Kimley»Horn

MEMORANDUM

To: Danae Hall, Kimley-Horn

From: Noemi Wyss AICP, Environmental Planner, Kimley-Horn
Sophia La Herran, Environmental Analyst, Kimley-Horn

Date: January 26, 2024

Subject: 1921-1927 West San Carlos Street Project – Health Risk Assessment

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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 1921-1927 West San Carlos Street Project (Project). This HRA was prepared in accordance with the requirements of the Bay Area Air Quality Management District (BAAQMD) and guidance from the Office of Environmental Health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project. The emissions modeling outputs used in this HRA are provided in **Appendix A: Modeling Data**.

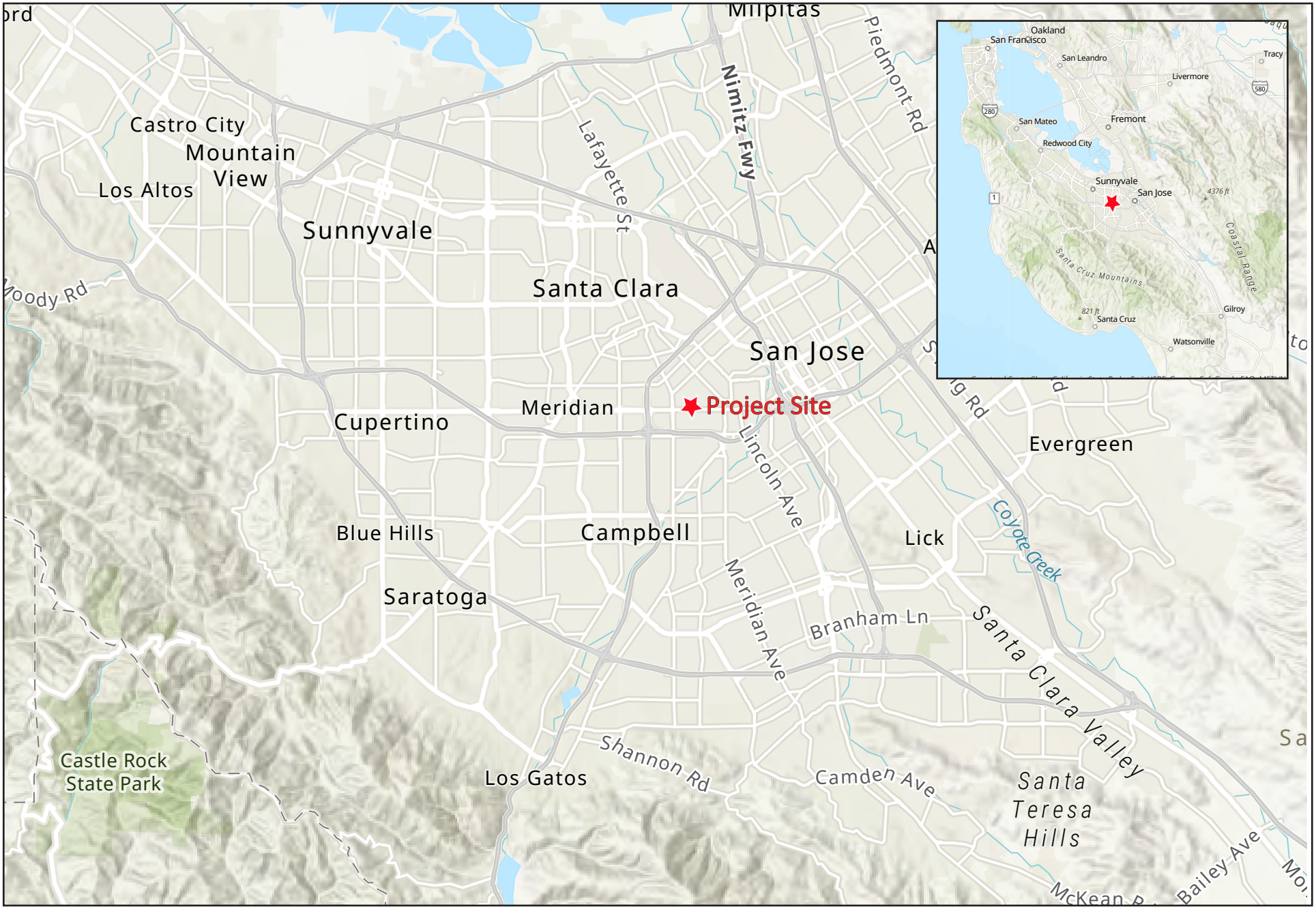
2.0 PROJECT DESCRIPTION

The proposed Project site is in the City of San José (City) in the northwestern portion of Santa Clara County, California. The Project site is located at 1921-1927 West San Carlos Street. **Figure 1: Regional Vicinity** and **Figure 2: Site Vicinity**, depict the Project site in a regional and local context. The Project site is located approximately 2 miles west of downtown San José, in an urbanized area. Surrounding land uses are mainly commercial and residential uses. The proposed Project site includes five parcels (Assessor Parcel Numbers 274-17-018, 274-17-019, 274-17-020, 274-17-021, and 274-17-022) and is approximately 0.56 gross acres. The proposed Project would require annexation of the Project site and the immediately adjacent section of Cleveland Avenue to the City of San José to extend applicability of City laws and services to the Project site. The Project site is designated by the General Plan as Mixed-Use Commercial (MUC) within the West San Carlos Urban Village which allows for the Project uses. The Project site is zoned as Commercial General (CG) and Single-Family Residential (R1). The proposed Project would require a General Plan Amendment (GPA) to change the land use designation from Mixed Use Commercial (MUC) to Urban Village (UV). The UV designation allows for a 250 dwelling units per acre.

The proposed Project site is currently developed by existing commercial buildings. The overall Project site is flat and previously graded. The Project site is surrounded by residential uses to the north, east, and west of the site and commercial uses to the east, south, and west of the site. The Project site is bound by West San Carlos Street to the south and Cleveland Avenue to the west. Additionally, Interstate 880 (I-880) is located approximately 0.6 miles west of the Project site and Interstate 280 (I-280) is located approximately 0.4 miles south of the Project site.

The Project proposes to demolish the existing buildings and construct a seven-story affordable housing building totaling 108,935 square feet (sf). As shown in **Figure 3: Site Plan**, the proposed development would contain approximately 94 dwelling units (65,138 net rentable sf), 2,475 sf of retail space, 1,371 sf of amenity space and 10,203 sf of parking space. The proposed Project includes a total of 31 surface parking spaces and 58 bicycle parking stalls on the ground floor. The primary pedestrian entrance for retail uses would be provided along West San Carlos Street and the primary residential entrance would be provided along Cleveland Avenue. Vehicle access to the Project site would be provided via two driveways on Cleveland Avenue, one for access to the retail parking area and one for access to the residential parking.

Construction is anticipated to begin in early 2027 and last approximately 18 months until summer 2028. Construction methods would include demolition of the existing commercial uses, site preparation, grading, paving, building construction, and architectural coating. Construction of the Project would be required to be consistent with the City's Best Management Practices and California Building Code.



Source: USGS, 2024

Figure 1: Regional Vicinity

1921 and 1927 West San Carlos Street Project
Technical Studies

Not to scale

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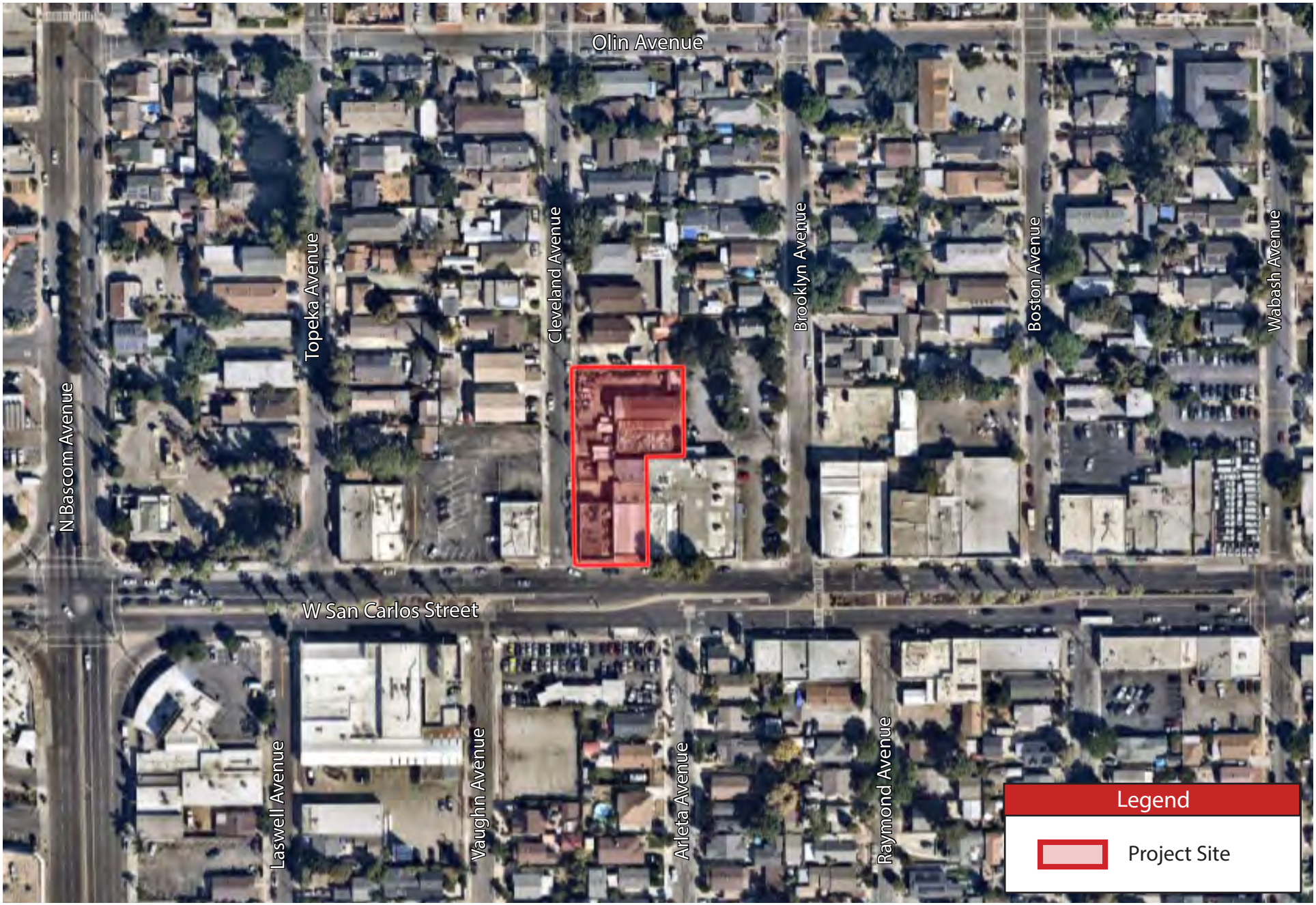

Source: Nearmap, 2024

Figure 2: Site Vicinity

1921 and 1927 West San Carlos Street Project
Technical Studies

Not to scale

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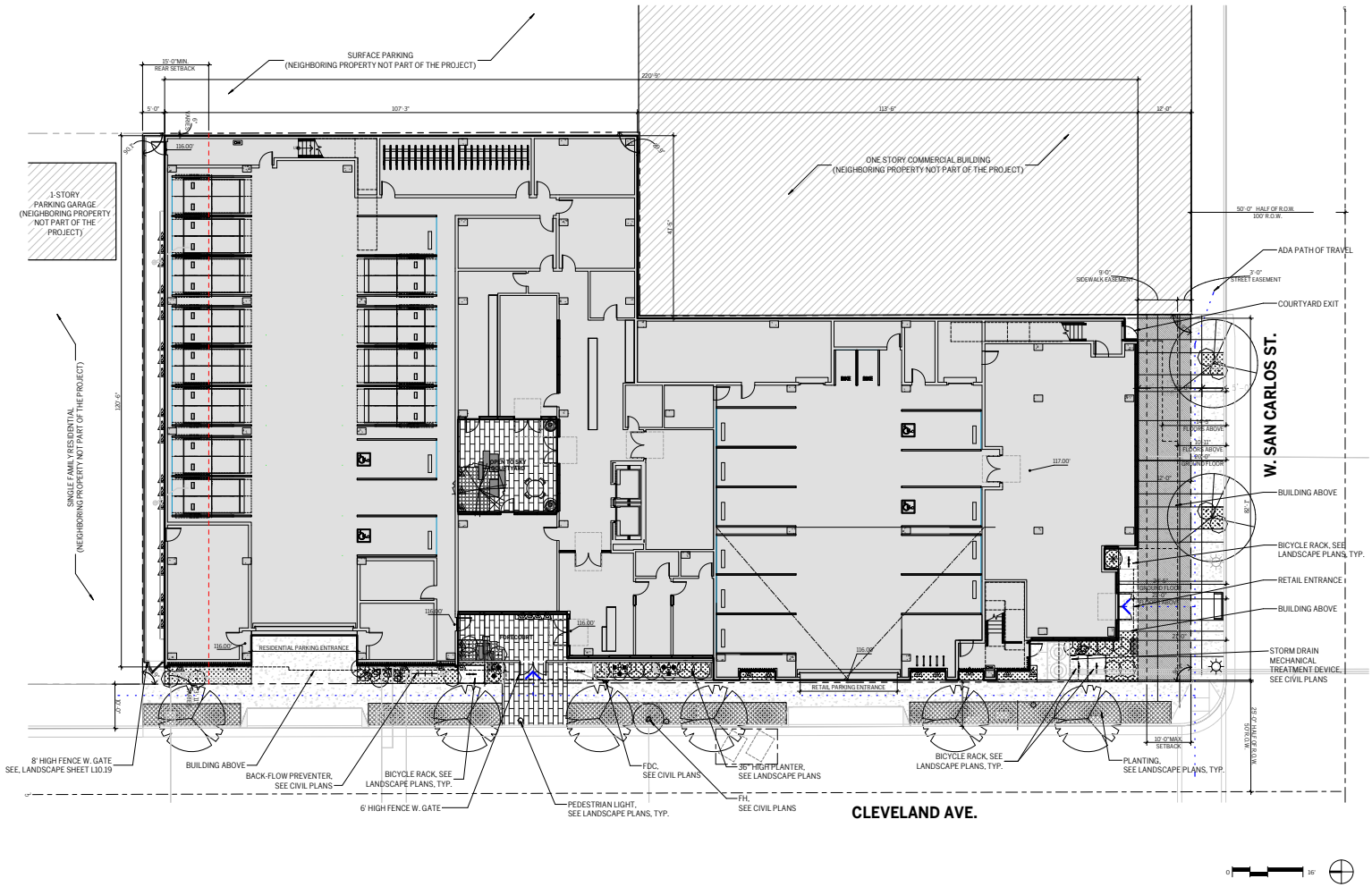

LEGEND

- BUILDING FOOTPRINT
- NEIGHBORING BUILDING
- CONCRETE
- PUBLIC MAINTAINED LANDSCAPE
- PLANTING
- DECORATIVE PAVING
- PERVIOUS CONCRETE PAVERS
- PROJECT BOUNDARY AREA
- ACCESSIBLE PATH
- OVERHEAD BUILDING
- SETBACKS
- ROAD CENTERLINE
- EASEMENT
- TREE GRATE
- BACK-FLOW PREVENTER
- PROPOSED FIRE HYDRANT
- PROPOSED FDC
- PROPOSED PEDESTRIAN LIGHT
- PROPOSED BICYCLE RACKS

PLANNING DATA

A. TOTAL ACRES OF SUBJECT PROPERTY: **0.56 ACRES**
B. TOTAL NUMBER OF DWELLING UNITS: **94 UNITS**
C. PERCENTAGE OF PROPOSED SITE COVERAGE FOR BUILDINGS, OFF-STREET PARKING AND LOADING, AND LANDSCAPING: **(23,161 / 24,491 SITE) X 100 = 94.56%**

UNIT MIX

UNITS

	STUDIO	1BED	2BED	3BED	TOTALS
LEVEL 7	1	3	4	4	12
LEVEL 6	4	4	4	4	16
LEVEL 5	5	4	4	4	17
LEVEL 4	6	4	4	4	18
LEVEL 3	6	4	4	4	18
LEVEL 2	2	3	4	4	13
LEVEL 1	0	0	0	0	0
TOTALS	**24**	**22**	**24**	**24**	**94**
MIX	25.5%	23.4%	25.5%	25.5%	100%

Source: Steinberg Hart, 2024

Figure 3: Site Plan

1921 and 1927 West San Carlos Street Project
Technical Studies

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3.0 ENVIRONMENTAL SETTING

3.1 Climate

The project is within the San Francisco Bay Area Air Basin (SFBAAB), which comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara counties, the southern portion of Sonoma, and the southwestern portion of Solano County. SFBAAB is characterized by complex terrain, consisting of coastal mountain ranges, inland valleys, and bays, which distort normal wind flow patterns. The Coast Range splits resulting in a western coast gap, Golden Gate, and an eastern coast gap, Carquinez Strait, which allow air to flow in and out of the SFBAAB and the Central Valley.

The climate is dominated by the strength and location of a semi-permanent, subtropical high-pressure cell. During the summer, the Pacific high-pressure cell is centered over the northeastern Pacific Ocean resulting in stable meteorological conditions and a steady northwesterly wind flow. Upwelling of cold ocean water from below to the surface because of the northwesterly flow produces a band of cold water off the California coast. The cool and moisture-laden air approaching the coast from the Pacific Ocean is further cooled by the presence of the cold-water band resulting in condensation and the presence of fog and stratus clouds along the Northern California coast.

In the winter, the Pacific high-pressure cell weakens and shifts southward resulting in wind flow offshore, the absence of upwelling, and the occurrence of storms. Weak inversions coupled with moderate winds result in a low air pollution potential.

3.2 Toxic Air Contaminants

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

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. Identified as TACs under the California Clean Air Act (CCAA), have been singled out through ambient air quality data as being the most substantial health risk in California. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for only the larger air basins.

Industrial facilities and mobile sources are significant sources of TACs. The electronics industry, including semiconductor manufacturing, has the potential to contaminate both air and water due to the highly toxic chlorinated solvents commonly used in semiconductor production processes. In addition to industrial sources, various common urban facilities also produce TAC emissions, such as gasoline stations (benzene), hospitals (ethylene oxide), and dry cleaners (perchloroethylene). Automobile exhaust also contains TACs such as benzene and 1,3-butadiene. DPM was identified as a TAC by CARB in 1998. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. BAAQMD

research indicates that mobile-source emissions of DPM, benzene, and 1,3-butadiene represent a substantial portion of the ambient background risk from TACs in the SFBAAB.

TACs do not have ambient air quality standards because no safe levels of TACs can be determined. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. The requirements of the Air Toxic "Hot Spots" Information and Assessment Act (Assembly Bill [AB] 2588) apply to facilities that use, produce, or emit toxic chemicals. Facilities subject to the toxic emission inventory requirements of the act must prepare and submit toxic emission inventory plans and reports, and periodically update those reports.

Toxic contaminants often result from fugitive emissions during fuel storage and transfer activities, and from leaking valves and pipes. For example, the electronics industry, including semiconductor manufacturing, uses highly toxic chlorinated solvents in semiconductor production processes. Sources of air toxics go beyond industry, however. Automobile exhaust also contains toxic air pollutants such as benzene and 1,3-butadiene.

In California, on-road diesel-fueled engines contribute approximately 24 percent of the statewide total DPM emissions, with an additional 71 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units. Stationary sources contribute about 5 percent of total DPM. CARB has developed several plans and programs to reduce diesel emissions such as the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment to register their units to operate their equipment throughout California without having to obtain individual permits from local air districts.

As stated above, diesel exhaust and many individual substances contained in it (including arsenic, benzene, formaldehyde, and nickel) have the potential to contribute to mutations in cells that can lead to cancer. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles.

Exposure to diesel exhaust can have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children's lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with increased frequency of childhood illnesses and can also reduce lung function in children. California has identified diesel exhaust particles as a carcinogen.

3.3 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are in proximity to localized sources of toxics are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. The nearest sensitive receptors to the Project site are the residential uses to the north, east, and southeast. The sensitive land uses nearest to the Project are shown in **Table 1: Sensitive Receptors**.

Table 1: Sensitive Receptors

Receptor Description	Approximate Distance and Direction from the Project[1]
Residential Uses along Cleveland Avenue	Adjacent to the north
Residential Uses along Brooklyn Avenue	Adjacent to the east
Residential Uses along Arleta Avenue	160 feet southeast
Luther Burbank School	805 feet east
Abraham Lincoln High School	945 feet northeast

1. Distances are measured from the Project site boundary to the property line of the nearest sensitive receptor.
Source: Google Earth, 2024.

4.0 REGULATORY SETTING

4.1 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.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[1] The PM emission standard of 0.01

[1] United States Environmental Protection Agency (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.

gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the NO_X and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010.

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 NOx be further reduced by about 90 percent from Tier 3 standards. CARB currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. CARB currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce oxides of nitrogen (NOX) and particulate matter (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.

4.2 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 toxic 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 the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (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.[2] 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.[3] 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 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. 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).

