98	2.00E-03	1.3E-06	2.1E-08
275	UCART1	397626.15	3767181.98	397626.15, 3767181.98	1.50E-03	9.9E-07	1.6E-08
276	UCART1	397671.15	3767181.98	397671.15, 3767181.98	1.16E-03	7.7E-07	1.2E-08
277	UCART1	397716.15	3767181.98	397716.15, 3767181.98	8.75E-04	5.8E-07	9.1E-09
278	UCART1	397761.15	3767181.98	397761.15, 3767181.98	7.00E-04	4.6E-07	7.3E-09
279	UCART1	397806.15	3767181.98	397806.15, 3767181.98	5.74E-04	3.8E-07	6.0E-09
280	UCART1	397851.15	3767181.98	397851.15, 3767181.98	4.81E-04	3.2E-07	5.0E-09
281	UCART1	397896.15	3767181.98	397896.15, 3767181.98	4.07E-04	2.7E-07	4.2E-09
282	UCART1	397941.15	3767181.98	397941.15, 3767181.98	3.30E-04	2.2E-07	3.4E-09
283	UCART1	396456.15	3767226.98	396456.15, 3767226.98	3.84E-04	2.5E-07	4.0E-09
284	UCART1	396501.15	3767226.98	396501.15, 3767226.98	4.44E-04	2.9E-07	4.6E-09
285	UCART1	396546.15	3767226.98	396546.15, 3767226.98	5.22E-04	3.5E-07	5.4E-09
286	UCART1	396591.15	3767226.98	396591.15, 3767226.98	6.24E-04	4.1E-07	6.5E-09
287	UCART1	396636.15	3767226.98	396636.15, 3767226.98	7.63E-04	5.0E-07	7.9E-09
288	UCART1	396681.15	3767226.98	396681.15, 3767226.98	9.55E-04	6.3E-07	9.9E-09
289	UCART1	396726.15	3767226.98	396726.15, 3767226.98	1.24E-03	8.2E-07	1.3E-08
290	UCART1	396771.15	3767226.98	396771.15, 3767226.98	1.67E-03	1.1E-06	1.7E-08
291	UCART1	396816.15	3767226.98	396816.15, 3767226.98	2.41E-03	1.6E-06	2.5E-08
292	UCART1	396861.15	3767226.98	396861.15, 3767226.98	3.82E-03	2.5E-06	4.0E-08
293	UCART1	396906.15	3767226.98	396906.15, 3767226.98	6.92E-03	4.6E-06	7.2E-08
294	UCART1	396951.15	3767226.98	396951.15, 3767226.98	1.50E-02	1.0E-05	1.6E-07
295	UCART1	397446.15	3767226.98	397446.15, 3767226.98	1.03E-02	6.8E-06	1.1E-07
296	UCART1	397491.15	3767226.98	397491.15, 3767226.98	4.93E-03	3.3E-06	5.1E-08
297	UCART1	397536.15	3767226.98	397536.15, 3767226.98	3.11E-03	2.1E-06	3.2E-08
298	UCART1	397581.15	3767226.98	397581.15, 3767226.98	2.16E-03	1.4E-06	2.2E-08
299	UCART1	397626.15	3767226.98	397626.15, 3767226.98	1.57E-03	1.0E-06	1.6E-08
300	UCART1	397671.15	3767226.98	397671.15, 3767226.98	1.17E-03	7.8E-07	1.2E-08
301	UCART1	397716.15	3767226.98	397716.15, 3767226.98	9.11E-04	6.0E-07	9.5E-09
302	UCART1	397761.15	3767226.98	397761.15, 3767226.98	7.37E-04	4.9E-07	7.7E-09
303	UCART1	397806.15	3767226.98	397806.15, 3767226.98	6.08E-04	4.0E-07	6.3E-09
304	UCART1	397851.15	3767226.98	397851.15, 3767226.98	5.07E-04	3.4E-07	5.3E-09
305	UCART1	397896.15	3767226.98	397896.15, 3767226.98	4.30E-04	2.8E-07	4.5E-09
306	UCART1	397941.15	3767226.98	397941.15, 3767226.98	3.67E-04	2.4E-07	3.8E-09
307	UCART1	396456.15	3767271.98	396456.15, 3767271.98	3.59E-04	2.4E-07	3.7E-09
308	UCART1	396501.15	3767271.98	396501.15, 3767271.98	4.11E-04	2.7E-07	4.3E-09

309	UCART1	396546.15	3767271.98	396546.15, 3767271.98	4.78E-04	3.2E-07	5.0E-09
310	UCART1	396591.15	3767271.98	396591.15, 3767271.98	5.82E-04	3.9E-07	6.1E-09
311	UCART1	396636.15	3767271.98	396636.15, 3767271.98	7.08E-04	4.7E-07	7.4E-09
312	UCART1	396681.15	3767271.98	396681.15, 3767271.98	8.91E-04	5.9E-07	9.3E-09
313	UCART2	396726.15	3767271.98	396726.15, 3767271.98	1.16E-03	7.7E-07	1.2E-08
314	UCART3	396771.15	3767271.98	396771.15, 3767271.98	1.55E-03	1.0E-06	1.6E-08
315	UCART4	396816.15	3767271.98	396816.15, 3767271.98	2.15E-03	1.4E-06	2.2E-08
316	UCART5	396861.15	3767271.98	396861.15, 3767271.98	3.21E-03	2.1E-06	3.3E-08
317	UCART6	396906.15	3767271.98	396906.15, 3767271.98	4.68E-03	3.1E-06	4.9E-08
318	UCART7	396951.15	3767271.98	396951.15, 3767271.98	7.58E-03	5.0E-06	7.9E-08
319	UCART8	397311.15	3767271.98	397311.15, 3767271.98	4.79E-02	3.2E-05	5.0E-07
320	UCART9	397356.15	3767271.98	397356.15, 3767271.98	2.78E-02	1.8E-05	2.9E-07
321	UCART10	397401.15	3767271.98	397401.15, 3767271.98	1.26E-02	8.3E-06	1.3E-07
322	UCART11	397446.15	3767271.98	397446.15, 3767271.98	7.34E-03	4.9E-06	7.6E-08
323	UCART12	397491.15	3767271.98	397491.15, 3767271.98	4.64E-03	3.1E-06	4.8E-08
324	UCART13	397536.15	3767271.98	397536.15, 3767271.98	2.99E-03	2.0E-06	3.1E-08
325	UCART14	397581.15	3767271.98	397581.15, 3767271.98	2.00E-03	1.3E-06	2.1E-08
326	UCART15	397626.15	3767271.98	397626.15, 3767271.98	1.49E-03	9.9E-07	1.5E-08
327	UCART16	397671.15	3767271.98	397671.15, 3767271.98	1.21E-03	8.0E-07	1.3E-08
328	UCART17	397716.15	3767271.98	397716.15, 3767271.98	9.50E-04	6.3E-07	9.9E-09
329	UCART18	397761.15	3767271.98	397761.15, 3767271.98	7.75E-04	5.1E-07	8.1E-09
330	UCART19	397806.15	3767271.98	397806.15, 3767271.98	6.42E-04	4.2E-07	6.7E-09
331	UCART20	397851.15	3767271.98	397851.15, 3767271.98	5.34E-04	3.5E-07	5.6E-09
332	UCART21	397896.15	3767271.98	397896.15, 3767271.98	4.50E-04	3.0E-07	4.7E-09
333	UCART22	397941.15	3767271.98	397941.15, 3767271.98	3.85E-04	2.5E-07	4.0E-09
334	UCART23	396456.15	3767316.98	396456.15, 3767316.98	3.22E-04	2.1E-07	3.4E-09
335	UCART24	396501.15	3767316.98	396501.15, 3767316.98	3.58E-04	2.4E-07	3.7E-09
336	UCART25	396546.15	3767316.98	396546.15, 3767316.98	4.00E-04	2.6E-07	4.2E-09
337	UCART26	396591.15	3767316.98	396591.15, 3767316.98	4.70E-04	3.1E-07	4.9E-09
338	UCART27	396636.15	3767316.98	396636.15, 3767316.98	5.83E-04	3.9E-07	6.1E-09
339	UCART28	396681.15	3767316.98	396681.15, 3767316.98	7.61E-04	5.0E-07	7.9E-09
340	UCART29	396726.15	3767316.98	396726.15, 3767316.98	9.90E-04	6.5E-07	1.0E-08
341	UCART30	396771.15	3767316.98	396771.15, 3767316.98	1.40E-03	9.3E-07	1.5E-08
342	UCART31	396816.15	3767316.98	396816.15, 3767316.98	1.89E-03	1.3E-06	2.0E-08
343	UCART32	396861.15	3767316.98	396861.15, 3767316.98	2.66E-03	1.8E-06	2.8E-08
344	UCART33	396906.15	3767316.98	396906.15, 3767316.98	3.37E-03	2.2E-06	3.5E-08
345	UCART34	396951.15	3767316.98	396951.15, 3767316.98	4.98E-03	3.3E-06	5.2E-08
346	UCART35	396996.15	3767316.98	396996.15, 3767316.98	7.24E-03	4.8E-06	7.5E-08
347	UCART36	397311.15	3767316.98	397311.15, 3767316.98	2.18E-02	1.4E-05	2.3E-07
348	UCART37	397356.15	3767316.98	397356.15, 3767316.98	1.41E-02	9.3E-06	1.5E-07
349	UCART38	397401.15	3767316.98	397401.15, 3767316.98	8.46E-03	5.6E-06	8.8E-08
350	UCART39	397446.15	3767316.98	397446.15, 3767316.98	5.72E-03	3.8E-06	5.9E-08
351	UCART40	397491.15	3767316.98	397491.15, 3767316.98	3.92E-03	2.6E-06	4.1E-08
352	UCART41	397536.15	3767316.98	397536.15, 3767316.98	2.67E-03	1.8E-06	2.8E-08
353	UCART42	397581.15	3767316.98	397581.15, 3767316.98	1.88E-03	1.2E-06	2.0E-08
354	UCART43	397626.15	3767316.98	397626.15, 3767316.98	1.40E-03	9.3E-07	1.5E-08
355	UCART44	397671.15	3767316.98	397671.15, 3767316.98	1.19E-03	7.9E-07	1.2E-08
356	UCART45	397716.15	3767316.98	397716.15, 3767316.98	9.84E-04	6.5E-07	1.0E-08
357	UCART46	397761.15	3767316.98	397761.15, 3767316.98	7.96E-04	5.3E-07	8.3E-09
358	UCART47	397806.15	3767316.98	397806.15, 3767316.98	6.45E-04	4.3E-07	6.7E-09
359	UCART48	397851.15	3767316.98	397851.15, 3767316.98	5.50E-04	3.6E-07	5.7E-09
360	UCART49	397896.15	3767316.98	397896.15, 3767316.98	4.62E-04	3.1E-07	4.8E-09
361	UCART50	397941.15	3767316.98	397941.15, 3767316.98	4.00E-04	2.6E-07	4.2E-09