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 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

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

[3] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed August 2023.

operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CARB 2017 Technical Advisory (Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways)

CARB published a Technical Advisory in 2017 to provide planners and other stakeholders involved in land use planning and decision-making with information on scientifically based strategies to reduce exposure to traffic emissions near high-volume roadways. Near-roadway development is a result of a variety of factors, including economic growth, demand for built environment uses, and the scarcity of developable land in some areas. The Technical Advisory notes that research has demonstrated the public health, climate, financial, and other benefits of compact, infill development along transportation corridors, and demonstrates that planners, developers, and local governments can pursue infill development while simultaneously reducing exposure to traffic-related pollution. On-site strategies to remove air pollution identified in the Technical Advisory include the use of particle filtration systems (i.e., high efficiency filtration in mechanical ventilation systems), solid barriers, and vegetation.

California Energy Commission - Title 24 Building Energy Efficiency Standards

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in California Code of Regulations (CCR) Title 24 Part 6, were established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods. The 2019 Energy Standards include requirements for mandatory mechanical ventilation intended to improve indoor air quality in homes, and requirements for Minimum Efficiency Reporting Value (MERV) 13 air filtration on space conditioning systems, and ventilation systems that provide outside air to a dwelling's occupiable space. The Residential Compliance Manual for the 2019 Building Energy Efficiency Standards notes that air filter efficiencies of at least MERV 13 protect occupants from exposure to the smaller airborne particles (i.e., $PM_{2.5}$) that are known to adversely affect respiratory health. CCR Title 24 Part 6 requires a particle size efficiency rating equal to or greater than 85 percent in the 1.0 to 0.3 µm range. The California Energy Commission (CEC) adopted the 2022 Energy Code on August 11, 2021, which was subsequently approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Title 24 standards result in less energy use, thereby reducing air pollutant emissions associated with energy consumption across California. For example, the 2022 Title 24 standards require efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, and strengthens ventilation standards.

CalEnviroScreen

OEHHA has 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, east, and southeast are located within Census Tract 6085502001, which is within the 41st percentile.[4] 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.

Senate Bill 535

Senate Bill (SB) 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the Project site is not located within a SB 535 designated disadvantaged community.[5] SB 535 does not include project specific requirements or prohibit developments in proximity to the designated communities.

CARB Advanced Clean Truck Regulation

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission "last-mile" delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.

- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet

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

[5] California Office of Environmental Health Hazard Assessment, *SB 535 Disadvantaged Communities (2022 Update)*, https://oehha.ca.gov/calenviroscreen/sb535. Accessed January 2024.

owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

CARB Advanced Clean Fleets Regulation

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, which includes requirements for drayage trucks transporting cargo to and from California's intermodal seaports and railyards. Drayage trucks will be required to start transitioning to zero-emission technology beginning in 2024, with full implementation by 2035.

CARB Advanced Clean Cars Regulation

Advanced Clean Cars combines several regulations into one package including the Low-Emission Vehicle (LEV) criteria and greenhouse gas regulations and the zero-emission vehicle (ZEV) regulation. Advanced Clean Cars I was adopted in 2012 and Advanced Clean Cars II was adopted in 2022. These regulations rapidly scale down emissions of light-duty passenger cars, pickup trucks and SUVs and require an increased number of zero-emission vehicles to meet air quality and climate change emissions goals. By 2035 all new passenger cars, trucks and SUVs sold in California will be zero emissions. The Advanced Clean Cars II regulations take the state's already growing zero-emission vehicle market and robust motor vehicle emission control rules and augments them to meet more aggressive tailpipe emissions standards and ramp up to 100 perent zero-emission vehicles.

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.

4.3 Regional

Bay Area Air Quality Management District

The BAAQMD is the regional agency tasked with managing air quality in the region and has regulated TACs since the 1980s. The CCAA provides the BAAQMD 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. The BAAQMD has published California Environmental Quality Act (CEQA) Air Quality Guidelines that are used in this assessment to evaluate air quality impacts of projects.

Under BAAQMD Regulation 2-1 (General Permit Requirements), Regulation 2-2 (New Source Review), and Regulation 2-5 (New Source Review), all nonexempt sources that possess the potential to emit TACs are required to obtain permits from BAAQMD. Permits may be granted to these operations if they are constructed and operated in accordance with applicable regulations, including new source review standards and air toxics control measures. The BAAQMD limits emissions and public exposure to TACs through a number of programs. Section 301 of Regulation 2, Rule 2 requires Best Available Control Technology (BACT) is triggered for any new or modified source with the potential to emit specific levels of pollutants. The BAAQMD prioritizes TAC-emitting stationary sources for regulation based on the quantity and toxicity of the TAC emissions and the proximity of the facilities to sensitive receptors.

The BAAQMD has published California Environmental Quality Act (CEQA) Air Quality Guidelines that are used in this assessment to evaluate health risk impacts of projects.

Community Air Risk Evaluation Program

The BAAQMD's Community Air Risk Evaluation (CARE) program estimates and reports both local and regional impacts of TACs in the Bay Area. The objective of the CARE Program is to reduce health impacts linked to local air quality. The goals of the CARE Program are to: (1) identify areas where air pollution contributes most to health impacts and where populations are most vulnerable to air pollution; (2) apply sound scientific methods and strategies to reduce health impacts in these areas; and (3) engage community groups and other agencies to develop additional actions to reduce local health impacts. Information from the CARE program is used by the BAAQMD to design and focus effective mitigation measures in areas with highest impacts.

5.0 SIGNIFICANCE CRITERIA AND METHODOLOGY

5.1 Health Risk Analysis Thresholds

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. The BAAQMD publishes the CEQA Air Quality Guidelines, which were most recently updated in April 2022. The BAAQMD thresholds for air toxic emissions that are used for this project are shown below:

Individual Projects:

- **Excess (Incremental) Cancer Risk:** Emit contaminants that result in a maximum individual cancer risk (MICR) greater than 10 in one million.
- **Non-Cancer Risk:** Emit contaminants that exceed the maximum hazard index of 1.0 in one million.
- **Ambient $PM_{2.5}$ Concentration:** Incremental increase in average annual $PM_{2.5}$ concentration greater than 0.3 $\mu g/m^3$.

Cumulative Thresholds:

- **Excess Cancer Risk:** Emit contaminants that would contribute to cumulative emissions, resulting in an exceedance of the MICR of 100 in one million.
- **Non-Cancer Risk:** Emit contaminants that that would contribute to cumulative emissions, resulting in an exceedance of the maximum hazard index of 10.0 in one million.
- **Ambient $PM_{2.5}$ Concentration:** Incremental increase in average cumulative annual $PM_{2.5}$ concentration greater than 0.8 $\mu g/m^3$.

Cancer risk is expressed in terms of expected incremental incidence per million population. The BAAQMD has established an individual project incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these air toxics. To put this risk in perspective, the risk of dying from accidental drowning is 1,000 in one million which is 100 times more than the BAAQMD's threshold of 10 in one million.

The BAAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a hazard index (HI), 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 HI 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.

The 2022 BAAQMD CEQA Air Quality Guidelines recommend assessing impacts within 1,000 feet of the project. The 1,000-foot radius is consistent with findings in CARB's Air Quality and Land Use Handbook (2005) and the California Health & Safety Code §42301.6 (Notice for Possible Source Near School). The 2005 CARB Air Quality and Land Use Handbook found that TAC concentrations are reduced substantially at a distance 1,000 feet downwind from sources such as freeways or large distribution centers.

5.2 Methodology

This HRA evaluates potential health risks associated with DPM emissions resulting from Project implementation. Potential construction health risks are quantitively assessed, while potential operational health risks are qualitatively assessed. Construction equipment and associated heavy-duty truck traffic generate DPM, which is a known TAC. DPM from construction equipment operating at the site poses a potential health risk to nearby sensitive receptors. The nearest sensitive receptors to the Project site include the residential uses to the north, east, and southeast, as well as the nearest school, the Luther Burbank School located 805 feet to the east.

Construction Sources

Construction would generate DPM emissions from the use of off-road diesel equipment required for grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary TAC of concern because it is the most potent TAC emitted from construction and includes hundreds of chemicals. Although DPM is a subset of PM_{10} exhaust, the analysis conservatively assumes all PM_{10} exhaust emissions are DPM. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment were included in the analysis, although they are typically less of a concern because they would not stay on the site for long durations.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the Project site. Construction activities would limit idling to no more than five minutes pursuant to Section 2485 and Section 2449 of Title 13 of the California Code of Regulations, which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense period of construction, emissions of DPM would be generated from different locations on the Project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time. Construction emissions rates for $PM_{2.5}$ (DPM) were calculated from the CalEEMod construction emissions modeling conducted for the Project; refer to **Appendix A: Modeling Data**.

As described above, $PM_{2.5}$ exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. AERMOD requires meteorological, traffic volumes, and vehicle emissions data. Meteorological data used in the HRA is discussed below. AERMOD provides concentrations in an isopleth to visually show the dispersion of the pollutant. All AERMOD assumptions, input data, and outputs are provided herein. Risk levels were calculated based on the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines* (February 2015).

Dispersion Modeling

The air dispersion modeling for the construction risk assessment was performed using U.S. EPA AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. AERMOD regulatory defaults, the "Urban" modeling option for the County, and "Elevated" terrain (i.e., the modeling accounted for the elevation of the project site and surrounding area) were used for this analysis. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. Surface and upper air meteorological data is provided by BAAQMD. Surface and upper air meteorological data from the San José International Airport Monitoring Station was selected as being the most representative for meteorology based on proximity to the Project site.

AERMOD was run to obtain the period (i.e., annual) average concentration in micrograms per cubic meter ($\mu g/m^3$) at the surrounding sensitive receptors as well as worker and school receptors. The period (annual) average concentrations were used to calculate the MICR, the maximum chronic hazard index (HI), as well as peak hourly concentrations to calculate the health impact from substances with acute non-cancer health effects. To achieve these goals, a receptor grid was placed over the Project site to cover the zone of impact. Due to the size of the Project site, nearby sensitive receptors were modeled with a 35-meter grid spacing. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. The modeling and analysis was prepared in accordance with the BAAQMD Modeling Guidance for AERMOD[6].

The emission sources in the model are line volume sources (comprised of smaller adjacent volume sources) for construction. Off-road construction equipment operating onsite and on-road construction equipment (hauling materials to and from the Project site) were assigned a release height of 12.5 feet (3.82 meters). A release height of 12 feet is the average stack height for trucks and the plume height is based on U.S. EPA guidance for vehicle volume sources.

The cancer risk calculations were based on applying age sensitivity weighting factors for each emissions period modeled. Age-sensitivity factors reflect the greater sensitivity of infants and small children to cancer causing TACs. 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 proposed Project was assessed. Risk levels were calculated according to the OEHHA guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines* (February 2015).

Note that the concentration estimate developed using this methodology is conservative and is not a specific prediction of the actual concentrations that would occur at or near the Project site at any one point in time. Receptors are often indoors and not in one location over the course of a lifetime exposure. Therefore, risk levels identified in this report represent a worst-case scenario. Actual annual average concentrations are dependent on many variables, particularly the number and type of vehicles and equipment operating at specific distances during time periods of adverse meteorology. A health risk

[6] Bay Area Air Quality Management District, *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*, December 2021.

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 (i.e., the maximally exposed individuals [MEI] identified in Section 6, below).

Risk and Hazard Assessment

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM are calculated by multiplying the daily inhalation dose, cancer potency factor (CPF), age sensitivity factor (ASF), frequency of time spent at home, and ED divided by averaging time (AT), yielding the excess cancer risk. These factors are discussed in more detail below. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency (EF), 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:

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

Where:

Dose-air	=	dose through inhalation (mg/kg/day)
C_{air}	=	air concentration (µg/m^3) from air dispersion model
(BR/BW)	=	daily breathing rate normalized to body weight (L/kg bodyweight-day)
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 a default ASF presented in **Table 2: Exposure Assumptions**. 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 **Table 2**.

Table 2: Exposure Assumptions

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])
Residential					
Third trimester	350	0.25	10	85%	361
0 to 2 years	350	2	10	85%	1,090
Ages 2 through 8 years	350	7	3	72%	631
Ages 9 through 15 years	350	7	3	72%	572
Ages 16 and greater	350	13.75	1	73%	261
Worker[3]	250	25	1	N/A	230
Student[3]	180	9	3	N/A	640

1. Accounts for potential increased sensitivity to carcinogens during childhood.
2. 95th percentile daily breathing rate normalized to body weight (L/kg body weight-day) (95th percentile for less than two years old and 80th percentile for two years old and greater).
3. Worker and Student 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):

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

$Risk_{inh\text{-}res}$ =	residential inhalation cancer risk (potential chances per million)
$Dose_{air}$ =	daily dose through inhalation (mg/kg-day)
CPF =	inhalation cancer potency factor (mg/kg-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. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system. 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 µg/m^3)
REL_i =	chronic noncancer Reference Exposure Level for substance (µg/m^3)

Acute Non-Cancer Hazard. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. The equation is as follows:

$$\text{Acute HQ} = \text{Maximum Hourly Air Concentration (µg/m}^3\text{)} / \text{Acute REL (µg/m}^3\text{)}$$

Health Risk Computation. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 3-year exposure scenario using the approach and the daily breathing rates, age sensitivity factors, exposure duration, and fraction of time at home described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015) (refer to **Table 2**). 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 risks to an individual as well as the non-cancer chronic health index.

6.0 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. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project includes construction activities near sensitive receptors (i.e., within the BAAQMD 1,000-foot zone of influence) an analysis of health risk impacts from TACs was performed for construction.

6.1 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. demolition, 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 3: Construction Carcinogenic Risk Assessment shows the health risk for construction of the Project. Project construction would occur for a period of approximately 18 months. However, the health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 3-year exposure scenario, beginning with the third trimester, as recommended by the BAAQMD, and thus is conservative. [7]

As shown in **Table 3**, the unmitigated construction risk at residential and worker receptors would be 16.41 and 3.58 in one million, respectively. Additionally, the unmitigated construction risk at school receptor would be 0.67 in one million. Therefore, the maximum unmitigated construction cancer risk at the residential receptor would exceed the BAAQMD threshold of 10 in one million. The Project would implement Mitigation Measure HRA-1 to reduce cancer risk. Mitigation Measure HRA-1 requires the use of construction equipment that would meet CARB Tier 4 Final emissions standards or similarly effective equipment in order to reduce diesel exhaust construction emissions. Implementation of Mitigation Measure HRA-1 would reduce Project construction cancer risk below the BAAQMD's 10 in one million threshold; refer to **Table 3**. Therefore, the Project's cancer risk would not exceed the BAAQMD's 10 in one million threshold and impacts associated with carcinogenic risk would be less than significant with mitigation.

[7] The BAAQMD recommends that the cancer risk be evaluated assuming that the average daily dose for short-term exposure lasts a minimum of three years for projects lasting three years or less (BAAQMD, *BAAQMD Air Toxics NSR Program Health Risk Assessment Guidelines*, December 2016).

Table 3: Construction Carcinogenic Risk Assessment

Exposure Scenario	Risk per Million		Exceeds Significance Threshold?
	Cancer Risk[1]	Significance Threshold	
Unmitigated			
Residential Receptors (north of site)	13.82	10	Yes
Worker Receptors (east of site)	4.78	10	No
School Receptor (east of site)	0.67	10	No
Mitigated			
Residential Receptors (north of site)	2.37	10	No
Worker Receptors (east of site)	0.69	10	No
School Receptor (east of site)	0.11	10	No
1. The reported annual pollutant concentration is at the closest maximally exposed individual (MEI) to the Project site.			
Source: Refer to Appendix A: Modeling Data.			

As described above, worst-case construction risk levels based on AERMOD and conservative assumptions would be below the BAAQMD's thresholds for construction with Mitigation Measure HRA-1. Therefore, construction risk levels would be less than significant with implementation of the identified mitigation measure.

Mitigation Measures:

HRA-1 Prior to issuance of any demolition, grading, and/or building permits (whichever occurs earliest), the project applicant shall prepare and submit a construction operations plan that includes specifications of the equipment to be used during construction to the Director of Planning, Building and Code Enforcement or the Director's Designee. The plan shall be accompanied by a letter signed by a qualified air quality specialist, verifying that the equipment included in the plan meets the standards set forth below.

- For all construction equipment larger than 25 horsepower operating on the site for more than two days continuously or 20 total hours, shall, at a minimum meet U.S. EPA Tier 4 Final emission standards.
- If Tier 4 Final equipment is not available, all construction equipment larger than 25 horsepower used at the site for more than two continuous days or 20 hours total shall meet U.S. EPA emission standards for Tier 3 engines and include particulate matter (PM) emissions control equivalent to CARB Level 3 verifiable diesel emission control devices that altogether achieve an 85 percent reduction in PM exhaust and 40 percent reduction in NO_X in comparison to uncontrolled equipment.

The construction operations plan prepared by the contractor shall identify how the contractor will achieve the measures outlines in this mitigation measure. The plan shall include, but not be limited to the following:

- List of activities and estimated timing.
- Equipment that would be used for each activity.
- Manufacturer's specifications for each equipment that provides the emissions level; or the manufacturer's specifications for devices that would be added to each piece of

equipment to ensure the emissions level meet the thresholds in the mitigation measure.

The project applicant shall include this requirement in applicable bid documents and require compliance as a condition of contract. A copy of each equipment unit's certified tier specification and CARB or BAAQMD operating permit (if applicable) should be available upon request at the time of mobilization of each applicable unit of equipment. The City shall require periodic reporting and provision of written documentation by contractors to ensure compliance and shall conduct regular inspections to the maximum extent feasible to ensure compliance.

The construction contractor(s) shall maintain equipment maintenance records for the construction portion of the project. All construction equipment must be tuned and maintained in compliance with the manufacturer's recommended maintenance schedule and specifications. Upon request for inspection, construction contractor(s) shall make available all maintenance records for equipment used on site within one business day (either hardcopy or electronic versions).

6.2 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. The primary TAC emitted during construction is DPM. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[8]

Chronic non-carcinogenic impacts are shown in **Table 4: 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. **Table 4** shows that the non-carcinogenic hazards associated with unmitigated and mitigated scenarios would not exceed the acceptable limits of 1.0.

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

Table 4: Construction Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m³)[1]	Chronic Hazard
Unmitigated		
Residential Receptors (north of site)	0.05	0.01
Worker Receptors (east of site)	0.15	0.03
School Receptor (east of site)	<0.01	<0.01
BAAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**
Mitigated		
Residential Receptors (north of site)	0.01	<0.01
Worker Receptors (east of site)	0.02	<0.01
School Receptor (east of site)	<0.01	<0.01
BAAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**
1. The reported pollutant concentration is at the closest receptor (maximally exposed individual).		
Source: Refer to Appendix A: Modeling Data.		

6.3 Operational Toxic Air Contaminants

Operational TAC emissions from the proposed 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 Project's *Air Quality and Greenhouse Gas Emissions Memorandum* (Kimley-Horn, January 2024), the majority of these emissions would be generated by vehicle travel occurring off-site from diesel and gasoline-powered vehicles trips to and from the Project site. The Project is not anticipated to require a significant number of truck deliveries and the majority of deliveries for the retail use would consist of vendor deliveries in light-duty trucks and vans and would be infrequent and irregular. Light-duty and gasoline-powered vehicles are not a substantial source of TAC emissions (e.g., DPM). Therefore, operational emissions would not be considered a substantial source of TACs and this impact related to operational TAC emissions would be less than significant based on BAAQMD thresholds.

6.4 Cumulative Health Impacts

Stationary sources within a 1,000-foot radius of the Project site were reviewed using BAAQMD's Stationary Source Screening Analysis Tools. There are two stationary sources located within a 1,000-foot radius of the Project site. **Table 5: Cumulative Operational Health Risk**, provides the emissions from the existing nearby stationary, highway, roadway, and rail sources.

Table 5: Cumulative Operational Health Risk

Emissions Sources	$PM_{2.5}$ (µg/m³)	Cancer Risk (per million)	Hazard
Stationary Sources			
San Jose Water Company	<0.01	3.45	0.01
Valero Refining Company	<0.01	0.03	<0.01
Major Street Sources	0.14	7.12	0.56
Highway Sources	0.33	10.71	1.32
Railway Services	0.01	3.74	0.02
Cumulative Health Risk Values	**0.48**	**25.05**	**1.91**
BAAQMD Cumulative Threshold	*0.8*	*100*	*10*
Threshold Exceeded?	**No**	**No**	**No**
Source: BAAQMD's Stationary Source Screening Analysis Tools, 2024.			

Cumulative impacts are defined as two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. As described above, the Project is adjacent to the closest sensitive receptors and would be within the zone of influence as defined by the BAAQMD. Worst-case $PM_{2.5}$ concentrations associated with existing cumulative conditions would not exceed the BAAQMD's thresholds, refer to **Table 5**. The cancer risk and hazard levels would also remain below the BAAQMD cumulative thresholds. Therefore, the project's cumulative impacts will be less than significant.

6.5 Conclusion

As described above, impacts related to incremental excess cancer risk would be less than significant with implementation of Mitigation Measure HRA-1. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. Project and related project total $PM_{2.5}$ concentrations, cancer risk, and chronic hazard would not exceed BAAQMD cumulative thresholds. The Project's health risk impacts would not be cumulatively considerable.