362	UCART51	396456.15	3767361.98	396456.15, 3767361.98	3.18E-04	2.1E-07	3.3E-09
363	UCART52	396501.15	3767361.98	396501.15, 3767361.98	3.36E-04	2.2E-07	3.5E-09
364	UCART53	396546.15	3767361.98	396546.15, 3767361.98	3.73E-04	2.5E-07	3.9E-09
365	UCART54	396591.15	3767361.98	396591.15, 3767361.98	4.42E-04	2.9E-07	4.6E-09
366	UCART55	396636.15	3767361.98	396636.15, 3767361.98	5.36E-04	3.5E-07	5.6E-09
367	UCART56	396681.15	3767361.98	396681.15, 3767361.98	7.03E-04	4.7E-07	7.3E-09
368	UCART57	396726.15	3767361.98	396726.15, 3767361.98	9.43E-04	6.2E-07	9.8E-09
369	UCART58	396771.15	3767361.98	396771.15, 3767361.98	1.26E-03	8.3E-07	1.3E-08
370	UCART59	396816.15	3767361.98	396816.15, 3767361.98	1.64E-03	1.1E-06	1.7E-08
371	UCART60	396861.15	3767361.98	396861.15, 3767361.98	2.21E-03	1.5E-06	2.3E-08
372	UCART61	396906.15	3767361.98	396906.15, 3767361.98	2.77E-03	1.8E-06	2.9E-08
373	UCART62	396951.15	3767361.98	396951.15, 3767361.98	3.59E-03	2.4E-06	3.7E-08
374	UCART63	396996.15	3767361.98	396996.15, 3767361.98	5.00E-03	3.3E-06	5.2E-08
375	UCART64	397041.15	3767361.98	397041.15, 3767361.98	6.37E-03	4.2E-06	6.6E-08
376	UCART65	397086.15	3767361.98	397086.15, 3767361.98	7.44E-03	4.9E-06	7.7E-08
377	UCART66	397131.15	3767361.98	397131.15, 3767361.98	9.80E-03	6.5E-06	1.0E-07
378	UCART67	397176.15	3767361.98	397176.15, 3767361.98	1.26E-02	8.3E-06	1.3E-07
379	UCART68	397221.15	3767361.98	397221.15, 3767361.98	1.55E-02	1.0E-05	1.6E-07
380	UCART69	397266.15	3767361.98	397266.15, 3767361.98	1.57E-02	1.0E-05	1.6E-07
381	UCART70	397311.15	3767361.98	397311.15, 3767361.98	1.22E-02	8.1E-06	1.3E-07
382	UCART71	397356.15	3767361.98	397356.15, 3767361.98	9.55E-03	6.3E-06	9.9E-08
383	UCART72	397401.15	3767361.98	397401.15, 3767361.98	6.50E-03	4.3E-06	6.8E-08
384	UCART73	397446.15	3767361.98	397446.15, 3767361.98	4.95E-03	3.3E-06	5.2E-08
385	UCART74	397491.15	3767361.98	397491.15, 3767361.98	3.63E-03	2.4E-06	3.8E-08
386	UCART75	397536.15	3767361.98	397536.15, 3767361.98	2.64E-03	1.7E-06	2.7E-08
387	UCART76	397581.15	3767361.98	397581.15, 3767361.98	1.94E-03	1.3E-06	2.0E-08
388	UCART77	397626.15	3767361.98	397626.15, 3767361.98	1.46E-03	9.6E-07	1.5E-08
389	UCART78	397671.15	3767361.98	397671.15, 3767361.98	1.14E-03	7.5E-07	1.2E-08
390	UCART79	397716.15	3767361.98	397716.15, 3767361.98	9.75E-04	6.5E-07	1.0E-08
391	UCART80	397761.15	3767361.98	397761.15, 3767361.98	8.03E-04	5.3E-07	8.4E-09
392	UCART81	397806.15	3767361.98	397806.15, 3767361.98	6.41E-04	4.2E-07	6.7E-09
393	UCART82	397851.15	3767361.98	397851.15, 3767361.98	5.53E-04	3.7E-07	5.8E-09
394	UCART83	397896.15	3767361.98	397896.15, 3767361.98	4.71E-04	3.1E-07	4.9E-09
395	UCART84	397941.15	3767361.98	397941.15, 3767361.98	4.01E-04	2.7E-07	4.2E-09
396	UCART85	396456.15	3767406.98	396456.15, 3767406.98	3.00E-04	2.0E-07	3.1E-09
397	UCART86	396501.15	3767406.98	396501.15, 3767406.98	3.22E-04	2.1E-07	3.3E-09
398	UCART87	396546.15	3767406.98	396546.15, 3767406.98	3.56E-04	2.4E-07	3.7E-09
399	UCART88	396591.15	3767406.98	396591.15, 3767406.98	4.22E-04	2.8E-07	4.4E-09
400	UCART89	396636.15	3767406.98	396636.15, 3767406.98	5.35E-04	3.5E-07	5.6E-09
401	UCART90	396681.15	3767406.98	396681.15, 3767406.98	6.87E-04	4.5E-07	7.1E-09
402	UCART91	396726.15	3767406.98	396726.15, 3767406.98	8.79E-04	5.8E-07	9.1E-09
403	UCART92	396771.15	3767406.98	396771.15, 3767406.98	1.12E-03	7.4E-07	1.2E-08
404	UCART93	396816.15	3767406.98	396816.15, 3767406.98	1.43E-03	9.5E-07	1.5E-08
405	UCART94	396861.15	3767406.98	396861.15, 3767406.98	1.86E-03	1.2E-06	1.9E-08
406	UCART95	396906.15	3767406.98	396906.15, 3767406.98	2.30E-03	1.5E-06	2.4E-08
407	UCART96	396951.15	3767406.98	396951.15, 3767406.98	2.85E-03	1.9E-06	3.0E-08
408	UCART97	396996.15	3767406.98	396996.15, 3767406.98	3.55E-03	2.4E-06	3.7E-08
409	UCART98	397041.15	3767406.98	397041.15, 3767406.98	4.25E-03	2.8E-06	4.4E-08
410	UCART99	397086.15	3767406.98	397086.15, 3767406.98	5.05E-03	3.3E-06	5.2E-08
411	UCART10	397131.15	3767406.98	397131.15, 3767406.98	6.29E-03	4.2E-06	6.5E-08
412	UCART10	397176.15	3767406.98	397176.15, 3767406.98	7.85E-03	5.2E-06	8.2E-08
413	UCART10	397221.15	3767406.98	397221.15, 3767406.98	9.18E-03	6.1E-06	9.5E-08
414	UCART10	397266.15	3767406.98	397266.15, 3767406.98	9.54E-03	6.3E-06	9.9E-08

415	UCART10	397311.15	3767406.98	397311.15, 3767406.98	8.66E-03	5.7E-06	9.0E-08
416	UCART10	397356.15	3767406.98	397356.15, 3767406.98	7.19E-03	4.8E-06	7.5E-08
417	UCART10	397401.15	3767406.98	397401.15, 3767406.98	5.41E-03	3.6E-06	5.6E-08
418	UCART10	397446.15	3767406.98	397446.15, 3767406.98	4.22E-03	2.8E-06	4.4E-08
419	UCART10	397491.15	3767406.98	397491.15, 3767406.98	3.24E-03	2.1E-06	3.4E-08
420	UCART10	397536.15	3767406.98	397536.15, 3767406.98	2.48E-03	1.6E-06	2.6E-08
421	UCART11	397581.15	3767406.98	397581.15, 3767406.98	1.90E-03	1.3E-06	2.0E-08
422	UCART11	397626.15	3767406.98	397626.15, 3767406.98	1.48E-03	9.8E-07	1.5E-08
423	UCART11	397671.15	3767406.98	397671.15, 3767406.98	1.16E-03	7.7E-07	1.2E-08
424	UCART11	397716.15	3767406.98	397716.15, 3767406.98	9.31E-04	6.2E-07	9.7E-09
425	UCART11	397761.15	3767406.98	397761.15, 3767406.98	8.17E-04	5.4E-07	8.5E-09
426	UCART11	396456.15	3767451.98	396456.15, 3767451.98	2.80E-04	1.8E-07	2.9E-09
427	UCART11	396501.15	3767451.98	396501.15, 3767451.98	3.02E-04	2.0E-07	3.1E-09
428	UCART11	396546.15	3767451.98	396546.15, 3767451.98	3.41E-04	2.3E-07	3.5E-09
429	UCART11	396591.15	3767451.98	396591.15, 3767451.98	3.99E-04	2.6E-07	4.1E-09
430	UCART11	396636.15	3767451.98	396636.15, 3767451.98	4.97E-04	3.3E-07	5.2E-09
431	UCART12	396681.15	3767451.98	396681.15, 3767451.98	6.25E-04	4.1E-07	6.5E-09
432	UCART12	396726.15	3767451.98	396726.15, 3767451.98	7.78E-04	5.1E-07	8.1E-09
433	UCART12	396771.15	3767451.98	396771.15, 3767451.98	9.95E-04	6.6E-07	1.0E-08
434	UCART12	396816.15	3767451.98	396816.15, 3767451.98	1.25E-03	8.3E-07	1.3E-08
435	UCART12	396861.15	3767451.98	396861.15, 3767451.98	1.56E-03	1.0E-06	1.6E-08
436	UCART12	396906.15	3767451.98	396906.15, 3767451.98	1.91E-03	1.3E-06	2.0E-08
437	UCART12	396951.15	3767451.98	396951.15, 3767451.98	2.30E-03	1.5E-06	2.4E-08
438	UCART12	396996.15	3767451.98	396996.15, 3767451.98	2.77E-03	1.8E-06	2.9E-08
439	UCART12	397041.15	3767451.98	397041.15, 3767451.98	3.26E-03	2.2E-06	3.4E-08
440	UCART12	397086.15	3767451.98	397086.15, 3767451.98	3.86E-03	2.6E-06	4.0E-08
441	UCART13	397131.15	3767451.98	397131.15, 3767451.98	4.57E-03	3.0E-06	4.8E-08
442	UCART13	397176.15	3767451.98	397176.15, 3767451.98	5.40E-03	3.6E-06	5.6E-08
443	UCART13	397221.15	3767451.98	397221.15, 3767451.98	6.23E-03	4.1E-06	6.5E-08
444	UCART13	397266.15	3767451.98	397266.15, 3767451.98	6.51E-03	4.3E-06	6.8E-08
445	UCART13	397311.15	3767451.98	397311.15, 3767451.98	6.26E-03	4.1E-06	6.5E-08
446	UCART13	397356.15	3767451.98	397356.15, 3767451.98	5.49E-03	3.6E-06	5.7E-08
447	UCART13	397401.15	3767451.98	397401.15, 3767451.98	4.43E-03	2.9E-06	4.6E-08
448	UCART13	397446.15	3767451.98	397446.15, 3767451.98	3.58E-03	2.4E-06	3.7E-08
449	UCART13	397491.15	3767451.98	397491.15, 3767451.98	2.87E-03	1.9E-06	3.0E-08
450	UCART13	397536.15	3767451.98	397536.15, 3767451.98	2.28E-03	1.5E-06	2.4E-08
451	UCART14	397581.15	3767451.98	397581.15, 3767451.98	1.82E-03	1.2E-06	1.9E-08
452	UCART14	397626.15	3767451.98	397626.15, 3767451.98	1.45E-03	9.6E-07	1.5E-08
453	UCART14	397671.15	3767451.98	397671.15, 3767451.98	1.16E-03	7.7E-07	1.2E-08
454	UCART14	397716.15	3767451.98	397716.15, 3767451.98	9.45E-04	6.3E-07	9.8E-09
455	UCART14	397761.15	3767451.98	397761.15, 3767451.98	7.86E-04	5.2E-07	8.2E-09
456	UCART14	396456.15	3767496.98	396456.15, 3767496.98	2.62E-04	1.7E-07	2.7E-09
457	UCART14	396501.15	3767496.98	396501.15, 3767496.98	2.87E-04	1.9E-07	3.0E-09
458	UCART14	396546.15	3767496.98	396546.15, 3767496.98	3.25E-04	2.2E-07	3.4E-09
459	UCART14	396591.15	3767496.98	396591.15, 3767496.98	3.84E-04	2.5E-07	4.0E-09
460	UCART14	396636.15	3767496.98	396636.15, 3767496.98	4.53E-04	3.0E-07	4.7E-09
461	UCART15	396681.15	3767496.98	396681.15, 3767496.98	5.29E-04	3.5E-07	5.5E-09
462	UCART15	396726.15	3767496.98	396726.15, 3767496.98	6.49E-04	4.3E-07	6.7E-09
463	UCART15	396771.15	3767496.98	396771.15, 3767496.98	8.79E-04	5.8E-07	9.1E-09
464	UCART15	396816.15	3767496.98	396816.15, 3767496.98	1.10E-03	7.3E-07	1.1E-08
465	UCART15	396861.15	3767496.98	396861.15, 3767496.98	1.35E-03	8.9E-07	1.4E-08
466	UCART15	396906.15	3767496.98	396906.15, 3767496.98	1.61E-03	1.1E-06	1.7E-08
467	UCART15	396951.15	3767496.98	396951.15, 3767496.98	1.90E-03	1.3E-06	2.0E-08