7.0 REFERENCES

1. Bay Area Air Quality Management District, *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*, December 2021.
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18. United States Environmental Protection Agency, *Exposure Factors Handbook: 2011 Edition*, September 2011.

Appendix A

Modeling Data

CONSTRUCTION (MITIGATED)

	2027		Days	Vendor	Hauling	Vendor	Hauling
Demo	1/1/2027	2/1/2027	22	0	14	0	304
Site Prep	2/2/2027	3/1/2027	20	0	0	0	0
Grading	3/2/2027	4/1/2027	23	0	8	0	188
Building	4/2/2027	12/31/2027	196	12	0	2377	0
	2028						
Building	1/1/2028	5/1/2028	86	12	0	1043	0
Paving	5/2/2028	7/1/2028	44	0	0	0	0
Arch Coating	4/1/2028	7/1/2028	65	0	0	0	0

On-Site Construction PM2.5 Exhaust (tons/yr)

Year	Phase	Unmitigated
2027	Demo	1.73E-04
2027	Site Prep	1.62E-04
2027	Grading	3.71E-04
2027	Building	2.42E-03
	Total 2027	**3.12E-03**
2028	Building	1.08E-03
2028	Paving	2.67E-04
2028	Arch Coating	7.64E-05
	Total 2028	**1.42E-03**

Off-Site Construction PM2.5 Exhaust (tons/yr)

Year	Phase	Unmitigated
2027	Demo	1.34E-04
2027	Site Prep	0.00E+00
2027	Grading	8.29E-05
2027	Building	4.40E-04
	Total 2027	**6.56E-04**
2028	Building	9.78E-05
2028	Paving	0.00E+00
2028	Arch Coating	0.00E+00
	Total 2028	**9.78E-05**

Construction

Group: ONSITE

PM10 Exhaust Onsite

Mitigated

Year	Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)	
2027	3.12E-03	3.77E-04	**3.14E-04**	1	
2028	1.42E-03	2.29E-04			

Group: OFFSITE

	Trips		Miles		Weighted
Year	Vendor	Hauling	Vendor	Hauling	Trip length
2027	2377	492	**8.4**	**20**	10.39
2028	1043	0	**8.4**	**20**	8.40

PM2.5 Exhaust Off-Site

Mitigated

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2027	6.56E-04	7.92E-05	7.63E-06	**5.17E-06**
2028	9.78E-05	1.58E-05	1.88E-06	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
				Unmitigated	
San Carlos	**35**	**284**	0.18	5.17E-06	9.12E-07
Cleveland	**25**	**83.7**	0.05	5.17E-06	2.69E-07

Risk Summary

Residential Exposure
Construction (mitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Residences North	594817.52	4131401.33	594817.52, 4131401.33	93	0.006522114	2.3707E-06	2.370696794	1.00E-05	LTS
School receptor	595097.52	4131351.33	595097.52, 4131351.33	82	0.000315927	1.14835E-07	0.114834975	1.00E-05	LTS

Worker Exposure
Construction (mitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Worker East	594852.52	4131301.33	594852.52, 4131301.33	58	0.022135328	6.9044E-07	0.690440304	1.00E-05	LTS

Risk Parameters

Phase I Construction/Operations Only (Start 3rd Tri)

Age	BR/BW	ASF	FAH	Construction ED	Operations ED
3rd Tri	361	10	0.85	0.25	0.25
0<2	1090	10	0.85	2.000	2.000
2<9	631	3	0.72	0.75	7
9<16	572	3	0.72	0	7
16<30	261	1	0.73	0	13.75
*Breathing rates are 95th percentile for 3rd to 2 and 80th percentile for 2 and greater.				3	30

CONSTRUCTION RISK (UNMITIGATED)

CONSTRUCTION RISK (MITIGATED)

Unmitigated

Onsite	Offsite San Carlos	Offsite Cleveland
3.14E-04	9.12E-07	2.69E-07

	Discrete Re	X	Y	X, Y	Concentration (AVERAGE CONC) [ug/m^3] Onsite	Offsite San Carlos	Offsite Clevelan d	Onsite	Offsite San Carlos	Offsite Cleveland	Unmitigated Total	Residential Dose 3rd Tri	0<2	2<9	9<16	16<30	Risk by Age Group 3rd Tri	0<2	2<9	9<16	16<30	Total Risk
1	UCART1	594677.5	4131151.33	594677.52, 4131151.33	0.50037	1.52498	0.62472	1.57E-04	1.39E-06	1.68E-07	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.4E-09	0.0E+00	0.0E+00	5.8E-08
2	UCART1	594712.5	4131151.33	594712.52, 4131151.33	0.60781	2.02449	0.77087	1.91E-04	1.85E-06	2.07E-07	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	4.1E-09	0.0E+00	0.0E+00	7.0E-08
3	UCART1	594747.5	4131151.33	594747.52, 4131151.33	0.73322	2.62283	0.93975	2.30E-04	2.39E-06	2.53E-07	2.33E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	7.6E-08	5.0E-09	0.0E+00	0.0E+00	8.5E-08
4	UCART1	594782.5	4131151.33	594782.52, 4131151.33	0.87238	3.1967	1.12254	2.74E-04	2.92E-06	3.02E-07	2.77E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	9.1E-08	5.9E-09	0.0E+00	0.0E+00	1.0E-07
5	UCART1	594817.5	4131151.33	594817.52, 4131151.33	1.01217	3.64429	1.32317	3.17E-04	3.32E-06	3.56E-07	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	1.1E-07	6.9E-09	0.0E+00	0.0E+00	1.2E-07
6	UCART1	594852.5	4131151.33	594852.52, 4131151.33	1.19134	3.93718	1.65381	3.74E-04	3.59E-06	4.45E-07	3.78E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.5E-08	5.1E-09	1.2E-07	8.1E-09	0.0E+00	0.0E+00	1.4E-07
7	UCART1	594887.5	4131151.33	594887.52, 4131151.33	1.47329	4.07063	2.18352	4.62E-04	3.71E-06	5.87E-07	4.66E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	1.5E-07	1.0E-08	0.0E+00	0.0E+00	1.7E-07
8	UCART1	594922.5	4131151.33	594922.52, 4131151.33	1.90745	4.06827	2.77235	5.98E-04	3.71E-06	7.45E-07	6.03E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	2.0E-07	1.3E-08	0.0E+00	0.0E+00	2.2E-07
9	UCART1	594957.5	4131151.33	594957.52, 4131151.33	2.36306	3.91307	3.11993	7.41E-04	3.57E-06	8.39E-07	7.46E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	2.4E-07	1.6E-08	0.0E+00	0.0E+00	2.7E-07
10	UCART1	594992.5	4131151.33	594992.52, 4131151.33	2.6617	3.56611	3.13164	8.35E-04	3.25E-06	8.42E-07	8.39E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	2.8E-07	1.8E-08	0.0E+00	0.0E+00	3.0E-07
11	UCART1	595027.5	4131151.33	595027.52, 4131151.33	2.71063	3.04803	2.88449	8.50E-04	2.78E-06	7.75E-07	8.54E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	2.8E-07	1.8E-08	0.0E+00	0.0E+00	3.1E-07
12	UCART1	595062.5	4131151.33	595062.52, 4131151.33	2.55003	2.47068	2.51104	8.00E-04	2.25E-06	6.75E-07	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.7E-08	0.0E+00	0.0E+00	2.9E-07
13	UCART1	595097.5	4131151.33	595097.52, 4131151.33	2.27128	1.94115	2.11305	7.12E-04	1.77E-06	5.68E-07	7.15E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	2.3E-07	1.5E-08	0.0E+00	0.0E+00	2.6E-07
14	UCART1	595132.5	4131151.33	595132.52, 4131151.33	1.94625	1.50518	1.74053	6.10E-04	1.37E-06	4.68E-07	6.12E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.3E-09	2.0E-07	1.3E-08	0.0E+00	0.0E+00	2.2E-07
15	UCART1	595167.5	4131151.33	595167.52, 4131151.33	1.63097	1.16779	1.42047	5.12E-04	1.07E-06	3.82E-07	5.13E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	1.7E-07	1.1E-08	0.0E+00	0.0E+00	1.9E-07
16	UCART1	594677.5	4131201.33	594677.52, 4131201.33	0.72567	3.93978	0.95491	2.28E-04	3.59E-06	2.57E-07	2.31E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.1E-09	7.6E-08	5.0E-09	0.0E+00	0.0E+00	8.4E-08
17	UCART1	594712.5	4131201.33	594712.52, 4131201.33	0.94221	5.68496	1.28366	2.96E-04	5.19E-06	3.45E-07	3.01E-04	1.0E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	4.1E-09	9.9E-08	6.4E-09	0.0E+00	0.0E+00	1.1E-07
18	UCART1	594747.5	4131201.33	594747.52, 4131201.33	1.22816	7.10295	1.73188	3.85E-04	6.48E-06	4.66E-07	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.3E-09	1.3E-07	8.4E-09	0.0E+00	0.0E+00	1.4E-07
19	UCART1	594782.5	4131201.33	594782.52, 4131201.33	1.59464	7.9997	2.29918	5.00E-04	7.30E-06	6.18E-07	5.08E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	1.7E-07	1.1E-08	0.0E+00	0.0E+00	1.8E-07
20	UCART1	594817.5	4131201.33	594817.52, 4131201.33	1.99404	8.45081	2.99432	6.25E-04	7.71E-06	8.05E-07	6.34E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	2.1E-07	1.4E-08	0.0E+00	0.0E+00	2.3E-07
21	UCART1	594852.5	4131201.33	594852.52, 4131201.33	2.56348	8.5467	4.40213	8.04E-04	7.80E-06	1.18E-06	8.13E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	2.7E-07	1.7E-08	0.0E+00	0.0E+00	3.0E-07
22	UCART1	594887.5	4131201.33	594887.52, 4131201.33	3.60983	8.31963	6.09139	1.13E-03	7.59E-06	1.64E-06	1.14E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	3.7E-07	2.4E-08	0.0E+00	0.0E+00	4.1E-07
23	UCART1	594922.5	4131201.33	594922.52, 4131201.33	4.78415	7.77141	6.59539	1.50E-03	7.09E-06	1.77E-06	1.51E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.1E-08	5.0E-07	3.2E-08	0.0E+00	0.0E+00	5.5E-07
24	UCART1	594957.5	4131201.33	594957.52, 4131201.33	5.27976	6.69667	5.94684	1.66E-03	6.11E-06	1.60E-06	1.66E-03	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.6E-08	0.0E+00	0.0E+00	6.0E-07
25	UCART1	594992.5	4131201.33	594992.52, 4131201.33	4.98262	5.09018	4.85848	1.56E-03	4.64E-06	1.31E-06	1.57E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	5.2E-07	3.4E-08	0.0E+00	0.0E+00	5.7E-07
26	UCART1	595027.5	4131201.33	595027.52, 4131201.33	4.25258	3.56978	3.78199	1.33E-03	3.26E-06	1.02E-06	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.8E-08	4.4E-07	2.9E-08	0.0E+00	0.0E+00	4.9E-07
27	UCART1	595062.5	4131201.33	595062.52, 4131201.33	3.428	2.46058	2.88548	1.08E-03	2.24E-06	7.76E-07	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	3.5E-07	2.3E-08	0.0E+00	0.0E+00	3.9E-07
28	UCART1	595097.5	4131201.33	595097.52, 4131201.33	2.68496	1.72388	2.19238	8.42E-04	1.57E-06	5.89E-07	8.44E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	2.8E-07	1.8E-08	0.0E+00	0.0E+00	3.1E-07
29	UCART1	595132.5	4131201.33	595132.52, 4131201.33	2.07965	1.24215	1.6732	6.52E-04	1.13E-06	4.50E-07	6.54E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	2.1E-07	1.4E-08	0.0E+00	0.0E+00	2.4E-07
30	UCART1	595167.5	4131201.33	595167.52, 4131201.33	1.61075	0.92263	1.29014	5.05E-04	8.42E-07	3.47E-07	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	1.7E-07	1.1E-08	0.0E+00	0.0E+00	1.8E-07
31	UCART1	594537.5	4131251.33	594537.52, 4131251.33	0.37255	1.26837	0.45158	1.17E-04	1.16E-06	1.21E-07	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.5E-09	0.0E+00	0.0E+00	4.3E-08
32	UCART1	594572.5	4131251.33	594572.52, 4131251.33	0.46599	2.17257	0.57857	1.46E-04	1.98E-06	1.56E-07	1.48E-04	5.1E-08	1.6E-07	9.0E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.2E-09	0.0E+00	0.0E+00	5.4E-08
33	UCART1	594607.5	4131251.33	594607.52, 4131251.33	0.59589	4.55575	0.76175	1.87E-04	4.16E-06	2.05E-07	1.91E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.3E-08	4.1E-09	0.0E+00	0.0E+00	7.0E-08
34	UCART1	594642.5	4131251.33	594642.52, 4131251.33	0.78464	11.3083	1.04106	2.46E-04	1.03E-05	2.80E-07	2.57E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.5E-09	0.0E+00	0.0E+00	9.3E-08
35	UCART1	594677.5	4131251.33	594677.52, 4131251.33	1.07262	19.5681	1.49535	3.36E-04	1.79E-05	4.02E-07	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	1.2E-07	7.6E-09	0.0E+00	0.0E+00	1.3E-07
36	UCART1	594712.5	4131251.33	594712.52, 4131251.33	1.53087	23.1984	2.28549	4.80E-04	2.12E-05	6.14E-07	5.02E-04	1.7E-07	5.2E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	1.6E-07	1.1E-08	0.0E+00	0.0E+00	1.8E-07
37	UCART1	594747.5	4131251.33	594747.52, 4131251.33	2.28713	24.5538	3.77271	7.17E-04	2.24E-05	1.01E-06	7.41E-04	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	2.4E-07	1.6E-08	0.0E+00	0.0E+00	2.7E-07
38	UCART1	594782.5	4131251.33	594782.52, 4131251.33	3.55018	24.9367	6.69711	1.11E-03	2.27E-05	1.80E-06	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	3.7E-07	2.4E-08	0.0E+00	0.0E+00	4.1E-07
39	UCART1	594817.5	4131251.33	594817.52, 4131251.33	5.38292	24.8567	12.1021	1.69E-03	2.27E-05	3.25E-06	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.6E-07	3.7E-08	0.0E+00	0.0E+00	6.2E-07
40	UCART1	594852.5	4131251.33	594852.52, 4131251.33	8.78448	24.2022	20.6771	2.76E-03	2.21E-05	5.56E-06	2.78E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.1E-07	6.0E-08	0.0E+00	0.0E+00	1.0E-06
41	UCART1	594887.5	4131251.33	594887.52, 4131251.33	13.2908	22.4193	17.8521	4.17E-03	2.05E-05	4.80E-06	4.19E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	9.0E-08	0.0E+00	0.0E+00	1.5E-06
42	UCART1	594922.5	4131251.33	594922.52, 4131251.33	13.0728	17.7131	12.3405	4.10E-03	1.62E-05	3.32E-06	4.12E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.8E-08	0.0E+00	0.0E+00	1.5E-06
43	UCART1	594957.5	4131251.33	594957.52, 4131251.33	10.207	9.4285	8.1426	3.20E-03	8.60E-06	2.19E-06	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	1.1E-06	6.9E-08	0.0E+00	0.0E+00	1.2E-06
44	UCART1	594992.5	4131251.33	594992.52, 4131251.33	7.25592	4.71684	5.3802	2.28E-03	4.30E-06	1.45E-06	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	7.5E-07	4.9E-08	0.0E+00	0.0E+00	8.3E-07
45	UCART1	595027.5	4131251.33	595027.52, 4131251.33	5.00952	2.66261	3.62603	1.57E-03	2.43E-06	9.75E-07	1.57E-03	5.5E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	5.2E-07	3.4E-08	0.0E+00	0.0E+00	5.7E-07
46	UCART1	595062.5	4131251.33	595062.52, 4131251.33	3.46763	1.67798	2.51153	1.09E-03	1.53E-06	6.75E-07	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	3.6E-07	2.3E-08	0.0E+00	0.0E+00	4.0E-07
47	UCART1	595097.5	4131251.33	595097.52, 4131251.33	2.44268	1.14599	1.79145	7.66E-04	1.05E-06	4.82E-07	7.68E-04	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.6E-08	0.0E+00	0.0E+00	2.8E-07
48	UCART1	595132.5	4131251.33	595132.52, 4131251.33	1.76142	0.82962	1.31498	5.52E-04	7.57E-07	3.54E-07	5.54E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	1.8E-07	1.2E-08	0.0E+00	0.0E+00	2.0E-07
49	UCART1	595167.5	4131251.33	595167.52, 4131251.33	1.30246	0.62752	0.99149	4.09E-04	5.72E-07	2.67E-07	4.09E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	1.3E-07	8.8E-09	0.0E+00	0.0E+00	1.5E-07
50	UCART1	594537.5	4131301.33	594537.52, 4131301.33	0.45678	2.13355	0.56768	1.43E-04	1.95E-06	1.53E-07	1.45E-04	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	2.0E-09	4.8E-08	3.1E-09	0.0E+00	0.0E+00	5.3E-08
51	UCART1	594572.5	4131301.33	594572.52, 4131301.33	0.58543	4.48938	0.74969	1.84E-04	4.10E-06	2.02E-07	1.88E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	4.0E-09	0.0E+00	0.0E+00	6.8E-08
52	UCART1	594607.5	4131301.33	594607.52, 4131301.33	0.77623	12.5277	1.03295	2.43E-04	1.14E-05	2.78E-07	2.55E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.5E-09	0.0E+00	0.0E+00	9.3E-08
53	UCART1	594642.5	4131301.33	594642.52, 4131301.33	1.07404	23.6188	1.50489	3.37E-04	2.15E-05	4.05E-07	3.59E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	1.2E-07	7.7E-09	0.0E+00	0.0E+00	1.3E-07
54	UCART1	594677.5	4131301.33	594677.52, 4131301.33	1.57506	26.8889	2.37642	4.94E-04	2.45E-05	6.39E-07	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.1E-09	1.7E-07	1.1E-08	0.0E+00	0.0E+00	1.9E-07
55	UCART1	594712.5	4131301.33	594712.52, 4131301.33	2.50664	28.1968	4.23552	7.86E-04	2.57E-05	1.14E-06	8.13E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	2.7E-07	1.7E-08	0.0E+00	0.0E+00	3.0E-07
56	UCART1	594747.5	4131301.33	594747.52, 4131301.33	4.52117	29.17	9.31534	1.42E-03	2.66E-05	2.50E-06	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	2.0E-08	4.8E-07	3.1E-08	0.0E+00	0.0E+00	5.3E-07
57	UCART1	594782.5	4131301.33	594782.52, 4131301.33	10.1389	29.497	31.1578	3.18E-03	2.69E-05	8.38E-06	3.22E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	1.1E-06	6.9E-08	0.0E+00	0.0E+00	1.2E-06
58	UCART1	594852.5	4131301.33	594852.52, 4131301.33	70.4637	21.7903	50.761	2.21E-02	1.99E-05	1.36E-05	2.21E-02	7.7E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	7.3E-06	4.7E-07	0.0E+00	0.0E+00	8.0E-06
59	UCART1	594887.5	4131301.33	594887.52, 4131301.33	40.4622	15.54	23.3369	1.27E-02	1.42E-05	6.27E-06	1.27E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.7E-07	4.2E-06	2.7E-07	0.0E+00	0.0E+00	4.6E-06
60	UCART1	594922.5	4131301.33	594922.52, 4131301.33	21.3046	8.16584	11.6529	6.68E-03	7.45E-06	3.13E-06	6.69E-03	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	9.1E-08	2.2E-06	1.4E-07	0.0E+00	0.0E+00	2.4E-06
61	UCART1	594957.5	4131301.33	594957.52, 4131301.33	11.214	3.53094	6.37824	3.52E-03	3.22E-06	1.71E-06	3.52E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.5E-08	0.0E+00	0.0E+00	1.3E-06
62	UCART1	594992.5	4131301.33	594992.52, 4131301.33	6.27765	2.013	3.80831	1.97E-03	1.84E-06	1.02E-06	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	6.5E-07	4.2E-08	0.0E+00	0.0E+00	7.2E-07
63	UCART1	595027.5	4131301.33	595027.52, 4131301.33	3.78918	1.3122	2.44716	1.19E-03	1.20E-06	6.58E-07	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	3.9E-07	2.5E-08	0.0E+00	0.0E+00	4.3E-07
64	UCART1	595062.5	4131301.33	595062.52, 4131301.33	2.44883	0.92639	1.66915	7.68E-04	8.45E-07	4.49E-07	7.69E-04	2.7E-07	8.0E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.6E-08	0.0E+00	0.0E+00	2.8E-07
65	UCART1	595097.5	4131301.33	595097.52, 4131301.33	1.67529	0.69007	1.19465	5.25E-04	6.29E-07	3.21E-07	5.26E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-08	0.0E+00	0.0E+00	1.9E-07
66	UCART1	595132.5	4131301.33	595132.52, 4131301.33	1.20055	0.53443	0.88908	3.77E-04	4.88E-07	2.39E-07	3.77E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	1.2E-07	8.1E-09	0.0E+00	0.0E+00	1.4E-07
67	UCART1	595167.5	4131301.33	595167.52, 4131301.33	0.89388	0.42645	0.6833	2.80E-04	3.89E-07	1.84E-07	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	9.2E-08	6.0E-09	0.0E+00	0.0E+00	1.0E-07
68	UCART1	594537.5	4131351.33	594537.52, 4131351.33	0.58309	2.80406	0.75544	1.83E-04	2.56E-06	2.03E-07	1.86E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.1E-08	4.0E-09	0.0E+00	0.0E+00	6.7E-08
69	UCART1	594572.5	4131351.33	594572.52, 4131351.33	0.77155	4.23365	1.0384	2.42E-04	3.86E-06	2.79E-07	2.46E-04	8.5E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.3E-09	8.1E-08	5.3E-09	0.0E+00	0.0E+00	8.9E-08
70	UCART1	594607.5	4131351.33	594607.52, 4131351.33	1.06625	5.82482	1.50399	3.34E-04	5.31E-06	4.04E-07	3.40E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	1.1E-07	7.3E-09	0.0E+00	0.0E+00	1.2E-07
71	UCART1	594642.5	4131351.33	594642.52, 4131351.33	1.56053	7.06908	2.3321	4.89E-04	6.45E-06	6.27E-07	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	1.6E-07	1.1E-08	0.0E+00	0.0E+00	1.8E-07
72	UCART1	594677.5	4131351.33	594677.52, 4131351.33	2.4713	7.76987	3.95577	7.75E-04	7.09E-06	1.06E-06	7.83E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.7E-08	0.0E+00	0.0E+00	2.8E-07
73	UCART1	594712.5	4131351.33	594712.52, 4131351.33	4.38089	8.07524	7.53464	1.37E-03	7.37E-06	2.03E-06	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	4.5E-07	3.0E-08	0.0E+00	0.0E+00	5.0E-07
74	UCART1	594747.5	4131351.33	594747.52, 4131351.33	9.17453	8.09891	16.6709	2.88E-03	7.39E-06	4.48E-06	2.89E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.5E-07	6.2E-08	0.0E+00	0.0E+00	1.1E-06
75	UCART1	594782.5	4131351.33	594782.52, 4131351.33	24.2483	7.79153	46.4546	7.61E-03	7.11E-06	1.25E-05	7.63E-03	2.6E-06	8.0E-06	4.6E-06	4.2E-06	1.9E-06	1.0E-07	2.5E-06	1.6E-07	0.0E+00	0.0E+00	2.8E-06
76	UCART1	594817.5	4131351.33	594817.52, 4131351.33	31.5232	4.06217	11.5463	9.89E-03	3.71E-06	3.10E-06	9.89E-03	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.3E-07	3.3E-06	2.1E-07	0.0E+00	0.0E+00	3.6E-06
77	UCART1	594922.5	4131351.33	594922.52, 4131351.33	11.3351	2.5856	5.53001	3.56E-03	2.36E-06	1.49E-06	3.56E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.8E-08	1.2E-06	7.6E-08	0.0E+00	0.0E+00	1.3E-06
78	UCART1	594957.5	4131351.33	594957.52, 4131351.33	5.47011	1.67196	3.16232	1.72E-03	1.53E-06	8.50E-07	1.72E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.6E-07	3.7E-08	0.0E+00	0.0E+00	6.2E-07
79	UCART1	594992.5	4131351.33	594992.52, 4131351.33	3.14071	1.14436	2.01945	9.85E-04	1.04E-06	5.43E-07	9.87E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	3.2E-07	2.1E-08	0.0E+00	0.0E+00	3.6E-07
80	UCART1	595027.5	4131351.33	595027.52, 4131351.33	2.0105	0.8282	1.38898	6.31E-04	7.55E-07