468	UCART15	396996.15	3767496.98	396996.15, 3767496.98	2.25E-03	1.5E-06	2.3E-08
469	UCART15	397041.15	3767496.98	397041.15, 3767496.98	2.60E-03	1.7E-06	2.7E-08
470	UCART15	397086.15	3767496.98	397086.15, 3767496.98	3.00E-03	2.0E-06	3.1E-08
471	UCART16	397131.15	3767496.98	397131.15, 3767496.98	3.49E-03	2.3E-06	3.6E-08
472	UCART16	397176.15	3767496.98	397176.15, 3767496.98	4.03E-03	2.7E-06	4.2E-08
473	UCART16	397221.15	3767496.98	397221.15, 3767496.98	4.51E-03	3.0E-06	4.7E-08
474	UCART16	397266.15	3767496.98	397266.15, 3767496.98	4.75E-03	3.1E-06	4.9E-08
475	UCART16	397311.15	3767496.98	397311.15, 3767496.98	4.66E-03	3.1E-06	4.8E-08
476	UCART16	397356.15	3767496.98	397356.15, 3767496.98	4.33E-03	2.9E-06	4.5E-08
477	UCART16	397401.15	3767496.98	397401.15, 3767496.98	3.70E-03	2.4E-06	3.8E-08
478	UCART16	397446.15	3767496.98	397446.15, 3767496.98	3.09E-03	2.0E-06	3.2E-08
479	UCART16	397491.15	3767496.98	397491.15, 3767496.98	2.52E-03	1.7E-06	2.6E-08
480	UCART16	397536.15	3767496.98	397536.15, 3767496.98	2.07E-03	1.4E-06	2.2E-08
481	UCART17	397581.15	3767496.98	397581.15, 3767496.98	1.70E-03	1.1E-06	1.8E-08
482	UCART17	397626.15	3767496.98	397626.15, 3767496.98	1.39E-03	9.2E-07	1.4E-08
483	UCART17	397671.15	3767496.98	397671.15, 3767496.98	1.14E-03	7.6E-07	1.2E-08
484	UCART17	397716.15	3767496.98	397716.15, 3767496.98	9.44E-04	6.2E-07	9.8E-09
485	UCART17	397761.15	3767496.98	397761.15, 3767496.98	7.98E-04	5.3E-07	8.3E-09
486	UCART17	396456.15	3767541.98	396456.15, 3767541.98	2.57E-04	1.7E-07	2.7E-09
487	UCART17	396501.15	3767541.98	396501.15, 3767541.98	2.78E-04	1.8E-07	2.9E-09
488	UCART17	396546.15	3767541.98	396546.15, 3767541.98	3.09E-04	2.0E-07	3.2E-09
489	UCART17	396591.15	3767541.98	396591.15, 3767541.98	3.53E-04	2.3E-07	3.7E-09
490	UCART17	396636.15	3767541.98	396636.15, 3767541.98	3.95E-04	2.6E-07	4.1E-09
491	UCART18	396681.15	3767541.98	396681.15, 3767541.98	4.54E-04	3.0E-07	4.7E-09
492	UCART18	396726.15	3767541.98	396726.15, 3767541.98	5.70E-04	3.8E-07	5.9E-09
493	UCART18	396771.15	3767541.98	396771.15, 3767541.98	8.05E-04	5.3E-07	8.4E-09
494	UCART18	396816.15	3767541.98	396816.15, 3767541.98	9.67E-04	6.4E-07	1.0E-08
495	UCART18	396861.15	3767541.98	396861.15, 3767541.98	1.13E-03	7.5E-07	1.2E-08
496	UCART18	396906.15	3767541.98	396906.15, 3767541.98	1.38E-03	9.1E-07	1.4E-08
497	UCART18	396951.15	3767541.98	396951.15, 3767541.98	1.61E-03	1.1E-06	1.7E-08
498	UCART18	396996.15	3767541.98	396996.15, 3767541.98	1.89E-03	1.2E-06	2.0E-08
499	UCART18	397041.15	3767541.98	397041.15, 3767541.98	2.11E-03	1.4E-06	2.2E-08
500	UCART18	397086.15	3767541.98	397086.15, 3767541.98	2.44E-03	1.6E-06	2.5E-08
501	UCART19	397131.15	3767541.98	397131.15, 3767541.98	2.75E-03	1.8E-06	2.9E-08
502	UCART19	397176.15	3767541.98	397176.15, 3767541.98	3.08E-03	2.0E-06	3.2E-08
503	UCART19	397221.15	3767541.98	397221.15, 3767541.98	3.41E-03	2.3E-06	3.5E-08
504	UCART19	397266.15	3767541.98	397266.15, 3767541.98	3.60E-03	2.4E-06	3.7E-08
505	UCART19	397311.15	3767541.98	397311.15, 3767541.98	3.60E-03	2.4E-06	3.7E-08
506	UCART19	397356.15	3767541.98	397356.15, 3767541.98	3.42E-03	2.3E-06	3.6E-08
507	UCART19	397401.15	3767541.98	397401.15, 3767541.98	3.10E-03	2.0E-06	3.2E-08
508	UCART19	397446.15	3767541.98	397446.15, 3767541.98	2.57E-03	1.7E-06	2.7E-08
509	UCART19	397491.15	3767541.98	397491.15, 3767541.98	2.19E-03	1.4E-06	2.3E-08
510	UCART19	397536.15	3767541.98	397536.15, 3767541.98	1.85E-03	1.2E-06	1.9E-08
511	UCART20	397581.15	3767541.98	397581.15, 3767541.98	1.57E-03	1.0E-06	1.6E-08
512	UCART20	397626.15	3767541.98	397626.15, 3767541.98	1.31E-03	8.7E-07	1.4E-08
513	UCART20	397671.15	3767541.98	397671.15, 3767541.98	1.09E-03	7.2E-07	1.1E-08
514	UCART20	397716.15	3767541.98	397716.15, 3767541.98	9.16E-04	6.1E-07	9.5E-09
515	UCART20	397761.15	3767541.98	397761.15, 3767541.98	7.86E-04	5.2E-07	8.2E-09
516	UCART20	396456.15	3767586.98	396456.15, 3767586.98	2.44E-04	1.6E-07	2.5E-09
517	UCART20	396501.15	3767586.98	396501.15, 3767586.98	2.64E-04	1.7E-07	2.7E-09
518	UCART20	396546.15	3767586.98	396546.15, 3767586.98	2.90E-04	1.9E-07	3.0E-09
519	UCART20	396591.15	3767586.98	396591.15, 3767586.98	3.24E-04	2.1E-07	3.4E-09
520	UCART20	396636.15	3767586.98	396636.15, 3767586.98	3.68E-04	2.4E-07	3.8E-09

521	UCART21	396681.15	3767586.98	396681.15, 3767586.98	4.29E-04	2.8E-07	4.5E-09
522	UCART21	396726.15	3767586.98	396726.15, 3767586.98	5.86E-04	3.9E-07	6.1E-09
523	UCART21	396771.15	3767586.98	396771.15, 3767586.98	7.24E-04	4.8E-07	7.5E-09
524	UCART21	396816.15	3767586.98	396816.15, 3767586.98	8.32E-04	5.5E-07	8.7E-09
525	UCART21	396861.15	3767586.98	396861.15, 3767586.98	9.62E-04	6.4E-07	1.0E-08
526	UCART21	396906.15	3767586.98	396906.15, 3767586.98	1.15E-03	7.6E-07	1.2E-08
527	UCART21	396951.15	3767586.98	396951.15, 3767586.98	1.30E-03	8.6E-07	1.4E-08
528	UCART21	396996.15	3767586.98	396996.15, 3767586.98	1.55E-03	1.0E-06	1.6E-08
529	UCART21	397041.15	3767586.98	397041.15, 3767586.98	1.78E-03	1.2E-06	1.8E-08
530	UCART21	397086.15	3767586.98	397086.15, 3767586.98	2.01E-03	1.3E-06	2.1E-08
531	UCART22	397131.15	3767586.98	397131.15, 3767586.98	2.23E-03	1.5E-06	2.3E-08
532	UCART22	397176.15	3767586.98	397176.15, 3767586.98	2.45E-03	1.6E-06	2.5E-08
533	UCART22	397221.15	3767586.98	397221.15, 3767586.98	2.63E-03	1.7E-06	2.7E-08
534	UCART22	397266.15	3767586.98	397266.15, 3767586.98	2.79E-03	1.8E-06	2.9E-08
535	UCART22	397311.15	3767586.98	397311.15, 3767586.98	2.81E-03	1.9E-06	2.9E-08
536	UCART22	397356.15	3767586.98	397356.15, 3767586.98	2.73E-03	1.8E-06	2.8E-08
537	UCART22	397401.15	3767586.98	397401.15, 3767586.98	2.53E-03	1.7E-06	2.6E-08
538	UCART22	397446.15	3767586.98	397446.15, 3767586.98	2.16E-03	1.4E-06	2.3E-08
539	UCART22	397491.15	3767586.98	397491.15, 3767586.98	1.91E-03	1.3E-06	2.0E-08
540	UCART22	397536.15	3767586.98	397536.15, 3767586.98	1.65E-03	1.1E-06	1.7E-08
541	UCART23	397581.15	3767586.98	397581.15, 3767586.98	1.42E-03	9.4E-07	1.5E-08
542	UCART23	397626.15	3767586.98	397626.15, 3767586.98	1.22E-03	8.1E-07	1.3E-08
543	UCART23	397671.15	3767586.98	397671.15, 3767586.98	1.03E-03	6.8E-07	1.1E-08
544	UCART23	397716.15	3767586.98	397716.15, 3767586.98	8.78E-04	5.8E-07	9.1E-09
545	UCART23	397761.15	3767586.98	397761.15, 3767586.98	7.58E-04	5.0E-07	7.9E-09
546	UCART23	396456.15	3767631.98	396456.15, 3767631.98	2.23E-04	1.5E-07	2.3E-09
547	UCART23	396501.15	3767631.98	396501.15, 3767631.98	2.45E-04	1.6E-07	2.6E-09
548	UCART23	396546.15	3767631.98	396546.15, 3767631.98	2.73E-04	1.8E-07	2.8E-09
549	UCART23	396591.15	3767631.98	396591.15, 3767631.98	3.07E-04	2.0E-07	3.2E-09
550	UCART23	396636.15	3767631.98	396636.15, 3767631.98	3.53E-04	2.3E-07	3.7E-09
551	UCART24	396681.15	3767631.98	396681.15, 3767631.98	4.42E-04	2.9E-07	4.6E-09
552	UCART24	396726.15	3767631.98	396726.15, 3767631.98	5.60E-04	3.7E-07	5.8E-09
553	UCART24	396771.15	3767631.98	396771.15, 3767631.98	6.39E-04	4.2E-07	6.6E-09
554	UCART24	396816.15	3767631.98	396816.15, 3767631.98	6.93E-04	4.6E-07	7.2E-09
555	UCART24	396861.15	3767631.98	396861.15, 3767631.98	8.16E-04	5.4E-07	8.5E-09
556	UCART24	396906.15	3767631.98	396906.15, 3767631.98	9.53E-04	6.3E-07	9.9E-09
557	UCART24	396951.15	3767631.98	396951.15, 3767631.98	1.07E-03	7.1E-07	1.1E-08
558	UCART24	396996.15	3767631.98	396996.15, 3767631.98	1.25E-03	8.3E-07	1.3E-08
559	UCART24	397041.15	3767631.98	397041.15, 3767631.98	1.45E-03	9.6E-07	1.5E-08
560	UCART24	397086.15	3767631.98	397086.15, 3767631.98	1.64E-03	1.1E-06	1.7E-08
561	UCART25	397131.15	3767631.98	397131.15, 3767631.98	1.83E-03	1.2E-06	1.9E-08
562	UCART25	397176.15	3767631.98	397176.15, 3767631.98	1.96E-03	1.3E-06	2.0E-08
563	UCART25	397221.15	3767631.98	397221.15, 3767631.98	2.08E-03	1.4E-06	2.2E-08
564	UCART25	397266.15	3767631.98	397266.15, 3767631.98	2.20E-03	1.5E-06	2.3E-08
565	UCART25	397311.15	3767631.98	397311.15, 3767631.98	2.25E-03	1.5E-06	2.3E-08
566	UCART25	397356.15	3767631.98	397356.15, 3767631.98	2.21E-03	1.5E-06	2.3E-08
567	UCART25	397401.15	3767631.98	397401.15, 3767631.98	2.10E-03	1.4E-06	2.2E-08
568	UCART25	397446.15	3767631.98	397446.15, 3767631.98	1.86E-03	1.2E-06	1.9E-08
569	UCART25	397491.15	3767631.98	397491.15, 3767631.98	1.66E-03	1.1E-06	1.7E-08
570	UCART25	397536.15	3767631.98	397536.15, 3767631.98	1.47E-03	9.7E-07	1.5E-08
571	UCART26	397581.15	3767631.98	397581.15, 3767631.98	1.28E-03	8.5E-07	1.3E-08
572	UCART26	397626.15	3767631.98	397626.15, 3767631.98	1.12E-03	7.4E-07	1.2E-08
573	UCART26	397671.15	3767631.98	397671.15, 3767631.98	9.65E-04	6.4E-07	1.0E-08