CONSTRUCTION RISK (UNMITIGATED)

121	UCART1	595132.5	4131451.33	595132.52, 4131451.33	0.42457	0.26865	0.35681	1.33E-04	2.45E-07	9.59E-08	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.9E-09	0.0E+00	0.0E+00	4.9E-08
122	UCART1	595167.5	4131451.33	595167.52, 4131451.33	0.351	0.23094	0.29959	1.10E-04	2.11E-07	8.05E-08	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.4E-09	0.0E+00	0.0E+00	4.0E-08
123	UCART1	594572.5	4131501.33	594572.52, 4131501.33	1.40735	1.25214	1.56965	4.41E-04	1.14E-06	4.22E-07	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	1.5E-07	9.5E-09	0.0E+00	0.0E+00	1.6E-07
124	UCART1	594607.5	4131501.33	594607.52, 4131501.33	1.73602	1.28606	1.86994	5.45E-04	1.17E-06	5.03E-07	5.46E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	1.8E-07	1.2E-08	0.0E+00	0.0E+00	2.0E-07
125	UCART1	594642.5	4131501.33	594642.52, 4131501.33	2.08328	1.28467	2.14374	6.53E-04	1.17E-06	5.76E-07	6.55E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	2.2E-07	1.4E-08	0.0E+00	0.0E+00	2.4E-07
126	UCART1	594677.5	4131501.33	594677.52, 4131501.33	2.39148	1.24702	2.33191	7.50E-04	1.14E-06	6.27E-07	7.52E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.6E-08	0.0E+00	0.0E+00	2.7E-07
127	UCART1	594712.5	4131501.33	594712.52, 4131501.33	2.58796	1.1787	2.39585	8.12E-04	1.08E-06	6.44E-07	8.13E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	2.7E-07	1.7E-08	0.0E+00	0.0E+00	3.0E-07
128	UCART1	594747.5	4131501.33	594747.52, 4131501.33	2.64343	1.08951	2.35268	8.29E-04	9.94E-07	6.33E-07	8.31E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	2.7E-07	1.8E-08	0.0E+00	0.0E+00	3.0E-07
129	UCART1	594782.5	4131501.33	594782.52, 4131501.33	2.56729	0.98593	2.18256	8.05E-04	8.99E-07	5.87E-07	8.07E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	2.7E-07	1.7E-08	0.0E+00	0.0E+00	2.9E-07
130	UCART1	594817.5	4131501.33	594817.52, 4131501.33	2.33	0.87466	1.8463	7.31E-04	7.98E-07	4.96E-07	7.32E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	2.4E-07	1.6E-08	0.0E+00	0.0E+00	2.7E-07
131	UCART1	594852.5	4131501.33	594852.52, 4131501.33	1.92362	0.7605	1.46604	6.03E-04	6.94E-07	3.94E-07	6.04E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	2.0E-07	1.3E-08	0.0E+00	0.0E+00	2.2E-07
132	UCART1	594887.5	4131501.33	594887.52, 4131501.33	1.51089	0.64971	1.16397	4.74E-04	5.93E-07	3.13E-07	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	1.6E-07	1.0E-08	0.0E+00	0.0E+00	1.7E-07
133	UCART1	594922.5	4131501.33	594922.52, 4131501.33	1.19273	0.5506	0.93168	3.74E-04	5.02E-07	2.50E-07	3.75E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	1.2E-07	8.0E-09	0.0E+00	0.0E+00	1.4E-07
134	UCART1	594957.5	4131501.33	594957.52, 4131501.33	0.94631	0.46759	0.74914	2.97E-04	4.27E-07	2.01E-07	2.97E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.8E-08	6.4E-09	0.0E+00	0.0E+00	1.1E-07
135	UCART1	594992.5	4131501.33	594992.52, 4131501.33	0.75543	0.39935	0.60827	2.37E-04	3.64E-07	1.64E-07	2.37E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.8E-08	5.1E-09	0.0E+00	0.0E+00	8.6E-08
136	UCART1	595027.5	4131501.33	595027.52, 4131501.33	0.61094	0.34279	0.50032	1.92E-04	3.13E-07	1.35E-07	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	4.1E-09	0.0E+00	0.0E+00	7.0E-08
137	UCART1	595062.5	4131501.33	595062.52, 4131501.33	0.50078	0.29572	0.41655	1.57E-04	2.70E-07	1.12E-07	1.57E-04	5.5E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.2E-08	3.4E-09	0.0E+00	0.0E+00	5.7E-08
138	UCART1	595097.5	4131501.33	595097.52, 4131501.33	0.41543	0.2568	0.35059	1.30E-04	2.34E-07	9.43E-08	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.8E-09	0.0E+00	0.0E+00	4.7E-08
139	UCART1	595132.5	4131501.33	595132.52, 4131501.33	0.34837	0.22455	0.29793	1.09E-04	2.05E-07	8.01E-08	1.10E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.3E-09	0.0E+00	0.0E+00	4.0E-08
140	UCART1	595167.5	4131501.33	595167.52, 4131501.33	0.29512	0.19759	0.2555	9.26E-05	1.80E-07	6.87E-08	9.28E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	2.0E-09	0.0E+00	0.0E+00	3.4E-08
141	UCART1	594572.5	4131551.33	594572.52, 4131551.33	1.19457	0.87336	1.22734	3.75E-04	7.97E-07	3.30E-07	3.76E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	1.2E-07	8.0E-09	0.0E+00	0.0E+00	1.4E-07
142	UCART1	594607.5	4131551.33	594607.52, 4131551.33	1.33687	0.8717	1.32621	4.19E-04	7.95E-07	3.57E-07	4.20E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	1.4E-07	9.0E-09	0.0E+00	0.0E+00	1.5E-07
143	UCART1	594642.5	4131551.33	594642.52, 4131551.33	1.44403	0.85221	1.38116	4.53E-04	7.77E-07	3.71E-07	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	1.5E-07	9.7E-09	0.0E+00	0.0E+00	1.7E-07
144	UCART1	594677.5	4131551.33	594677.52, 4131551.33	1.50012	0.81641	1.39081	4.71E-04	7.45E-07	3.74E-07	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	1.5E-07	1.0E-08	0.0E+00	0.0E+00	1.7E-07
145	UCART1	594712.5	4131551.33	594712.52, 4131551.33	1.50543	0.76794	1.36769	4.72E-04	7.01E-07	3.68E-07	4.73E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	1.6E-07	1.0E-08	0.0E+00	0.0E+00	1.7E-07
146	UCART1	594747.5	4131551.33	594747.52, 4131551.33	1.47595	0.71164	1.31694	4.63E-04	6.49E-07	3.54E-07	4.64E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	1.5E-07	9.9E-09	0.0E+00	0.0E+00	1.7E-07
147	UCART1	594782.5	4131551.33	594782.52, 4131551.33	1.4083	0.65005	1.21513	4.42E-04	5.93E-07	3.27E-07	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	1.5E-07	9.5E-09	0.0E+00	0.0E+00	1.6E-07
148	UCART1	594817.5	4131551.33	594817.52, 4131551.33	1.27876	0.58502	1.05705	4.01E-04	5.34E-07	2.84E-07	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	1.3E-07	8.6E-09	0.0E+00	0.0E+00	1.5E-07
149	UCART1	594852.5	4131551.33	594852.52, 4131551.33	1.09487	0.51873	0.88466	3.43E-04	4.73E-07	2.38E-07	3.44E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	1.1E-07	7.4E-09	0.0E+00	0.0E+00	1.3E-07
150	UCART1	594887.5	4131551.33	594887.52, 4131551.33	0.90895	0.45462	0.73948	2.85E-04	4.15E-07	1.99E-07	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	9.4E-08	6.1E-09	0.0E+00	0.0E+00	1.0E-07
151	UCART1	594922.5	4131551.33	594922.52, 4131551.33	0.75816	0.39659	0.62447	2.38E-04	3.62E-07	1.68E-07	2.38E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.2E-09	7.8E-08	5.1E-09	0.0E+00	0.0E+00	8.7E-08
152	UCART1	594957.5	4131551.33	594957.52, 4131551.33	0.63714	0.34666	0.52828	2.00E-04	3.16E-07	1.42E-07	2.00E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.6E-08	4.3E-09	0.0E+00	0.0E+00	7.3E-08
153	UCART1	594992.5	4131551.33	594992.52, 4131551.33	0.53524	0.30444	0.44729	1.68E-04	2.78E-07	1.20E-07	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.6E-09	0.0E+00	0.0E+00	6.1E-08
154	UCART1	595027.5	4131551.33	595027.52, 4131551.33	0.45102	0.26846	0.38103	1.41E-04	2.45E-07	1.02E-07	1.42E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.5E-08	1.9E-09	4.7E-08	3.0E-09	0.0E+00	0.0E+00	5.2E-08
155	UCART1	595062.5	4131551.33	595062.52, 4131551.33	0.38323	0.23742	0.32748	1.20E-04	2.17E-07	8.80E-08	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.6E-09	0.0E+00	0.0E+00	4.4E-08
156	UCART1	595097.5	4131551.33	595097.52, 4131551.33	0.32886	0.21079	0.28394	1.03E-04	1.92E-07	7.63E-08	1.03E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.2E-09	0.0E+00	0.0E+00	3.8E-08
157	UCART1	595132.5	4131551.33	595132.52, 4131551.33	0.28455	0.18807	0.24794	8.93E-05	1.72E-07	6.67E-08	8.95E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.9E-09	0.0E+00	0.0E+00	3.3E-08
158	UCART1	595167.5	4131551.33	595167.52, 4131551.33	0.2478	0.16867	0.21778	7.77E-05	1.54E-07	5.85E-08	7.79E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.7E-09	0.0E+00	0.0E+00	2.8E-08
159	UCART1	594607.5	4131601.33	594607.52, 4131601.33	0.95947	0.61642	0.9122	3.01E-04	5.62E-07	2.45E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	9.9E-08	6.5E-09	0.0E+00	0.0E+00	1.1E-07
160	UCART1	594642.5	4131601.33	594642.52, 4131601.33	0.97603	0.5964	0.90922	3.06E-04	5.44E-07	2.44E-07	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.6E-09	0.0E+00	0.0E+00	1.1E-07
161	UCART1	594677.5	4131601.33	594677.52, 4131601.33	0.97122	0.56888	0.89383	3.05E-04	5.19E-07	2.40E-07	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	1.0E-07	6.5E-09	0.0E+00	0.0E+00	1.1E-07
162	UCART1	594712.5	4131601.33	594712.52, 4131601.33	0.95356	0.53577	0.87073	2.99E-04	4.89E-07	2.34E-07	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	9.8E-08	6.4E-09	0.0E+00	0.0E+00	1.1E-07
163	UCART1	594747.5	4131601.33	594747.52, 4131601.33	0.92611	0.49898	0.83296	2.90E-04	4.55E-07	2.24E-07	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	6.2E-09	0.0E+00	0.0E+00	1.1E-07
164	UCART1	594782.5	4131601.33	594782.52, 4131601.33	0.87826	0.4594	0.76894	2.75E-04	4.19E-07	2.07E-07	2.76E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	9.1E-08	5.9E-09	0.0E+00	0.0E+00	1.0E-07
165	UCART1	594817.5	4131601.33	594817.52, 4131601.33	0.80111	0.41804	0.68197	2.51E-04	3.81E-07	1.83E-07	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.3E-08	5.4E-09	0.0E+00	0.0E+00	9.2E-08
166	UCART1	594852.5	4131601.33	594852.52, 4131601.33	0.70269	0.37635	0.58934	2.20E-04	3.43E-07	1.58E-07	2.21E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.3E-08	4.7E-09	0.0E+00	0.0E+00	8.0E-08
167	UCART1	594887.5	4131601.33	594887.52, 4131601.33	0.60339	0.33621	0.50805	1.89E-04	3.07E-07	1.37E-07	1.90E-04	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	4.1E-09	0.0E+00	0.0E+00	6.9E-08
168	UCART1	594922.5	4131601.33	594922.52, 4131601.33	0.51971	0.2995	0.44278	1.63E-04	2.73E-07	1.19E-07	1.63E-04	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	2.2E-09	5.4E-08	3.5E-09	0.0E+00	0.0E+00	5.9E-08
169	UCART1	594957.5	4131601.33	594957.52, 4131601.33	0.45229	0.26723	0.38799	1.42E-04	2.44E-07	1.04E-07	1.42E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.9E-09	4.7E-08	3.0E-09	0.0E+00	0.0E+00	5.2E-08
170	UCART1	594992.5	4131601.33	594992.52, 4131601.33	0.39436	0.23935	0.33942	1.24E-04	2.18E-07	9.13E-08	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.7E-09	0.0E+00	0.0E+00	4.5E-08
171	UCART1	595027.5	4131601.33	595027.52, 4131601.33	0.34317	0.2152	0.29691	1.08E-04	1.96E-07	7.98E-08	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.3E-09	0.0E+00	0.0E+00	3.9E-08
172	UCART1	595062.5	4131601.33	595062.52, 4131601.33	0.29908	0.19391	0.26081	9.38E-05	1.77E-07	7.01E-08	9.41E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	2.0E-09	0.0E+00	0.0E+00	3.4E-08
173	UCART1	595097.5	4131601.33	595097.52, 4131601.33	0.26234	0.17512	0.23072	8.23E-05	1.60E-07	6.20E-08	8.25E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.8E-09	0.0E+00	0.0E+00	3.0E-08
174	UCART1	595132.5	4131601.33	595132.52, 4131601.33	0.23195	0.15867	0.20558	7.28E-05	1.45E-07	5.53E-08	7.30E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.6E-09	0.0E+00	0.0E+00	2.7E-08
175	UCART1	595167.5	4131601.33	595167.52, 4131601.33	0.20649	0.14434	0.18425	6.48E-05	1.32E-07	4.95E-08	6.49E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.4E-09	0.0E+00	0.0E+00	2.4E-08
176	UCART1	594607.5	4131651.33	594607.52, 4131651.33	0.6865	0.45387	0.6427	2.15E-04	4.14E-07	1.73E-07	2.16E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.6E-09	0.0E+00	0.0E+00	7.8E-08
177	UCART1	594642.5	4131651.33	594642.52, 4131651.33	0.67967	0.43743	0.63123	2.13E-04	3.99E-07	1.70E-07	2.14E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	7.0E-08	4.6E-09	0.0E+00	0.0E+00	7.8E-08
178	UCART1	594677.5	4131651.33	594677.52, 4131651.33	0.66714	0.41728	0.61742	2.09E-04	3.81E-07	1.66E-07	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.5E-09	0.0E+00	0.0E+00	7.6E-08
179	UCART1	594712.5	4131651.33	594712.52, 4131651.33	0.65168	0.39409	0.59935	2.04E-04	3.59E-07	1.61E-07	2.05E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	6.7E-08	4.4E-09	0.0E+00	0.0E+00	7.4E-08
180	UCART1	594747.5	4131651.33	594747.52, 4131651.33	0.63036	0.36873	0.57102	1.98E-04	3.36E-07	1.54E-07	1.98E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.2E-09	0.0E+00	0.0E+00	7.2E-08
181	UCART1	594782.5	4131651.33	594782.52, 4131651.33	0.59599	0.34163	0.52858	1.87E-04	3.12E-07	1.42E-07	1.87E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	6.2E-08	4.0E-09	0.0E+00	0.0E+00	6.8E-08
182	UCART1	594817.5	4131651.33	594817.52, 4131651.33	0.54673	0.31361	0.47574	1.71E-04	2.86E-07	1.28E-07	1.72E-04	6.0E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.3E-09	5.6E-08	3.7E-09	0.0E+00	0.0E+00	6.2E-08
183	UCART1	594852.5	4131651.33	594852.52, 4131651.33	0.48813	0.28576	0.42033	1.53E-04	2.61E-07	1.13E-07	1.53E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.0E-08	3.3E-09	0.0E+00	0.0E+00	5.6E-08
184	UCART1	594887.5	4131651.33	594887.52, 4131651.33	0.429	0.25907	0.37009	1.35E-04	2.36E-07	9.95E-08	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.9E-09	0.0E+00	0.0E+00	4.9E-08
185	UCART1	594922.5	4131651.33	594922.52, 4131651.33	0.37745	0.2345	0.32893	1.18E-04	2.14E-07	8.84E-08	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.5E-09	0.0E+00	0.0E+00	4.3E-08
186	UCART1	594957.5	4131651.33	594957.52, 4131651.33	0.33566	0.21255	0.29497	1.05E-04	1.94E-07	7.93E-08	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	3.5E-08	2.3E-09	0.0E+00	0.0E+00	3.8E-08
187	UCART1	594992.5	4131651.33	594992.52, 4131651.33	0.3003	0.19324	0.26474	9.42E-05	1.76E-07	7.12E-08	9.44E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	2.0E-09	0.0E+00	0.0E+00	3.4E-08
188	UCART1	595027.5	4131651.33	595027.52, 4131651.33	0.26835	0.17629	0.23701	8.42E-05	1.61E-07	6.37E-08	8.44E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.8E-09	0.0E+00	0.0E+00	3.1E-08
189	UCART1	595062.5	4131651.33	595062.52, 4131651.33	0.23915	0.16114	0.21203	7.50E-05	1.47E-07	5.70E-08	7.52E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.6E-09	0.0E+00	0.0E+00	2.7E-08
190	UCART1	595097.5	4131651.33	595097.52, 4131651.33	0.21336	0.1475	0.19028	6.69E-05	1.35E-07	5.12E-08	6.71E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	2.2E-08	1.4E-09	0.0E+00	0.0E+00	2.4E-08
191	UCART1	595132.5	4131651.33	595132.52, 4131651.33	0.1913	0.13526	0.17175	6.00E-05	1.23E-07	4.62E-08	6.02E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.3E-09	0.0E+00	0.0E+00	2.2E-08

Worker Risk (Mitigated)