574	UCART26	397716.15	3767631.98	397716.15, 3767631.98	8.35E-04	5.5E-07	8.7E-09
575	UCART26	397761.15	3767631.98	397761.15, 3767631.98	7.28E-04	4.8E-07	7.6E-09
576	UCART26	396456.15	3767676.98	396456.15, 3767676.98	2.11E-04	1.4E-07	2.2E-09
577	UCART26	396501.15	3767676.98	396501.15, 3767676.98	2.32E-04	1.5E-07	2.4E-09
578	UCART26	396546.15	3767676.98	396546.15, 3767676.98	2.60E-04	1.7E-07	2.7E-09
579	UCART26	396591.15	3767676.98	396591.15, 3767676.98	2.92E-04	1.9E-07	3.0E-09
580	UCART26	396636.15	3767676.98	396636.15, 3767676.98	3.47E-04	2.3E-07	3.6E-09
581	UCART27	396681.15	3767676.98	396681.15, 3767676.98	4.41E-04	2.9E-07	4.6E-09
582	UCART27	396726.15	3767676.98	396726.15, 3767676.98	5.06E-04	3.3E-07	5.3E-09
583	UCART27	396771.15	3767676.98	396771.15, 3767676.98	5.57E-04	3.7E-07	5.8E-09
584	UCART27	396816.15	3767676.98	396816.15, 3767676.98	5.98E-04	4.0E-07	6.2E-09
585	UCART27	396861.15	3767676.98	396861.15, 3767676.98	6.75E-04	4.5E-07	7.0E-09
586	UCART27	396906.15	3767676.98	396906.15, 3767676.98	7.38E-04	4.9E-07	7.7E-09
587	UCART27	396951.15	3767676.98	396951.15, 3767676.98	8.59E-04	5.7E-07	8.9E-09
588	UCART27	396996.15	3767676.98	396996.15, 3767676.98	1.01E-03	6.7E-07	1.1E-08
589	UCART27	397041.15	3767676.98	397041.15, 3767676.98	1.18E-03	7.8E-07	1.2E-08
590	UCART27	397086.15	3767676.98	397086.15, 3767676.98	1.36E-03	9.0E-07	1.4E-08
591	UCART28	397131.15	3767676.98	397131.15, 3767676.98	1.52E-03	1.0E-06	1.6E-08
592	UCART28	397176.15	3767676.98	397176.15, 3767676.98	1.62E-03	1.1E-06	1.7E-08
593	UCART28	397221.15	3767676.98	397221.15, 3767676.98	1.70E-03	1.1E-06	1.8E-08
594	UCART28	397266.15	3767676.98	397266.15, 3767676.98	1.76E-03	1.2E-06	1.8E-08
595	UCART28	397311.15	3767676.98	397311.15, 3767676.98	1.83E-03	1.2E-06	1.9E-08
596	UCART28	397356.15	3767676.98	397356.15, 3767676.98	1.82E-03	1.2E-06	1.9E-08
597	UCART28	397401.15	3767676.98	397401.15, 3767676.98	1.76E-03	1.2E-06	1.8E-08
598	UCART28	397446.15	3767676.98	397446.15, 3767676.98	1.60E-03	1.1E-06	1.7E-08
599	UCART28	397491.15	3767676.98	397491.15, 3767676.98	1.43E-03	9.5E-07	1.5E-08
600	UCART28	397536.15	3767676.98	397536.15, 3767676.98	1.30E-03	8.6E-07	1.3E-08
601	UCART29	397581.15	3767676.98	397581.15, 3767676.98	1.16E-03	7.7E-07	1.2E-08
602	UCART29	397626.15	3767676.98	397626.15, 3767676.98	1.02E-03	6.8E-07	1.1E-08
603	UCART29	397671.15	3767676.98	397671.15, 3767676.98	9.01E-04	6.0E-07	9.4E-09
604	UCART29	397716.15	3767676.98	397716.15, 3767676.98	7.91E-04	5.2E-07	8.2E-09
605	UCART29	397761.15	3767676.98	397761.15, 3767676.98	6.98E-04	4.6E-07	7.3E-09