Discrete Receptor ID	X	Y	X, Y	Construction Total	Worker Dose Construction	Worker Risk Construction
1 UCART1	594677.52	4131151.33	594677.52, 4131151.33	1.59E-04	1.0E-07	4.9E-09
2 UCART1	594712.52	4131151.33	594712.52, 4131151.33	1.93E-04	1.3E-07	6.0E-09
3 UCART1	594747.52	4131151.33	594747.52, 4131151.33	2.33E-04	1.5E-07	7.3E-09
4 UCART1	594782.52	4131151.33	594782.52, 4131151.33	2.77E-04	1.8E-07	8.6E-09
5 UCART1	594817.52	4131151.33	594817.52, 4131151.33	3.21E-04	2.1E-07	1.0E-08
6 UCART1	594852.52	4131151.33	594852.52, 4131151.33	3.78E-04	2.5E-07	1.2E-08
7 UCART1	594887.52	4131151.33	594887.52, 4131151.33	4.66E-04	3.1E-07	1.5E-08
8 UCART1	594922.52	4131151.33	594922.52, 4131151.33	6.03E-04	4.0E-07	1.9E-08
9 UCART1	594957.52	4131151.33	594957.52, 4131151.33	7.46E-04	4.9E-07	2.3E-08
10 UCART1	594992.52	4131151.33	594992.52, 4131151.33	8.39E-04	5.6E-07	2.6E-08
11 UCART1	595027.52	4131151.33	595027.52, 4131151.33	8.54E-04	5.6E-07	2.7E-08
12 UCART1	595062.52	4131151.33	595062.52, 4131151.33	8.03E-04	5.3E-07	2.5E-08
13 UCART1	595097.52	4131151.33	595097.52, 4131151.33	7.15E-04	4.7E-07	2.2E-08
14 UCART1	595132.52	4131151.33	595132.52, 4131151.33	6.12E-04	4.1E-07	1.9E-08
15 UCART1	595167.52	4131151.33	595167.52, 4131151.33	5.13E-04	3.4E-07	1.6E-08
16 UCART1	594677.52	4131201.33	594677.52, 4131201.33	2.31E-04	1.5E-07	7.2E-09
17 UCART1	594712.52	4131201.33	594712.52, 4131201.33	3.01E-04	2.0E-07	9.4E-09
18 UCART1	594747.52	4131201.33	594747.52, 4131201.33	3.92E-04	2.6E-07	1.2E-08
19 UCART1	594782.52	4131201.33	594782.52, 4131201.33	5.08E-04	3.4E-07	1.6E-08
20 UCART1	594817.52	4131201.33	594817.52, 4131201.33	6.34E-04	4.2E-07	2.0E-08
21 UCART1	594852.52	4131201.33	594852.52, 4131201.33	8.13E-04	5.4E-07	2.5E-08
22 UCART1	594887.52	4131201.33	594887.52, 4131201.33	1.14E-03	7.6E-07	3.6E-08
23 UCART1	594922.52	4131201.33	594922.52, 4131201.33	1.51E-03	1.0E-06	4.7E-08
24 UCART1	594957.52	4131201.33	594957.52, 4131201.33	1.66E-03	1.1E-06	5.2E-08
25 UCART1	594992.52	4131201.33	594992.52, 4131201.33	1.57E-03	1.0E-06	4.9E-08
26 UCART1	595027.52	4131201.33	595027.52, 4131201.33	1.34E-03	8.9E-07	4.2E-08
27 UCART1	595062.52	4131201.33	595062.52, 4131201.33	1.08E-03	7.1E-07	3.4E-08
28 UCART1	595097.52	4131201.33	595097.52, 4131201.33	8.44E-04	5.6E-07	2.6E-08
29 UCART1	595132.52	4131201.33	595132.52, 4131201.33	6.54E-04	4.3E-07	2.0E-08
30 UCART1	595167.52	4131201.33	595167.52, 4131201.33	5.06E-04	3.4E-07	1.6E-08
31 UCART1	594537.52	4131251.33	594537.52, 4131251.33	1.18E-04	7.8E-08	3.7E-09
32 UCART1	594572.52	4131251.33	594572.52, 4131251.33	1.48E-04	9.8E-08	4.6E-09
33 UCART1	594607.52	4131251.33	594607.52, 4131251.33	1.91E-04	1.3E-07	6.0E-09
34 UCART1	594642.52	4131251.33	594642.52, 4131251.33	2.57E-04	1.7E-07	8.0E-09
35 UCART1	594677.52	4131251.33	594677.52, 4131251.33	3.55E-04	2.3E-07	1.1E-08
36 UCART1	594712.52	4131251.33	594712.52, 4131251.33	5.02E-04	3.3E-07	1.6E-08
37 UCART1	594747.52	4131251.33	594747.52, 4131251.33	7.41E-04	4.9E-07	2.3E-08
38 UCART1	594782.52	4131251.33	594782.52, 4131251.33	1.14E-03	7.5E-07	3.5E-08
39 UCART1	594817.52	4131251.33	594817.52, 4131251.33	1.71E-03	1.1E-06	5.3E-08
40 UCART1	594852.52	4131251.33	594852.52, 4131251.33	2.78E-03	1.8E-06	8.7E-08
41 UCART1	594887.52	4131251.33	594887.52, 4131251.33	4.19E-03	2.8E-06	1.3E-07
42 UCART1	594922.52	4131251.33	594922.52, 4131251.33	4.12E-03	2.7E-06	1.3E-07
43 UCART1	594957.52	4131251.33	594957.52, 4131251.33	3.21E-03	2.1E-06	1.0E-07
44 UCART1	594992.52	4131251.33	594992.52, 4131251.33	2.28E-03	1.5E-06	7.1E-08

45	UCART1	595027.52	4131251.33	595027.52, 4131251.33	1.57E-03	1.0E-06	4.9E-08
46	UCART1	595062.52	4131251.33	595062.52, 4131251.33	1.09E-03	7.2E-07	3.4E-08
47	UCART1	595097.52	4131251.33	595097.52, 4131251.33	7.68E-04	5.1E-07	2.4E-08
48	UCART1	595132.52	4131251.33	595132.52, 4131251.33	5.54E-04	3.7E-07	1.7E-08
49	UCART1	595167.52	4131251.33	595167.52, 4131251.33	4.09E-04	2.7E-07	1.3E-08
50	UCART1	594537.52	4131301.33	594537.52, 4131301.33	1.45E-04	9.6E-08	4.5E-09
51	UCART1	594572.52	4131301.33	594572.52, 4131301.33	1.88E-04	1.2E-07	5.9E-09
52	UCART1	594607.52	4131301.33	594607.52, 4131301.33	2.55E-04	1.7E-07	8.0E-09
53	UCART1	594642.52	4131301.33	594642.52, 4131301.33	3.59E-04	2.4E-07	1.1E-08
54	UCART1	594677.52	4131301.33	594677.52, 4131301.33	5.19E-04	3.4E-07	1.6E-08
55	UCART1	594712.52	4131301.33	594712.52, 4131301.33	8.13E-04	5.4E-07	2.5E-08
56	UCART1	594747.52	4131301.33	594747.52, 4131301.33	1.45E-03	9.6E-07	4.5E-08
57	UCART1	594782.52	4131301.33	594782.52, 4131301.33	3.22E-03	2.1E-06	1.0E-07
58	UCART1	594852.52	4131301.33	594852.52, 4131301.33	2.21E-02	1.5E-05	6.9E-07
59	UCART1	594887.52	4131301.33	594887.52, 4131301.33	1.27E-02	8.4E-06	4.0E-07
60	UCART1	594922.52	4131301.33	594922.52, 4131301.33	6.69E-03	4.4E-06	2.1E-07
61	UCART1	594957.52	4131301.33	594957.52, 4131301.33	3.52E-03	2.3E-06	1.1E-07
62	UCART1	594992.52	4131301.33	594992.52, 4131301.33	1.97E-03	1.3E-06	6.2E-08
63	UCART1	595027.52	4131301.33	595027.52, 4131301.33	1.19E-03	7.9E-07	3.7E-08
64	UCART1	595062.52	4131301.33	595062.52, 4131301.33	7.69E-04	5.1E-07	2.4E-08
65	UCART1	595097.52	4131301.33	595097.52, 4131301.33	5.26E-04	3.5E-07	1.6E-08
66	UCART1	595132.52	4131301.33	595132.52, 4131301.33	3.77E-04	2.5E-07	1.2E-08
67	UCART1	595167.52	4131301.33	595167.52, 4131301.33	2.81E-04	1.9E-07	8.8E-09
68	UCART1	594537.52	4131351.33	594537.52, 4131351.33	1.86E-04	1.2E-07	5.8E-09
69	UCART1	594572.52	4131351.33	594572.52, 4131351.33	2.46E-04	1.6E-07	7.7E-09
70	UCART1	594607.52	4131351.33	594607.52, 4131351.33	3.40E-04	2.3E-07	1.1E-08
71	UCART1	594642.52	4131351.33	594642.52, 4131351.33	4.97E-04	3.3E-07	1.5E-08
72	UCART1	594677.52	4131351.33	594677.52, 4131351.33	7.83E-04	5.2E-07	2.4E-08
73	UCART1	594712.52	4131351.33	594712.52, 4131351.33	1.38E-03	9.2E-07	4.3E-08
74	UCART1	594747.52	4131351.33	594747.52, 4131351.33	2.89E-03	1.9E-06	9.0E-08
75	UCART1	594782.52	4131351.33	594782.52, 4131351.33	7.63E-03	5.0E-06	2.4E-07
76	UCART1	594887.52	4131351.33	594887.52, 4131351.33	9.89E-03	6.5E-06	3.1E-07
77	UCART1	594922.52	4131351.33	594922.52, 4131351.33	3.56E-03	2.4E-06	1.1E-07
78	UCART1	594957.52	4131351.33	594957.52, 4131351.33	1.72E-03	1.1E-06	5.4E-08
79	UCART1	594992.52	4131351.33	594992.52, 4131351.33	9.87E-04	6.5E-07	3.1E-08
80	UCART1	595027.52	4131351.33	595027.52, 4131351.33	6.32E-04	4.2E-07	2.0E-08
81	UCART1	595062.52	4131351.33	595062.52, 4131351.33	4.35E-04	2.9E-07	1.4E-08
82	UCART1	595097.52	4131351.33	595097.52, 4131351.33	3.16E-04	2.1E-07	9.9E-09
83	UCART1	595132.52	4131351.33	595132.52, 4131351.33	2.39E-04	1.6E-07	7.4E-09
84	UCART1	595167.52	4131351.33	595167.52, 4131351.33	1.86E-04	1.2E-07	5.8E-09
85	UCART1	594537.52	4131401.33	594537.52, 4131401.33	2.50E-04	1.7E-07	7.8E-09
86	UCART1	594572.52	4131401.33	594572.52, 4131401.33	3.41E-04	2.3E-07	1.1E-08
87	UCART1	594607.52	4131401.33	594607.52, 4131401.33	4.87E-04	3.2E-07	1.5E-08
88	UCART1	594642.52	4131401.33	594642.52, 4131401.33	7.28E-04	4.8E-07	2.3E-08
89	UCART1	594677.52	4131401.33	594677.52, 4131401.33	1.15E-03	7.6E-07	3.6E-08
90	UCART1	594712.52	4131401.33	594712.52, 4131401.33	1.89E-03	1.3E-06	5.9E-08
91	UCART1	594747.52	4131401.33	594747.52, 4131401.33	3.20E-03	2.1E-06	1.0E-07
92	UCART1	594782.52	4131401.33	594782.52, 4131401.33	5.16E-03	3.4E-06	1.6E-07
93	UCART1	594817.52	4131401.33	594817.52, 4131401.33	6.52E-03	4.3E-06	2.0E-07
94	UCART1	594852.52	4131401.33	594852.52, 4131401.33	4.61E-03	3.0E-06	1.4E-07
95	UCART1	594887.52	4131401.33	594887.52, 4131401.33	2.30E-03	1.5E-06	7.2E-08
96	UCART1	594922.52	4131401.33	594922.52, 4131401.33	1.27E-03	8.4E-07	4.0E-08
97	UCART1	594957.52	4131401.33	594957.52, 4131401.33	7.84E-04	5.2E-07	2.4E-08

98	UCART1	594992.52	4131401.33	594992.52, 4131401.33	5.25E-04	3.5E-07	1.6E-08
99	UCART1	595027.52	4131401.33	595027.52, 4131401.33	3.73E-04	2.5E-07	1.2E-08
100	UCART1	595062.52	4131401.33	595062.52, 4131401.33	2.77E-04	1.8E-07	8.6E-09
101	UCART1	595097.52	4131401.33	595097.52, 4131401.33	2.13E-04	1.4E-07	6.6E-09
102	UCART1	595132.52	4131401.33	595132.52, 4131401.33	1.68E-04	1.1E-07	5.3E-09
103	UCART1	595167.52	4131401.33	595167.52, 4131401.33	1.36E-04	9.0E-08	4.3E-09
104	UCART1	594537.52	4131451.33	594537.52, 4131451.33	3.23E-04	2.1E-07	1.0E-08
105	UCART1	594572.52	4131451.33	594572.52, 4131451.33	4.34E-04	2.9E-07	1.4E-08
106	UCART1	594607.52	4131451.33	594607.52, 4131451.33	5.91E-04	3.9E-07	1.8E-08
107	UCART1	594642.52	4131451.33	594642.52, 4131451.33	8.10E-04	5.4E-07	2.5E-08
108	UCART1	594677.52	4131451.33	594677.52, 4131451.33	1.10E-03	7.3E-07	3.4E-08
109	UCART1	594712.52	4131451.33	594712.52, 4131451.33	1.42E-03	9.4E-07	4.4E-08
110	UCART1	594747.52	4131451.33	594747.52, 4131451.33	1.70E-03	1.1E-06	5.3E-08
111	UCART1	594782.52	4131451.33	594782.52, 4131451.33	1.82E-03	1.2E-06	5.7E-08
112	UCART1	594817.52	4131451.33	594817.52, 4131451.33	1.69E-03	1.1E-06	5.3E-08
113	UCART1	594852.52	4131451.33	594852.52, 4131451.33	1.31E-03	8.7E-07	4.1E-08
114	UCART1	594887.52	4131451.33	594887.52, 4131451.33	9.20E-04	6.1E-07	2.9E-08
115	UCART1	594922.52	4131451.33	594922.52, 4131451.33	6.51E-04	4.3E-07	2.0E-08
116	UCART1	594957.52	4131451.33	594957.52, 4131451.33	4.69E-04	3.1E-07	1.5E-08
117	UCART1	594992.52	4131451.33	594992.52, 4131451.33	3.48E-04	2.3E-07	1.1E-08
118	UCART1	595027.52	4131451.33	595027.52, 4131451.33	2.65E-04	1.8E-07	8.3E-09
119	UCART1	595062.52	4131451.33	595062.52, 4131451.33	2.06E-04	1.4E-07	6.4E-09
120	UCART1	595097.52	4131451.33	595097.52, 4131451.33	1.64E-04	1.1E-07	5.1E-09
121	UCART1	595132.52	4131451.33	595132.52, 4131451.33	1.34E-04	8.8E-08	4.2E-09
122	UCART1	595167.52	4131451.33	595167.52, 4131451.33	1.10E-04	7.3E-08	3.4E-09
123	UCART1	594572.52	4131501.33	594572.52, 4131501.33	4.43E-04	2.9E-07	1.4E-08
124	UCART1	594607.52	4131501.33	594607.52, 4131501.33	5.46E-04	3.6E-07	1.7E-08
125	UCART1	594642.52	4131501.33	594642.52, 4131501.33	6.55E-04	4.3E-07	2.0E-08
126	UCART1	594677.52	4131501.33	594677.52, 4131501.33	7.52E-04	5.0E-07	2.3E-08
127	UCART1	594712.52	4131501.33	594712.52, 4131501.33	8.13E-04	5.4E-07	2.5E-08
128	UCART1	594747.52	4131501.33	594747.52, 4131501.33	8.31E-04	5.5E-07	2.6E-08
129	UCART1	594782.52	4131501.33	594782.52, 4131501.33	8.07E-04	5.3E-07	2.5E-08
130	UCART1	594817.52	4131501.33	594817.52, 4131501.33	7.32E-04	4.8E-07	2.3E-08
131	UCART1	594852.52	4131501.33	594852.52, 4131501.33	6.04E-04	4.0E-07	1.9E-08
132	UCART1	594887.52	4131501.33	594887.52, 4131501.33	4.75E-04	3.1E-07	1.5E-08
133	UCART1	594922.52	4131501.33	594922.52, 4131501.33	3.75E-04	2.5E-07	1.2E-08
134	UCART1	594957.52	4131501.33	594957.52, 4131501.33	2.97E-04	2.0E-07	9.3E-09
135	UCART1	594992.52	4131501.33	594992.52, 4131501.33	2.37E-04	1.6E-07	7.4E-09
136	UCART1	595027.52	4131501.33	595027.52, 4131501.33	1.92E-04	1.3E-07	6.0E-09
137	UCART1	595062.52	4131501.33	595062.52, 4131501.33	1.57E-04	1.0E-07	4.9E-09
138	UCART1	595097.52	4131501.33	595097.52, 4131501.33	1.31E-04	8.6E-08	4.1E-09
139	UCART1	595132.52	4131501.33	595132.52, 4131501.33	1.10E-04	7.2E-08	3.4E-09
140	UCART1	595167.52	4131501.33	595167.52, 4131501.33	9.28E-05	6.1E-08	2.9E-09
141	UCART1	594572.52	4131551.33	594572.52, 4131551.33	3.76E-04	2.5E-07	1.2E-08
142	UCART1	594607.52	4131551.33	594607.52, 4131551.33	4.20E-04	2.8E-07	1.3E-08
143	UCART1	594642.52	4131551.33	594642.52, 4131551.33	4.54E-04	3.0E-07	1.4E-08
144	UCART1	594677.52	4131551.33	594677.52, 4131551.33	4.72E-04	3.1E-07	1.5E-08
145	UCART1	594712.52	4131551.33	594712.52, 4131551.33	4.73E-04	3.1E-07	1.5E-08
146	UCART1	594747.52	4131551.33	594747.52, 4131551.33	4.64E-04	3.1E-07	1.4E-08
147	UCART1	594782.52	4131551.33	594782.52, 4131551.33	4.43E-04	2.9E-07	1.4E-08
148	UCART1	594817.52	4131551.33	594817.52, 4131551.33	4.02E-04	2.7E-07	1.3E-08
149	UCART1	594852.52	4131551.33	594852.52, 4131551.33	3.44E-04	2.3E-07	1.1E-08
150	UCART1	594887.52	4131551.33	594887.52, 4131551.33	2.86E-04	1.9E-07	8.9E-09

151	UCART1	594922.52	4131551.33	594922.52, 4131551.33	2.38E-04	1.6E-07	7.4E-09
152	UCART1	594957.52	4131551.33	594957.52, 4131551.33	2.00E-04	1.3E-07	6.2E-09
153	UCART1	594992.52	4131551.33	594992.52, 4131551.33	1.68E-04	1.1E-07	5.2E-09
154	UCART1	595027.52	4131551.33	595027.52, 4131551.33	1.42E-04	9.4E-08	4.4E-09
155	UCART1	595062.52	4131551.33	595062.52, 4131551.33	1.21E-04	8.0E-08	3.8E-09
156	UCART1	595097.52	4131551.33	595097.52, 4131551.33	1.03E-04	6.8E-08	3.2E-09
157	UCART1	595132.52	4131551.33	595132.52, 4131551.33	8.95E-05	5.9E-08	2.8E-09
158	UCART1	595167.52	4131551.33	595167.52, 4131551.33	7.79E-05	5.2E-08	2.4E-09
159	UCART1	594607.52	4131601.33	594607.52, 4131601.33	3.02E-04	2.0E-07	9.4E-09
160	UCART1	594642.52	4131601.33	594642.52, 4131601.33	3.07E-04	2.0E-07	9.6E-09
161	UCART1	594677.52	4131601.33	594677.52, 4131601.33	3.05E-04	2.0E-07	9.5E-09
162	UCART1	594712.52	4131601.33	594712.52, 4131601.33	3.00E-04	2.0E-07	9.4E-09
163	UCART1	594747.52	4131601.33	594747.52, 4131601.33	2.91E-04	1.9E-07	9.1E-09
164	UCART1	594782.52	4131601.33	594782.52, 4131601.33	2.76E-04	1.8E-07	8.6E-09
165	UCART1	594817.52	4131601.33	594817.52, 4131601.33	2.52E-04	1.7E-07	7.9E-09
166	UCART1	594852.52	4131601.33	594852.52, 4131601.33	2.21E-04	1.5E-07	6.9E-09
167	UCART1	594887.52	4131601.33	594887.52, 4131601.33	1.90E-04	1.3E-07	5.9E-09
168	UCART1	594922.52	4131601.33	594922.52, 4131601.33	1.63E-04	1.1E-07	5.1E-09
169	UCART1	594957.52	4131601.33	594957.52, 4131601.33	1.42E-04	9.4E-08	4.4E-09
170	UCART1	594992.52	4131601.33	594992.52, 4131601.33	1.24E-04	8.2E-08	3.9E-09
171	UCART1	595027.52	4131601.33	595027.52, 4131601.33	1.08E-04	7.1E-08	3.4E-09
172	UCART1	595062.52	4131601.33	595062.52, 4131601.33	9.41E-05	6.2E-08	2.9E-09
173	UCART1	595097.52	4131601.33	595097.52, 4131601.33	8.25E-05	5.5E-08	2.6E-09
174	UCART1	595132.52	4131601.33	595132.52, 4131601.33	7.30E-05	4.8E-08	2.3E-09
175	UCART1	595167.52	4131601.33	595167.52, 4131601.33	6.49E-05	4.3E-08	2.0E-09
176	UCART1	594607.52	4131651.33	594607.52, 4131651.33	2.16E-04	1.4E-07	6.7E-09
177	UCART1	594642.52	4131651.33	594642.52, 4131651.33	2.14E-04	1.4E-07	6.7E-09
178	UCART1	594677.52	4131651.33	594677.52, 4131651.33	2.10E-04	1.4E-07	6.5E-09
179	UCART1	594712.52	4131651.33	594712.52, 4131651.33	2.05E-04	1.4E-07	6.4E-09
180	UCART1	594747.52	4131651.33	594747.52, 4131651.33	1.98E-04	1.3E-07	6.2E-09
181	UCART1	594782.52	4131651.33	594782.52, 4131651.33	1.87E-04	1.2E-07	5.8E-09
182	UCART1	594817.52	4131651.33	594817.52, 4131651.33	1.72E-04	1.1E-07	5.4E-09
183	UCART1	594852.52	4131651.33	594852.52, 4131651.33	1.53E-04	1.0E-07	4.8E-09
184	UCART1	594887.52	4131651.33	594887.52, 4131651.33	1.35E-04	8.9E-08	4.2E-09
185	UCART1	594922.52	4131651.33	594922.52, 4131651.33	1.19E-04	7.9E-08	3.7E-09
186	UCART1	594957.52	4131651.33	594957.52, 4131651.33	1.06E-04	7.0E-08	3.3E-09
187	UCART1	594992.52	4131651.33	594992.52, 4131651.33	9.44E-05	6.2E-08	2.9E-09
188	UCART1	595027.52	4131651.33	595027.52, 4131651.33	8.44E-05	5.6E-08	2.6E-09
189	UCART1	595062.52	4131651.33	595062.52, 4131651.33	7.52E-05	5.0E-08	2.3E-09
190	UCART1	595097.52	4131651.33	595097.52, 4131651.33	6.71E-05	4.4E-08	2.1E-09
191	UCART1	595132.52	4131651.33	595132.52, 4131651.33	6.02E-05	4.0E-08	1.9E-09

CONSTRUCTION (UNMITIGATED)

	2027		Days	Vendor	Hauling	Vendor	Hauling
Demo	1/1/2027	2/1/2027	22	0	14	0	304
Site Prep	2/2/2027	3/1/2027	20	0	0	0	0
Grading	3/2/2027	4/1/2027	23	0	8	0	188
Building	4/2/2027	12/31/2027	196	12	0	2377	0
	2028						
Building	1/1/2028	5/1/2028	86	12	0	1043	0
Paving	5/2/2028	7/1/2028	44	0	0	0	0
Arch Coating	4/1/2028	7/1/2028	65	0	0	0	0

On-Site Construction PM2.5 Exhaust (tons/yr)

Year	Phase	Unmitigated
2027	Demo	1.20E-03
2027	Site Prep	1.53E-03
2027	Grading	4.14E-03
2027	Building	1.50E-02
	Total 2027	**2.19E-02**
2028	Building	5.96E-03
2028	Paving	3.13E-03
2028	Arch Coating	4.59E-04
	Total 2028	**9.55E-03**

Off-Site Construction PM2.5 Exhaust (tons/yr)

Year	Phase	Unmitigated
2027	Demo	1.34E-04
2027	Site Prep	0.00E+00
2027	Grading	8.29E-05
2027	Building	4.40E-04
	Total 2027	**6.56E-04**
2028	Building	9.78E-05
2028	Paving	0.00E+00
2028	Arch Coating	0.00E+00
	Total 2028	**9.78E-05**

Construction

Group: ONSITE

PM10 Exhaust Onsite

		Unmitigated		
Year	**Unmitigated Tons/Year**	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2027	2.19E-02	2.64E-03	**2.17E-03**	1
2028	9.55E-03	1.54E-03		

Group: OFFSITE

	Trips		Miles		Weighted
Year	**Vendor**	**Hauling**	**Vendor**	**Hauling**	**Trip length**
2027	2377	492	**8.4**	**20**	10.39
2028	1043	0	**8.4**	**20**	8.40

PM2.5 Exhaust Off-Site

		Unmitigated		Weighted Average Off-Site
	Tons/Year	**g/s**	**g/s per mile**	**Rate**
2027	6.56E-04	7.92E-05	7.63E-06	**5.17E-06**
2028	9.78E-05	1.58E-05	1.88E-06	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
				Unmitigated	
San Carlos	**35**	**284**	0.18	5.17E-06	9.12E-07
Cleveland	**25**	**83.7**	0.05	5.17E-06	2.69E-07

Risk Summary

Residential Exposure
Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Residences North	594817.52	4131401	594817.52, 4131401.33	93	0.045149144	1.38239E-05	13.82385114	1.00E-05	Exceed
School receptor	595097.52	4131351	595097.52, 4131351.33	82	0.002184961	6.68995E-07	0.668995473	1.00E-05	LTS

Worker Exposure
Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Worker East	594852.52	4131301	594852.52, 4131301.33	58	0.153160922	4.77736E-06	4.777361923	1.00E-05	LTS

Phase I Construction/Operations Only (Start 3rd Tri)

Age	BR/BW	ASF	FAH	Construction ED
3rd Tri	361	10	0.85	0.25
0<2	1090	10	0.85	2.000
2<9	631	3	0.72	0.75
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 and gre				3

CONSTRUCTION RISK (UNMITIGATED)

CONSTRUCTION RISK (UNMITIGATED)

Unmitigated		
Onsite	Offsite San Carlos	Offsite Cleveland
2.17E-03	9.12E-07	2.69E-07

					Concentration (AVERAGE CONC) [u			Concentration (AVERAGE CONC) [ug/m^3]				Residential Dose					Risk by Age Group					
	Discrete Re	X	Y	X, Y	Onsite	Offsite San Carlos	Offsite Clevelan d	Onsite	Offsite San Carlos	Offsite Cleveland	Unmitigated 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	594677.5	4131151.33	594677.52, 4131151.33	0.50037	1.52498	0.62472	1.09E-03	1.39E-06	1.68E-07	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.0E-07	1.7E-08	0.0E+00	0.0E+00	3.3E-07
2	UCART1	594712.5	4131151.33	594712.52, 4131151.33	0.60781	2.02449	0.77087	1.32E-03	1.85E-06	2.07E-07	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	2.0E-08	0.0E+00	0.0E+00	4.1E-07
3	UCART1	594747.5	4131151.33	594747.52, 4131151.33	0.73322	2.62283	0.93975	1.59E-03	2.39E-06	2.53E-07	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	1.8E-08	4.5E-07	2.5E-08	0.0E+00	0.0E+00	4.9E-07
4	UCART1	594782.5	4131151.33	594782.52, 4131151.33	0.87238	3.1967	1.12254	1.90E-03	2.92E-06	3.02E-07	1.90E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.9E-08	0.0E+00	0.0E+00	5.8E-07
5	UCART1	594817.5	4131151.33	594817.52, 4131151.33	1.01217	3.64429	1.32317	2.20E-03	3.32E-06	3.56E-07	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.2E-07	3.4E-08	0.0E+00	0.0E+00	6.7E-07
6	UCART1	594852.5	4131151.33	594852.52, 4131151.33	1.19134	3.93718	1.65381	2.59E-03	3.59E-06	4.45E-07	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.2E-07	4.0E-08	0.0E+00	0.0E+00	7.9E-07
7	UCART1	594887.5	4131151.33	594887.52, 4131151.33	1.47329	4.07063	2.18352	3.20E-03	3.71E-06	5.87E-07	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.7E-08	9.0E-07	4.9E-08	0.0E+00	0.0E+00	9.8E-07
8	UCART1	594922.5	4131151.33	594922.52, 4131151.33	1.90745	4.06827	2.77235	4.15E-03	3.71E-06	7.45E-07	4.15E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	4.8E-08	1.2E-06	6.4E-08	0.0E+00	0.0E+00	1.3E-06
9	UCART1	594957.5	4131151.33	594957.52, 4131151.33	2.36306	3.91307	3.11993	5.14E-03	3.57E-06	8.39E-07	5.14E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	5.9E-08	1.4E-06	7.9E-08	0.0E+00	0.0E+00	1.6E-06
10	UCART1	594992.5	4131151.33	594992.52, 4131151.33	2.6617	3.56611	3.13164	5.78E-03	3.25E-06	8.42E-07	5.79E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.4E-06	6.7E-08	1.6E-06	8.9E-08	0.0E+00	0.0E+00	1.8E-06
11	UCART1	595027.5	4131151.33	595027.52, 4131151.33	2.71063	3.04803	2.88449	5.89E-03	2.78E-06	7.75E-07	5.89E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	6.8E-08	1.6E-06	9.1E-08	0.0E+00	0.0E+00	1.8E-06
12	UCART1	595062.5	4131151.33	595062.52, 4131151.33	2.55003	2.47068	2.51104	5.54E-03	2.25E-06	6.75E-07	5.54E-03	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	6.4E-08	1.5E-06	8.5E-08	0.0E+00	0.0E+00	1.7E-06
13	UCART1	595097.5	4131151.33	595097.52, 4131151.33	2.27128	1.94115	2.11305	4.94E-03	1.77E-06	5.68E-07	4.94E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.6E-08	0.0E+00	0.0E+00	1.5E-06
14	UCART1	595132.5	4131151.33	595132.52, 4131151.33	1.94625	1.50518	1.74053	4.23E-03	1.37E-06	4.68E-07	4.23E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.5E-08	0.0E+00	0.0E+00	1.3E-06
15	UCART1	595167.5	4131151.33	595167.52, 4131151.33	1.63097	1.16779	1.42047	3.54E-03	1.07E-06	3.82E-07	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.1E-08	9.9E-07	5.5E-08	0.0E+00	0.0E+00	1.1E-06
16	UCART1	594677.5	4131201.33	594677.52, 4131201.33	0.72567	3.93978	0.95491	1.58E-03	3.59E-06	2.57E-07	1.58E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.4E-07	2.4E-08	0.0E+00	0.0E+00	4.8E-07
17	UCART1	594712.5	4131201.33	594712.52, 4131201.33	0.94221	5.68496	1.28366	2.05E-03	5.19E-06	3.45E-07	2.05E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	3.2E-08	0.0E+00	0.0E+00	6.3E-07
18	UCART1	594747.5	4131201.33	594747.52, 4131201.33	1.22816	7.10295	1.73188	2.67E-03	6.48E-06	4.66E-07	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.1E-08	7.5E-07	4.1E-08	0.0E+00	0.0E+00	8.2E-07
19	UCART1	594782.5	4131201.33	594782.52, 4131201.33	1.59464	7.9997	2.29918	3.47E-03	7.30E-06	6.18E-07	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.0E-08	9.7E-07	5.4E-08	0.0E+00	0.0E+00	1.1E-06
20	UCART1	594817.5	4131201.33	594817.52, 4131201.33	1.99404	8.45081	2.99432	4.33E-03	7.71E-06	8.05E-07	4.34E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.0E-08	1.2E-06	6.7E-08	0.0E+00	0.0E+00	1.3E-06
21	UCART1	594852.5	4131201.33	594852.52, 4131201.33	2.56348	8.5467	4.40213	5.57E-03	7.80E-06	1.18E-06	5.58E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	6.4E-08	1.6E-06	8.6E-08	0.0E+00	0.0E+00	1.7E-06
22	UCART1	594887.5	4131201.33	594887.52, 4131201.33	3.60983	8.31963	6.09139	7.84E-03	7.59E-06	1.64E-06	7.85E-03	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	9.1E-08	2.2E-06	1.2E-07	0.0E+00	0.0E+00	2.4E-06
23	UCART1	594922.5	4131201.33	594922.52, 4131201.33	4.78415	7.77141	6.59539	1.04E-02	7.09E-06	1.77E-06	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.2E-07	2.9E-06	1.6E-07	0.0E+00	0.0E+00	3.2E-06
24	UCART1	594957.5	4131201.33	594957.52, 4131201.33	5.27976	6.69667	5.94684	1.15E-02	6.11E-06	1.60E-06	1.15E-02	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.3E-07	3.2E-06	1.8E-07	0.0E+00	0.0E+00	3.5E-06
25	UCART1	594992.5	4131201.33	594992.52, 4131201.33	4.98262	5.09018	4.85848	1.08E-02	4.64E-06	1.31E-06	1.08E-02	3.8E-06	1.1E-05	6.6E-06	5.9E-06	2.7E-06	1.3E-07	3.0E-06	1.7E-07	0.0E+00	0.0E+00	3.3E-06
26	UCART1	595027.5	4131201.33	595027.52, 4131201.33	4.25258	3.56978	3.78199	9.24E-03	3.26E-06	1.02E-06	9.25E-03	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.1E-07	2.6E-06	1.4E-07	0.0E+00	0.0E+00	2.8E-06
27	UCART1	595062.5	4131201.33	595062.52, 4131201.33	3.428	2.46058	2.88548	7.45E-03	2.24E-06	7.76E-07	7.45E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.6E-08	2.1E-06	1.1E-07	0.0E+00	0.0E+00	2.3E-06
28	UCART1	595097.5	4131201.33	595097.52, 4131201.33	2.68496	1.72388	2.19238	5.83E-03	1.57E-06	5.89E-07	5.84E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	9.0E-08	0.0E+00	0.0E+00	1.8E-06
29	UCART1	595132.5	4131201.33	595132.52, 4131201.33	2.07965	1.24215	1.6732	4.52E-03	1.13E-06	4.50E-07	4.52E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	5.2E-08	1.3E-06	7.0E-08	0.0E+00	0.0E+00	1.4E-06
30	UCART1	595167.5	4131201.33	595167.52, 4131201.33	1.61075	0.92263	1.29014	3.50E-03	8.42E-07	3.47E-07	3.50E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.0E-08	9.8E-07	5.4E-08	0.0E+00	0.0E+00	1.1E-06
31	UCART1	594537.5	4131251.33	594537.52, 4131251.33	0.37255	1.26837	0.45158	8.10E-04	1.16E-06	1.21E-07	8.11E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	9.4E-09	2.3E-07	1.2E-08	0.0E+00	0.0E+00	2.5E-07
32	UCART1	594572.5	4131251.33	594572.52, 4131251.33	0.46599	2.17257	0.57857	1.01E-03	1.98E-06	1.56E-07	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.6E-07	2.5E-07	1.2E-08	2.8E-07	1.6E-08	0.0E+00	0.0E+00	3.1E-07
33	UCART1	594607.5	4131251.33	594607.52, 4131251.33	0.59589	4.55575	0.76175	1.29E-03	4.16E-06	2.05E-07	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.5E-08	3.6E-07	2.0E-08	0.0E+00	0.0E+00	4.0E-07
34	UCART1	594642.5	4131251.33	594642.52, 4131251.33	0.78464	11.3083	1.04106	1.71E-03	1.03E-05	2.80E-07	1.72E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.0E-08	4.8E-07	2.6E-08	0.0E+00	0.0E+00	5.3E-07
35	UCART1	594677.5	4131251.33	594677.52, 4131251.33	1.07262	19.5681	1.49535	2.33E-03	1.79E-05	4.02E-07	2.35E-03	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.6E-08	0.0E+00	0.0E+00	7.2E-07
36	UCART1	594712.5	4131251.33	594712.52, 4131251.33	1.53087	23.1984	2.28549	3.33E-03	2.12E-05	6.14E-07	3.35E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.3E-07	5.2E-08	0.0E+00	0.0E+00	1.0E-06
37	UCART1	594747.5	4131251.33	594747.52, 4131251.33	2.28713	24.5538	3.77271	4.97E-03	2.24E-05	1.01E-06	4.99E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	5.8E-08	1.4E-06	7.7E-08	0.0E+00	0.0E+00	1.5E-06
38	UCART1	594782.5	4131251.33	594782.52, 4131251.33	3.55018	24.9367	6.69711	7.72E-03	2.27E-05	1.80E-06	7.74E-03	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	8.9E-08	2.2E-06	1.2E-07	0.0E+00	0.0E+00	2.4E-06
39	UCART1	594817.5	4131251.33	594817.52, 4131251.33	5.38292	24.8567	12.1021	1.17E-02	2.27E-05	3.25E-06	1.17E-02	4.1E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.4E-07	3.3E-06	1.8E-07	0.0E+00	0.0E+00	3.6E-06
40	UCART1	594852.5	4131251.33	594852.52, 4131251.33	8.78448	24.2022	20.6771	1.91E-02	2.21E-05	5.56E-06	1.91E-02	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.2E-07	5.3E-06	2.9E-07	0.0E+00	0.0E+00	5.9E-06
41	UCART1	594887.5	4131251.33	594887.52, 4131251.33	13.2908	22.4193	17.8521	2.89E-02	2.05E-05	4.80E-06	2.89E-02	1.0E-05	3.0E-05	1.7E-05	1.6E-05	7.2E-06	3.3E-07	8.1E-06	4.5E-07	0.0E+00	0.0E+00	8.9E-06
42	UCART1	594922.5	4131251.33	594922.52, 4131251.33	13.0728	17.7131	12.3405	2.84E-02	1.62E-05	3.32E-06	2.84E-02	9.8E-06	3.0E-05	1.7E-05	1.6E-05	7.1E-06	3.3E-07	7.9E-06	4.4E-07	0.0E+00	0.0E+00	8.7E-06
43	UCART1	594957.5	4131251.33	594957.52, 4131251.33	10.207	9.4285	8.1426	2.22E-02	8.60E-06	2.19E-06	2.22E-02	7.7E-06	2.3E-05	1.3E-05	1.2E-05	5.6E-06	2.6E-07	6.2E-06	3.4E-07	0.0E+00	0.0E+00	6.8E-06
44	UCART1	594992.5	4131251.33	594992.52, 4131251.33	7.25592	4.71684	5.3802	1.58E-02	4.30E-06	1.45E-06	1.58E-02	5.5E-06	1.6E-05	9.5E-06	8.7E-06	3.9E-06	1.8E-07	4.4E-06	2.4E-07	0.0E+00	0.0E+00	4.8E-06
45	UCART1	595027.5	4131251.33	595027.52, 4131251.33	5.00952	2.66261	3.62603	1.09E-02	2.43E-06	9.75E-07	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.3E-07	3.0E-06	1.7E-07	0.0E+00	0.0E+00	3.3E-06
46	UCART1	595062.5	4131251.33	595062.52, 4131251.33	3.46763	1.67798	2.51153	7.54E-03	1.53E-06	6.75E-07	7.54E-03	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	8.7E-08	2.1E-06	1.2E-07	0.0E+00	0.0E+00	2.3E-06
47	UCART1	595097.5	4131251.33	595097.52, 4131251.33	2.44268	1.14599	1.79145	5.31E-03	1.05E-06	4.82E-07	5.31E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.1E-08	1.5E-06	8.2E-08	0.0E+00	0.0E+00	1.6E-06
48	UCART1	595132.5	4131251.33	595132.52, 4131251.33	1.76142	0.82962	1.31498	3.83E-03	7.57E-07	3.54E-07	3.83E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	4.4E-08	1.1E-06	5.9E-08	0.0E+00	0.0E+00	1.2E-06
49	UCART1	595167.5	4131251.33	595167.52, 4131251.33	1.30246	0.62752	0.99149	2.83E-03	5.72E-07	2.67E-07	2.83E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.3E-08	7.9E-07	4.4E-08	0.0E+00	0.0E+00	8.7E-07
50	UCART1	594537.5	4131301.33	594537.52, 4131301.33	0.45678	2.13355	0.56768	9.93E-04	1.95E-06	1.53E-07	9.95E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.1E-08	2.8E-07	1.5E-08	0.0E+00	0.0E+00	3.0E-07
51	UCART1	594572.5	4131301.33	594572.52, 4131301.33	0.58543	4.48938	0.74969	1.27E-03	4.10E-06	2.02E-07	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.6E-07	2.0E-08	0.0E+00	0.0E+00	3.9E-07
52	UCART1	594607.5	4131301.33	594607.52, 4131301.33	0.77623	12.5277	1.03295	1.69E-03	1.14E-05	2.78E-07	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.0E-08	4.7E-07	2.6E-08	0.0E+00	0.0E+00	5.2E-07
53	UCART1	594642.5	4131301.33	594642.52, 4131301.33	1.07404	23.6188	1.50489	2.33E-03	2.15E-05	4.05E-07	2.36E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	2.7E-08	6.6E-07	3.6E-08	0.0E+00	0.0E+00	7.2E-07
54	UCART1	594677.5	4131301.33	594677.52, 4131301.33	1.57506	26.8889	2.37642	3.42E-03	2.45E-05	6.39E-07	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.0E-08	9.6E-07	5.3E-08	0.0E+00	0.0E+00	1.1E-06
55	UCART1	594712.5	4131301.33	594712.52, 4131301.33	2.50664	28.1968	4.23552	5.45E-03	2.57E-05	1.14E-06	5.47E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	1.5E-06	8.4E-08	0.0E+00	0.0E+00	1.7E-06
56	UCART1	594747.5	4131301.33	594747.52, 4131301.33	4.52117	29.17	9.31534	9.83E-03	2.66E-05	2.50E-06	9.85E-03	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.1E-07	2.8E-06	1.5E-07	0.0E+00	0.0E+00	3.0E-06
57	UCART1	594782.5	4131301.33	594782.52, 4131301.33	10.1389	29.497	31.1578	2.20E-02	2.69E-05	8.38E-06	2.21E-02	7.6E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	2.6E-07	6.2E-06	3.4E-07	0.0E+00	0.0E+00	6.8E-06
58	UCART1	594852.5	4131301.33	594852.52, 4131301.33	70.4637	21.7903	50.761	1.53E-01	1.99E-05	1.36E-05	1.53E-01	5.3E-05	1.6E-04	9.3E-05	8.4E-05	3.8E-05	1.8E-06	4.3E-05	2.4E-06	0.0E+00	0.0E+00	4.7E-05
59	UCART1	594887.5	4131301.33	594887.52, 4131301.33	40.4622	15.54	23.3369	8.79E-02	1.42E-05	6.27E-06	8.80E-02	3.0E-05	9.2E-05	5.3E-05	4.8E-05	2.2E-05	1.0E-06	2.5E-05	1.4E-06	0.0E+00	0.0E+00	2.7E-05
60	UCART1	594922.5	4131301.33	594922.52, 4131301.33	21.3046	8.16584	11.6529	4.63E-02	7.45E-06	3.13E-06	4.63E-02	1.6E-05	4.8E-05	2.8E-05	2.5E-05	1.2E-05	5.4E-07	1.3E-05	7.1E-07	0.0E+00	0.0E+00	1.4E-05
61	UCART1	594957.5	4131301.33	594957.52, 4131301.33	11.214	3.53094	6.37824	2.44E-02	3.22E-06	1.71E-06	2.44E-02	8.4E-06	2.5E-05	1.5E-05	1.3E-05	6.1E-06	2.8E-07	6.8E-06	3.8E-07	0.0E+00	0.0E+00	7.5E-06
62	UCART1	594992.5	4131301.33	594992.52, 4131301.33	6.27765	2.013	3.80831	1.36E-02	1.84E-06	1.02E-06	1.36E-02	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.6E-07	3.8E-06	2.1E-07	0.0E+00	0.0E+00	4.2E-06
63	UCART1	595027.5	4131301.33	595027.52, 4131301.33	3.78918	1.3122	2.44716	8.23E-03	1.20E-06	6.58E-07	8.24E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	9.5E-08	2.3E-06	1.3E-07	0.0E+00	0.0E+00	2.5E-06
64	UCART1	595062.5	4131301.33	595062.52, 4131301.33	2.44883	0.92639	1.66915	5.32E-03	8.45E-07	4.49E-07	5.32E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	8.2E-08	0.0E+00	0.0E+00	1.6E-06
65	UCART1	595097.5	4131301.33	595097.52, 4131301.33	1.67529	0.69007	1.19465	3.64E-03	6.29E-07	3.21E-07	3.64E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.2E-08	1.0E-06	5.6E-08	0.0E+00	0.0E+00	1.1E-06
66	UCART1	595132.5	4131301.33	595132.52, 4131301.33	1.20055	0.53443	0.88908	2.61E-03	4.88E-07	2.39E-07	2.61E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.3E-07	4.0E-08	0.0E+00	0.0E+00	8.0E-07
67	UCART1	595167.5	4131301.33	595167.52, 4131301.33	0.89388	0.42645	0.6833	1.94E-03	3.89E-07	1.84E-07	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	5.4E-07	3.0E-08	0.0E+00	0.0E+00	5.9E-07
68	UCART1	594537.5	4131351.33	594537.52, 4131351.33	0.58309	2.80406	0.75544	1.27E-03	2.56E-06	2.03E-07	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.5E-07	2.0E-08	0.0E+00	0.0E+00	3.9E-07
69	UCART1	594572.5	4131351.33	594572.52, 4131351.33	0.77155	4.23365	1.0384	1.68E-03	3.86E-06	2.79E-07	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.6E-08	0.0E+00	0.0E+00	5.1E-07
70	UCART1	594607.5	4131351.33	594607.52, 4131351.33	1.06625	5.82482	1.50399	2.32E-03	5.31E-06	4.04E-07	2.32E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.6E-08	0.0E+00	0.0E+00	7.1E-07
71	UCART1	594642.5	4131351.33	594642.52, 4131351.33	1.56053	7.06908	2.3321	3.39E-03	6.45E-06	6.27E-07	3.40E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	3.9E-08	9.5E-07	5.2E-08	0.0E+00	0.0E+00	1.0E-06
72	UCART1	594677.5	4131351.33	594677.52, 4131351.33	2.4713	7.76987	3.95577	5.37E-03	7.09E-06	1.06E-06	5.38E-03	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.3E-06	6.2E-08	1.5E-06	8.3E-08	0.0E+00	0.0E+00	1.6E-06
73	UCART1	594712.5	4131351.33	594712.52, 4131351.33	4.38089	8.07524	7.53464	9.52E-03	7.37E-06	2.03E-06	9.53E-03	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.1E-07	2.7E-06	1.5E-07	0.0E+00	0.0E+00	2.9E-06
74	UCART1	594747.5	4131351.33	594747.52, 4131351.33	9.17453	8.09891	16.6709	1.99E-02	7.39E-06	4.48E-06	1.99E-02	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.3E-07	5.6E-06	3.1E-07	0.0E+00	0.0E+00	6.1E-06
75	UCART1	594782.5	4131351.33	594782.52, 4131351.33	24.2483	7.79153	46.4546	5.27E-02	7.11E-06	1.25E-05	5.27E-02	1.8E-05	5.5E-05	3.2E-05	2.9E-05	1.3E-05	6.1E-07	1.5E-05	8.1E-07	0.0E+00	0.0E+00	1.6E-05
76	UCART1	594887.5	4131351.33	594887.52, 4131351.33	31.5232	4.06217	11.5463	6.85E-02	3.71E-06	3.10E-06	6.85E-02	2.4E-05	7.2E-05	4.1E-05	3.8E-05	1.7E-05	7.9E-07	1.9E-05	1.1E-06	0.0E+00	0.0E+00	2.1E-05
77	UCART1	594922.5	4131351.33	594922.52, 4131351.33	11.3351	2.5856	5.53001	2.46E-02	2.36E-06	1.49E-06	2.46E-02	8.5E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	2.8E-07	6.9E-06	3.8E-07	0.0E+00	0.0E+00	7.5E-06
78	UCART1	594957.5	4131351.33	594957.52, 4131351.33	5.47011	1.67196	3.16232	1.19E-02	1.53E-06	8.50E-07	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.4E-07	3.3E-06	1.8E-07	0.0E+00	0.0E+00	3.6E-06
79	UCART1	594992.5	4131351.33	594992.52, 4131351.33	3.14071	1.14436	2.01945	6.83E-03	1.04E-06	5.43E-07	6.83E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.9E-08	1.9E-06	1.1E-07	0.0E+00	0.0E+00	2.1E-06
80	UCART1	595027.5	4131351.33	595027.52, 4131351.33	2.0