Risk Summary

Residential Exposure
Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Residences West	396951.15	3767226.98	396951.15, 3767226.98	294	0.015047396	2.48747E-06	2.48746849	1.00E-05	LTS
Cancer Burden	396951.15	3767226.98	396951.15, 3767226.98	294	0.015047396	2.48747E-06	2.48746849	1.00E-05	LTS

Worker Exposure
Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Worker South	397131.15	3767046.98	397131.15, 3767046.98	184	0.010531286	1.09497E-07	0.109496518	1.00E-05	LTS

Table XX: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1, 2]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential	2.49	10	**No**
Worker	0.11	10	**No**

Table XX: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration ($\mu g/m^3$) [1, 2]	Chronic Hazard [1]
Construction		
Residential	0.0150	0.0030
Worker	0.0105	0.0021
SCAQMD Threshold	*N/A*	*1*
Threshold Exceeded?	**N/A**	**No**

[1] Refer to Appendix A. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.

[2] The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

REL (DPM): 5

Hazard Index = Ci/RELi

Risk Parameters

Phase I Construction Only (Start 3rd Tri)

0<2	1090	10	0.85	0.750
2<9	631	3	0.72	1
9<16	572	3	0.72	0
16<30	261	1	0.73	0
*Breathing rates are 95th percentile for 3rd to 2 and 80th percentile for 2				2

230	ft, distance to edge of 2 in one million risk isopleth	350	ft, distance to edge of 1 in one million risk isopleth
166,106	sq ft, area of circle with radius of 230 ft	384,650	sq ft, area of circle with radius of 350 ft
3.59E-08	sq miles/sq ft, conversion rate	3.59E-08	sq miles/sq ft, conversion rate
0.0060	sq miles	0.0138	sq miles
		218,544	sq ft, Area under the 1 in-one-million "ring"
		0.0078	sq miles, Area under the 1 in-one-million "ring"
61096	people City-wide	61096	people City-wide
7.7	sq miles	7.7	sq miles
7934.545455	people/sq mile	7934.545455	people/sq mile
47.263	people	62.18	people
2.49E-06	Average Cancer Risk in the 2 in one million isopleth	1.50E-06	Average Cancer Risk in the 1 in one million isopleth

0.0002 **Total Cancer Burden**