CONSTRUCTION RISK (UNMITIGATED)

121	UCART1	595132.5	4131451.33	595132.52, 4131451.33	0.42457	0.26865	0.35681	9.23E-04	2.45E-07	9.59E-08	9.23E-04	3.2E-07	9.6E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.4E-08	0.0E+00	0.0E+00	2.8E-07
122	UCART1	595167.5	4131451.33	595167.52, 4131451.33	0.351	0.23094	0.29959	7.63E-04	2.11E-07	8.05E-08	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	2.1E-07	1.2E-08	0.0E+00	0.0E+00	2.3E-07
123	UCART1	594572.5	4131501.33	594572.52, 4131501.33	1.40735	1.25214	1.56965	3.06E-03	1.14E-06	4.22E-07	3.06E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.5E-08	8.5E-07	4.7E-08	0.0E+00	0.0E+00	9.4E-07
124	UCART1	594607.5	4131501.33	594607.52, 4131501.33	1.73602	1.28606	1.86994	3.77E-03	1.17E-06	5.03E-07	3.77E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	4.4E-08	1.1E-06	5.8E-08	0.0E+00	0.0E+00	1.2E-06
125	UCART1	594642.5	4131501.33	594642.52, 4131501.33	2.08328	1.28467	2.14374	4.53E-03	1.17E-06	5.76E-07	4.53E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	5.2E-08	1.3E-06	7.0E-08	0.0E+00	0.0E+00	1.4E-06
126	UCART1	594677.5	4131501.33	594677.52, 4131501.33	2.39148	1.24702	2.33191	5.20E-03	1.14E-06	6.27E-07	5.20E-03	1.8E-06	5.4E-06	3.1E-06	2.9E-06	1.3E-06	6.0E-08	1.5E-06	8.0E-08	0.0E+00	0.0E+00	1.6E-06
127	UCART1	594712.5	4131501.33	594712.52, 4131501.33	2.58796	1.1787	2.39585	5.62E-03	1.08E-06	6.44E-07	5.63E-03	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.5E-08	1.6E-06	8.7E-08	0.0E+00	0.0E+00	1.7E-06
128	UCART1	594747.5	4131501.33	594747.52, 4131501.33	2.64343	1.08951	2.35268	5.74E-03	9.94E-07	6.33E-07	5.75E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	6.6E-08	1.6E-06	8.9E-08	0.0E+00	0.0E+00	1.8E-06
129	UCART1	594782.5	4131501.33	594782.52, 4131501.33	2.56729	0.98593	2.18256	5.58E-03	8.99E-07	5.87E-07	5.58E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	6.5E-08	1.6E-06	8.6E-08	0.0E+00	0.0E+00	1.7E-06
130	UCART1	594817.5	4131501.33	594817.52, 4131501.33	2.33	0.87466	1.8463	5.06E-03	7.98E-07	4.96E-07	5.06E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.9E-08	1.4E-06	7.8E-08	0.0E+00	0.0E+00	1.6E-06
131	UCART1	594852.5	4131501.33	594852.52, 4131501.33	1.92362	0.7605	1.46604	4.18E-03	6.94E-07	3.94E-07	4.18E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	4.8E-08	1.2E-06	6.4E-08	0.0E+00	0.0E+00	1.3E-06
132	UCART1	594887.5	4131501.33	594887.52, 4131501.33	1.51089	0.64971	1.16397	3.28E-03	5.93E-07	3.13E-07	3.28E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	9.2E-07	5.1E-08	0.0E+00	0.0E+00	1.0E-06
133	UCART1	594922.5	4131501.33	594922.52, 4131501.33	1.19273	0.5506	0.93168	2.59E-03	5.02E-07	2.50E-07	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.2E-07	4.0E-08	0.0E+00	0.0E+00	7.9E-07
134	UCART1	594957.5	4131501.33	594957.52, 4131501.33	0.94631	0.46759	0.74914	2.06E-03	4.27E-07	2.01E-07	2.06E-03	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	3.2E-08	0.0E+00	0.0E+00	6.3E-07
135	UCART1	594992.5	4131501.33	594992.52, 4131501.33	0.75543	0.39935	0.60827	1.64E-03	3.64E-07	1.64E-07	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.5E-08	0.0E+00	0.0E+00	5.0E-07
136	UCART1	595027.5	4131501.33	595027.52, 4131501.33	0.61094	0.34279	0.50032	1.33E-03	3.13E-07	1.35E-07	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	2.0E-08	0.0E+00	0.0E+00	4.1E-07
137	UCART1	595062.5	4131501.33	595062.52, 4131501.33	0.50078	0.29572	0.41655	1.09E-03	2.70E-07	1.12E-07	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.0E-07	1.7E-08	0.0E+00	0.0E+00	3.3E-07
138	UCART1	595097.5	4131501.33	595097.52, 4131501.33	0.41543	0.2568	0.35059	9.03E-04	2.34E-07	9.43E-08	9.03E-04	3.1E-07	9.4E-07	5.5E-07	5.0E-07	2.3E-07	1.0E-08	2.5E-07	1.4E-08	0.0E+00	0.0E+00	2.8E-07
139	UCART1	595132.5	4131501.33	595132.52, 4131501.33	0.34837	0.22455	0.29793	7.57E-04	2.05E-07	8.01E-08	7.57E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	8.8E-09	2.1E-07	1.2E-08	0.0E+00	0.0E+00	2.3E-07
140	UCART1	595167.5	4131501.33	595167.52, 4131501.33	0.29512	0.19759	0.2555	6.41E-04	1.80E-07	6.87E-08	6.42E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.9E-09	0.0E+00	0.0E+00	2.0E-07
141	UCART1	594572.5	4131551.33	594572.52, 4131551.33	1.19457	0.87336	1.22734	2.60E-03	7.97E-07	3.30E-07	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.3E-07	4.0E-08	0.0E+00	0.0E+00	8.0E-07
142	UCART1	594607.5	4131551.33	594607.52, 4131551.33	1.33687	0.8717	1.32621	2.91E-03	7.95E-07	3.57E-07	2.91E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.4E-08	8.1E-07	4.5E-08	0.0E+00	0.0E+00	8.9E-07
143	UCART1	594642.5	4131551.33	594642.52, 4131551.33	1.44403	0.85221	1.38116	3.14E-03	7.77E-07	3.71E-07	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	3.6E-08	8.8E-07	4.8E-08	0.0E+00	0.0E+00	9.6E-07
144	UCART1	594677.5	4131551.33	594677.52, 4131551.33	1.50012	0.81641	1.39081	3.26E-03	7.45E-07	3.74E-07	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	9.1E-07	5.0E-08	0.0E+00	0.0E+00	1.0E-06
145	UCART1	594712.5	4131551.33	594712.52, 4131551.33	1.50543	0.76794	1.36769	3.27E-03	7.01E-07	3.68E-07	3.27E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	3.8E-08	9.1E-07	5.0E-08	0.0E+00	0.0E+00	1.0E-06
146	UCART1	594747.5	4131551.33	594747.52, 4131551.33	1.47595	0.71164	1.31694	3.21E-03	6.49E-07	3.54E-07	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	3.7E-08	9.0E-07	4.9E-08	0.0E+00	0.0E+00	9.8E-07
147	UCART1	594782.5	4131551.33	594782.52, 4131551.33	1.4083	0.65005	1.21513	3.06E-03	5.93E-07	3.27E-07	3.06E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	3.5E-08	8.5E-07	4.7E-08	0.0E+00	0.0E+00	9.4E-07
148	UCART1	594817.5	4131551.33	594817.52, 4131551.33	1.27876	0.58502	1.05705	2.78E-03	5.34E-07	2.84E-07	2.78E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.2E-08	7.8E-07	4.3E-08	0.0E+00	0.0E+00	8.5E-07
149	UCART1	594852.5	4131551.33	594852.52, 4131551.33	1.09487	0.51873	0.88466	2.38E-03	4.73E-07	2.38E-07	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.8E-08	6.6E-07	3.7E-08	0.0E+00	0.0E+00	7.3E-07
150	UCART1	594887.5	4131551.33	594887.52, 4131551.33	0.90895	0.45462	0.73948	1.98E-03	4.15E-07	1.99E-07	1.98E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	3.0E-08	0.0E+00	0.0E+00	6.0E-07
151	UCART1	594922.5	4131551.33	594922.52, 4131551.33	0.75816	0.39659	0.62447	1.65E-03	3.62E-07	1.68E-07	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.5E-08	0.0E+00	0.0E+00	5.0E-07
152	UCART1	594957.5	4131551.33	594957.52, 4131551.33	0.63714	0.34666	0.52828	1.38E-03	3.16E-07	1.42E-07	1.39E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.1E-08	0.0E+00	0.0E+00	4.2E-07
153	UCART1	594992.5	4131551.33	594992.52, 4131551.33	0.53524	0.30444	0.44729	1.16E-03	2.78E-07	1.20E-07	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.3E-08	3.2E-07	1.8E-08	0.0E+00	0.0E+00	3.6E-07
154	UCART1	595027.5	4131551.33	595027.52, 4131551.33	0.45102	0.26846	0.38103	9.80E-04	2.45E-07	1.02E-07	9.80E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.1E-08	2.7E-07	1.5E-08	0.0E+00	0.0E+00	3.0E-07
155	UCART1	595062.5	4131551.33	595062.52, 4131551.33	0.38323	0.23742	0.32748	8.33E-04	2.17E-07	8.80E-08	8.33E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	9.6E-09	2.3E-07	1.3E-08	0.0E+00	0.0E+00	2.6E-07
156	UCART1	595097.5	4131551.33	595097.52, 4131551.33	0.32886	0.21079	0.28394	7.15E-04	1.92E-07	7.63E-08	7.15E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	8.3E-09	2.0E-07	1.1E-08	0.0E+00	0.0E+00	2.2E-07
157	UCART1	595132.5	4131551.33	595132.52, 4131551.33	0.28455	0.18807	0.24794	6.18E-04	1.72E-07	6.67E-08	6.19E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	7.2E-09	1.7E-07	9.5E-09	0.0E+00	0.0E+00	1.9E-07
158	UCART1	595167.5	4131551.33	595167.52, 4131551.33	0.2478	0.16867	0.21778	5.39E-04	1.54E-07	5.85E-08	5.39E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	6.2E-09	1.5E-07	8.3E-09	0.0E+00	0.0E+00	1.6E-07
159	UCART1	594607.5	4131601.33	594607.52, 4131601.33	0.95947	0.61642	0.9122	2.09E-03	5.62E-07	2.45E-07	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.2E-08	0.0E+00	0.0E+00	6.4E-07
160	UCART1	594642.5	4131601.33	594642.52, 4131601.33	0.97603	0.5964	0.90922	2.12E-03	5.44E-07	2.44E-07	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.5E-08	5.9E-07	3.3E-08	0.0E+00	0.0E+00	6.5E-07
161	UCART1	594677.5	4131601.33	594677.52, 4131601.33	0.97122	0.56888	0.89383	2.11E-03	5.19E-07	2.40E-07	2.11E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.4E-08	5.9E-07	3.3E-08	0.0E+00	0.0E+00	6.5E-07
162	UCART1	594712.5	4131601.33	594712.52, 4131601.33	0.95356	0.53577	0.87073	2.07E-03	4.89E-07	2.34E-07	2.07E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.2E-08	0.0E+00	0.0E+00	6.3E-07
163	UCART1	594747.5	4131601.33	594747.52, 4131601.33	0.92611	0.49898	0.83296	2.01E-03	4.55E-07	2.24E-07	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	3.1E-08	0.0E+00	0.0E+00	6.2E-07
164	UCART1	594782.5	4131601.33	594782.52, 4131601.33	0.87826	0.4594	0.76894	1.91E-03	4.19E-07	2.07E-07	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.9E-08	0.0E+00	0.0E+00	5.8E-07
165	UCART1	594817.5	4131601.33	594817.52, 4131601.33	0.80111	0.41804	0.68197	1.74E-03	3.81E-07	1.83E-07	1.74E-03	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.0E-08	4.9E-07	2.7E-08	0.0E+00	0.0E+00	5.3E-07
166	UCART1	594852.5	4131601.33	594852.52, 4131601.33	0.70269	0.37635	0.58934	1.53E-03	3.43E-07	1.58E-07	1.53E-03	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	1.8E-08	4.3E-07	2.4E-08	0.0E+00	0.0E+00	4.7E-07
167	UCART1	594887.5	4131601.33	594887.52, 4131601.33	0.60339	0.33621	0.50805	1.31E-03	3.07E-07	1.37E-07	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.5E-08	3.7E-07	2.0E-08	0.0E+00	0.0E+00	4.0E-07
168	UCART1	594922.5	4131601.33	594922.52, 4131601.33	0.51971	0.2995	0.44278	1.13E-03	2.73E-07	1.19E-07	1.13E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.3E-08	3.2E-07	1.7E-08	0.0E+00	0.0E+00	3.5E-07
169	UCART1	594957.5	4131601.33	594957.52, 4131601.33	0.45229	0.26723	0.38799	9.83E-04	2.44E-07	1.04E-07	9.83E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.1E-08	2.7E-07	1.5E-08	0.0E+00	0.0E+00	3.0E-07
170	UCART1	594992.5	4131601.33	594992.52, 4131601.33	0.39436	0.23935	0.33942	8.57E-04	2.18E-07	9.13E-08	8.57E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.3E-08	0.0E+00	0.0E+00	2.6E-07
171	UCART1	595027.5	4131601.33	595027.52, 4131601.33	0.34317	0.2152	0.29691	7.46E-04	1.96E-07	7.98E-08	7.46E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	2.1E-07	1.1E-08	0.0E+00	0.0E+00	2.3E-07
172	UCART1	595062.5	4131601.33	595062.52, 4131601.33	0.29908	0.19391	0.26081	6.50E-04	1.77E-07	7.01E-08	6.50E-04	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	1.0E-08	0.0E+00	0.0E+00	2.0E-07
173	UCART1	595097.5	4131601.33	595097.52, 4131601.33	0.26234	0.17512	0.23072	5.70E-04	1.60E-07	6.20E-08	5.70E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	6.6E-09	1.6E-07	8.8E-09	0.0E+00	0.0E+00	1.7E-07
174	UCART1	595132.5	4131601.33	595132.52, 4131601.33	0.23195	0.15867	0.20558	5.04E-04	1.45E-07	5.53E-08	5.04E-04	1.7E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.8E-09	1.4E-07	7.8E-09	0.0E+00	0.0E+00	1.5E-07
175	UCART1	595167.5	4131601.33	595167.52, 4131601.33	0.20649	0.14434	0.18425	4.49E-04	1.32E-07	4.95E-08	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.2E-09	1.3E-07	6.9E-09	0.0E+00	0.0E+00	1.4E-07
176	UCART1	594607.5	4131651.33	594607.52, 4131651.33	0.6865	0.45387	0.6427	1.49E-03	4.14E-07	1.73E-07	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	1.7E-08	4.2E-07	2.3E-08	0.0E+00	0.0E+00	4.6E-07
177	UCART1	594642.5	4131651.33	594642.52, 4131651.33	0.67967	0.43743	0.63123	1.48E-03	3.99E-07	1.70E-07	1.48E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.3E-08	0.0E+00	0.0E+00	4.5E-07
178	UCART1	594677.5	4131651.33	594677.52, 4131651.33	0.66714	0.41728	0.61742	1.45E-03	3.81E-07	1.66E-07	1.45E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.0E-07	2.2E-08	0.0E+00	0.0E+00	4.4E-07
179	UCART1	594712.5	4131651.33	594712.52, 4131651.33	0.65168	0.39409	0.59935	1.42E-03	3.59E-07	1.61E-07	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.6E-08	4.0E-07	2.2E-08	0.0E+00	0.0E+00	4.3E-07
180	UCART1	594747.5	4131651.33	594747.52, 4131651.33	0.63036	0.36873	0.57102	1.37E-03	3.36E-07	1.54E-07	1.37E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.6E-08	3.8E-07	2.1E-08	0.0E+00	0.0E+00	4.2E-07
181	UCART1	594782.5	4131651.33	594782.52, 4131651.33	0.59599	0.34163	0.52858	1.30E-03	3.12E-07	1.42E-07	1.30E-03	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.5E-08	3.6E-07	2.0E-08	0.0E+00	0.0E+00	4.0E-07
182	UCART1	594817.5	4131651.33	594817.52, 4131651.33	0.54673	0.31361	0.47574	1.19E-03	2.86E-07	1.28E-07	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.4E-08	3.3E-07	1.8E-08	0.0E+00	0.0E+00	3.6E-07
183	UCART1	594852.5	4131651.33	594852.52, 4131651.33	0.48813	0.28576	0.42033	1.06E-03	2.61E-07	1.13E-07	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.7E-07	1.2E-08	3.0E-07	1.6E-08	0.0E+00	0.0E+00	3.2E-07
184	UCART1	594887.5	4131651.33	594887.52, 4131651.33	0.429	0.25907	0.37009	9.32E-04	2.36E-07	9.95E-08	9.33E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.4E-08	0.0E+00	0.0E+00	2.9E-07
185	UCART1	594922.5	4131651.33	594922.52, 4131651.33	0.37745	0.2345	0.32893	8.20E-04	2.14E-07	8.84E-08	8.21E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.5E-09	2.3E-07	1.3E-08	0.0E+00	0.0E+00	2.5E-07
186	UCART1	594957.5	4131651.33	594957.52, 4131651.33	0.33566	0.21255	0.29497	7.29E-04	1.94E-07	7.93E-08	7.30E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.1E-08	0.0E+00	0.0E+00	2.2E-07
187	UCART1	594992.5	4131651.33	594992.52, 4131651.33	0.3003	0.19324	0.26474	6.53E-04	1.76E-07	7.12E-08	6.53E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	1.0E-08	0.0E+00	0.0E+00	2.0E-07
188	UCART1	595027.5	4131651.33	595027.52, 4131651.33	0.26835	0.17629	0.23701	5.83E-04	1.61E-07	6.37E-08	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	1.6E-07	9.0E-09	0.0E+00	0.0E+00	1.8E-07
189	UCART1	595062.5	4131651.33	595062.52, 4131651.33	0.23915	0.16114	0.21203	5.20E-04	1.47E-07	5.70E-08	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	6.0E-09	1.5E-07	8.0E-09	0.0E+00	0.0E+00	1.6E-07
190	UCART1	595097.5	4131651.33	595097.52, 4131651.33	0.21336	0.1475	0.19028	4.64E-04	1.35E-07	5.12E-08	4.64E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.4E-09	1.3E-07	7.1E-09	0.0E+00	0.0E+00	1.4E-07
191	UCART1	595132.5	4131651.33	595132.52, 4131651.33	0.1913	0.13526	0.17175	4.16E-04	1.23E-07	4.62E-08	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.4E-09	0.0E+00	0.0E+00	1.3E-07

Worker Risk (Unmitigated)

Discrete Receptor ID		X	Y	X, Y	Construction Total	Worker Dose Construction	Worker Risk Construction
1	UCART1	594677.52	4131151.33	594677.52, 4131151.33	1.09E-03	7.2E-07	3.4E-08
2	UCART1	594712.52	4131151.33	594712.52, 4131151.33	1.32E-03	8.8E-07	4.1E-08
3	UCART1	594747.52	4131151.33	594747.52, 4131151.33	1.60E-03	1.1E-06	5.0E-08
4	UCART1	594782.52	4131151.33	594782.52, 4131151.33	1.90E-03	1.3E-06	5.9E-08
5	UCART1	594817.52	4131151.33	594817.52, 4131151.33	2.20E-03	1.5E-06	6.9E-08
6	UCART1	594852.52	4131151.33	594852.52, 4131151.33	2.59E-03	1.7E-06	8.1E-08
7	UCART1	594887.52	4131151.33	594887.52, 4131151.33	3.21E-03	2.1E-06	1.0E-07
8	UCART1	594922.52	4131151.33	594922.52, 4131151.33	4.15E-03	2.7E-06	1.3E-07
9	UCART1	594957.52	4131151.33	594957.52, 4131151.33	5.14E-03	3.4E-06	1.6E-07
10	UCART1	594992.52	4131151.33	594992.52, 4131151.33	5.79E-03	3.8E-06	1.8E-07
11	UCART1	595027.52	4131151.33	595027.52, 4131151.33	5.89E-03	3.9E-06	1.8E-07
12	UCART1	595062.52	4131151.33	595062.52, 4131151.33	5.54E-03	3.7E-06	1.7E-07
13	UCART1	595097.52	4131151.33	595097.52, 4131151.33	4.94E-03	3.3E-06	1.5E-07
14	UCART1	595132.52	4131151.33	595132.52, 4131151.33	4.23E-03	2.8E-06	1.3E-07
15	UCART1	595167.52	4131151.33	595167.52, 4131151.33	3.55E-03	2.3E-06	1.1E-07
16	UCART1	594677.52	4131201.33	594677.52, 4131201.33	1.58E-03	1.0E-06	4.9E-08
17	UCART1	594712.52	4131201.33	594712.52, 4131201.33	2.05E-03	1.4E-06	6.4E-08
18	UCART1	594747.52	4131201.33	594747.52, 4131201.33	2.68E-03	1.8E-06	8.3E-08
19	UCART1	594782.52	4131201.33	594782.52, 4131201.33	3.47E-03	2.3E-06	1.1E-07
20	UCART1	594817.52	4131201.33	594817.52, 4131201.33	4.34E-03	2.9E-06	1.4E-07
21	UCART1	594852.52	4131201.33	594852.52, 4131201.33	5.58E-03	3.7E-06	1.7E-07
22	UCART1	594887.52	4131201.33	594887.52, 4131201.33	7.85E-03	5.2E-06	2.4E-07
23	UCART1	594922.52	4131201.33	594922.52, 4131201.33	1.04E-02	6.9E-06	3.2E-07
24	UCART1	594957.52	4131201.33	594957.52, 4131201.33	1.15E-02	7.6E-06	3.6E-07
25	UCART1	594992.52	4131201.33	594992.52, 4131201.33	1.08E-02	7.2E-06	3.4E-07
26	UCART1	595027.52	4131201.33	595027.52, 4131201.33	9.25E-03	6.1E-06	2.9E-07
27	UCART1	595062.52	4131201.33	595062.52, 4131201.33	7.45E-03	4.9E-06	2.3E-07
28	UCART1	595097.52	4131201.33	595097.52, 4131201.33	5.84E-03	3.9E-06	1.8E-07
29	UCART1	595132.52	4131201.33	595132.52, 4131201.33	4.52E-03	3.0E-06	1.4E-07
30	UCART1	595167.52	4131201.33	595167.52, 4131201.33	3.50E-03	2.3E-06	1.1E-07
31	UCART1	594537.52	4131251.33	594537.52, 4131251.33	8.11E-04	5.4E-07	2.5E-08
32	UCART1	594572.52	4131251.33	594572.52, 4131251.33	1.01E-03	6.7E-07	3.2E-08
33	UCART1	594607.52	4131251.33	594607.52, 4131251.33	1.30E-03	8.6E-07	4.1E-08
34	UCART1	594642.52	4131251.33	594642.52, 4131251.33	1.72E-03	1.1E-06	5.4E-08
35	UCART1	594677.52	4131251.33	594677.52, 4131251.33	2.35E-03	1.6E-06	7.3E-08
36	UCART1	594712.52	4131251.33	594712.52, 4131251.33	3.35E-03	2.2E-06	1.0E-07
37	UCART1	594747.52	4131251.33	594747.52, 4131251.33	4.99E-03	3.3E-06	1.6E-07
38	UCART1	594782.52	4131251.33	594782.52, 4131251.33	7.74E-03	5.1E-06	2.4E-07
39	UCART1	594817.52	4131251.33	594817.52, 4131251.33	1.17E-02	7.8E-06	3.7E-07
40	UCART1	594852.52	4131251.33	594852.52, 4131251.33	1.91E-02	1.3E-05	6.0E-07
41	UCART1	594887.52	4131251.33	594887.52, 4131251.33	2.89E-02	1.9E-05	9.0E-07
42	UCART1	594922.52	4131251.33	594922.52, 4131251.33	2.84E-02	1.9E-05	8.9E-07
43	UCART1	594957.52	4131251.33	594957.52, 4131251.33	2.22E-02	1.5E-05	6.9E-07
44	UCART1	594992.52	4131251.33	594992.52, 4131251.33	1.58E-02	1.0E-05	4.9E-07
45	UCART1	595027.52	4131251.33	595027.52, 4131251.33	1.09E-02	7.2E-06	3.4E-07
46	UCART1	595062.52	4131251.33	595062.52, 4131251.33	7.54E-03	5.0E-06	2.4E-07
47	UCART1	595097.52	4131251.33	595097.52, 4131251.33	5.31E-03	3.5E-06	1.7E-07
48	UCART1	595132.52	4131251.33	595132.52, 4131251.33	3.83E-03	2.5E-06	1.2E-07
49	UCART1	595167.52	4131251.33	595167.52, 4131251.33	2.83E-03	1.9E-06	8.8E-08

50	UCART1	594537.52	4131301.33	594537.52, 4131301.33	9.95E-04	6.6E-07	3.1E-08
51	UCART1	594572.52	4131301.33	594572.52, 4131301.33	1.28E-03	8.4E-07	4.0E-08
52	UCART1	594607.52	4131301.33	594607.52, 4131301.33	1.70E-03	1.1E-06	5.3E-08
53	UCART1	594642.52	4131301.33	594642.52, 4131301.33	2.36E-03	1.6E-06	7.3E-08
54	UCART1	594677.52	4131301.33	594677.52, 4131301.33	3.45E-03	2.3E-06	1.1E-07
55	UCART1	594712.52	4131301.33	594712.52, 4131301.33	5.47E-03	3.6E-06	1.7E-07
56	UCART1	594747.52	4131301.33	594747.52, 4131301.33	9.85E-03	6.5E-06	3.1E-07
57	UCART1	594782.52	4131301.33	594782.52, 4131301.33	2.21E-02	1.5E-05	6.9E-07
58	UCART1	594852.52	4131301.33	594852.52, 4131301.33	1.53E-01	1.0E-04	4.8E-06
59	UCART1	594887.52	4131301.33	594887.52, 4131301.33	8.80E-02	5.8E-05	2.7E-06
60	UCART1	594922.52	4131301.33	594922.52, 4131301.33	4.63E-02	3.1E-05	1.4E-06
61	UCART1	594957.52	4131301.33	594957.52, 4131301.33	2.44E-02	1.6E-05	7.6E-07
62	UCART1	594992.52	4131301.33	594992.52, 4131301.33	1.36E-02	9.0E-06	4.3E-07
63	UCART1	595027.52	4131301.33	595027.52, 4131301.33	8.24E-03	5.4E-06	2.6E-07
64	UCART1	595062.52	4131301.33	595062.52, 4131301.33	5.32E-03	3.5E-06	1.7E-07
65	UCART1	595097.52	4131301.33	595097.52, 4131301.33	3.64E-03	2.4E-06	1.1E-07
66	UCART1	595132.52	4131301.33	595132.52, 4131301.33	2.61E-03	1.7E-06	8.1E-08
67	UCART1	595167.52	4131301.33	595167.52, 4131301.33	1.94E-03	1.3E-06	6.1E-08
68	UCART1	594537.52	4131351.33	594537.52, 4131351.33	1.27E-03	8.4E-07	4.0E-08
69	UCART1	594572.52	4131351.33	594572.52, 4131351.33	1.68E-03	1.1E-06	5.2E-08
70	UCART1	594607.52	4131351.33	594607.52, 4131351.33	2.32E-03	1.5E-06	7.2E-08
71	UCART1	594642.52	4131351.33	594642.52, 4131351.33	3.40E-03	2.2E-06	1.1E-07
72	UCART1	594677.52	4131351.33	594677.52, 4131351.33	5.38E-03	3.6E-06	1.7E-07
73	UCART1	594712.52	4131351.33	594712.52, 4131351.33	9.53E-03	6.3E-06	3.0E-07
74	UCART1	594747.52	4131351.33	594747.52, 4131351.33	1.99E-02	1.3E-05	6.2E-07
75	UCART1	594782.52	4131351.33	594782.52, 4131351.33	5.27E-02	3.5E-05	1.6E-06
76	UCART1	594887.52	4131351.33	594887.52, 4131351.33	6.85E-02	4.5E-05	2.1E-06
77	UCART1	594922.52	4131351.33	594922.52, 4131351.33	2.46E-02	1.6E-05	7.7E-07
78	UCART1	594957.52	4131351.33	594957.52, 4131351.33	1.19E-02	7.9E-06	3.7E-07
79	UCART1	594992.52	4131351.33	594992.52, 4131351.33	6.83E-03	4.5E-06	2.1E-07
80	UCART1	595027.52	4131351.33	595027.52, 4131351.33	4.37E-03	2.9E-06	1.4E-07
81	UCART1	595062.52	4131351.33	595062.52, 4131351.33	3.01E-03	2.0E-06	9.4E-08
82	UCART1	595097.52	4131351.33	595097.52, 4131351.33	2.18E-03	1.4E-06	6.8E-08
83	UCART1	595132.52	4131351.33	595132.52, 4131351.33	1.65E-03	1.1E-06	5.1E-08
84	UCART1	595167.52	4131351.33	595167.52, 4131351.33	1.29E-03	8.5E-07	4.0E-08
85	UCART1	594537.52	4131401.33	594537.52, 4131401.33	1.72E-03	1.1E-06	5.4E-08
86	UCART1	594572.52	4131401.33	594572.52, 4131401.33	2.35E-03	1.6E-06	7.3E-08
87	UCART1	594607.52	4131401.33	594607.52, 4131401.33	3.35E-03	2.2E-06	1.0E-07
88	UCART1	594642.52	4131401.33	594642.52, 4131401.33	5.02E-03	3.3E-06	1.6E-07
89	UCART1	594677.52	4131401.33	594677.52, 4131401.33	7.91E-03	5.2E-06	2.5E-07
90	UCART1	594712.52	4131401.33	594712.52, 4131401.33	1.31E-02	8.6E-06	4.1E-07
91	UCART1	594747.52	4131401.33	594747.52, 4131401.33	2.21E-02	1.5E-05	6.9E-07
92	UCART1	594782.52	4131401.33	594782.52, 4131401.33	3.57E-02	2.4E-05	1.1E-06
93	UCART1	594817.52	4131401.33	594817.52, 4131401.33	4.51E-02	3.0E-05	1.4E-06
94	UCART1	594852.52	4131401.33	594852.52, 4131401.33	3.19E-02	2.1E-05	9.9E-07
95	UCART1	594887.52	4131401.33	594887.52, 4131401.33	1.59E-02	1.1E-05	5.0E-07
96	UCART1	594922.52	4131401.33	594922.52, 4131401.33	8.78E-03	5.8E-06	2.7E-07
97	UCART1	594957.52	4131401.33	594957.52, 4131401.33	5.42E-03	3.6E-06	1.7E-07
98	UCART1	594992.52	4131401.33	594992.52, 4131401.33	3.63E-03	2.4E-06	1.1E-07
99	UCART1	595027.52	4131401.33	595027.52, 4131401.33	2.58E-03	1.7E-06	8.1E-08
100	UCART1	595062.52	4131401.33	595062.52, 4131401.33	1.92E-03	1.3E-06	6.0E-08
101	UCART1	595097.52	4131401.33	595097.52, 4131401.33	1.47E-03	9.8E-07	4.6E-08
102	UCART1	595132.52	4131401.33	595132.52, 4131401.33	1.16E-03	7.7E-07	3.6E-08
103	UCART1	595167.52	4131401.33	595167.52, 4131401.33	9.43E-04	6.2E-07	2.9E-08
104	UCART1	594537.52	4131451.33	594537.52, 4131451.33	2.23E-03	1.5E-06	6.9E-08
105	UCART1	594572.52	4131451.33	594572.52, 4131451.33	2.99E-03	2.0E-06	9.3E-08
106	UCART1	594607.52	4131451.33	594607.52, 4131451.33	4.08E-03	2.7E-06	1.3E-07
107	UCART1	594642.52	4131451.33	594642.52, 4131451.33	5.60E-03	3.7E-06	1.7E-07

108	UCART1	594677.52	4131451.33	594677.52, 4131451.33	7.58E-03	5.0E-06	2.4E-07
109	UCART1	594712.52	4131451.33	594712.52, 4131451.33	9.85E-03	6.5E-06	3.1E-07
110	UCART1	594747.52	4131451.33	594747.52, 4131451.33	1.18E-02	7.8E-06	3.7E-07
111	UCART1	594782.52	4131451.33	594782.52, 4131451.33	1.26E-02	8.3E-06	3.9E-07
112	UCART1	594817.52	4131451.33	594817.52, 4131451.33	1.17E-02	7.7E-06	3.6E-07
113	UCART1	594852.52	4131451.33	594852.52, 4131451.33	9.07E-03	6.0E-06	2.8E-07
114	UCART1	594887.52	4131451.33	594887.52, 4131451.33	6.37E-03	4.2E-06	2.0E-07
115	UCART1	594922.52	4131451.33	594922.52, 4131451.33	4.50E-03	3.0E-06	1.4E-07
116	UCART1	594957.52	4131451.33	594957.52, 4131451.33	3.25E-03	2.1E-06	1.0E-07
117	UCART1	594992.52	4131451.33	594992.52, 4131451.33	2.40E-03	1.6E-06	7.5E-08
118	UCART1	595027.52	4131451.33	595027.52, 4131451.33	1.83E-03	1.2E-06	5.7E-08
119	UCART1	595062.52	4131451.33	595062.52, 4131451.33	1.43E-03	9.4E-07	4.4E-08
120	UCART1	595097.52	4131451.33	595097.52, 4131451.33	1.14E-03	7.5E-07	3.5E-08
121	UCART1	595132.52	4131451.33	595132.52, 4131451.33	9.23E-04	6.1E-07	2.9E-08
122	UCART1	595167.52	4131451.33	595167.52, 4131451.33	7.63E-04	5.0E-07	2.4E-08
123	UCART1	594572.52	4131501.33	594572.52, 4131501.33	3.06E-03	2.0E-06	9.5E-08
124	UCART1	594607.52	4131501.33	594607.52, 4131501.33	3.77E-03	2.5E-06	1.2E-07
125	UCART1	594642.52	4131501.33	594642.52, 4131501.33	4.53E-03	3.0E-06	1.4E-07
126	UCART1	594677.52	4131501.33	594677.52, 4131501.33	5.20E-03	3.4E-06	1.6E-07
127	UCART1	594712.52	4131501.33	594712.52, 4131501.33	5.63E-03	3.7E-06	1.8E-07
128	UCART1	594747.52	4131501.33	594747.52, 4131501.33	5.75E-03	3.8E-06	1.8E-07
129	UCART1	594782.52	4131501.33	594782.52, 4131501.33	5.58E-03	3.7E-06	1.7E-07
130	UCART1	594817.52	4131501.33	594817.52, 4131501.33	5.06E-03	3.4E-06	1.6E-07
131	UCART1	594852.52	4131501.33	594852.52, 4131501.33	4.18E-03	2.8E-06	1.3E-07
132	UCART1	594887.52	4131501.33	594887.52, 4131501.33	3.28E-03	2.2E-06	1.0E-07
133	UCART1	594922.52	4131501.33	594922.52, 4131501.33	2.59E-03	1.7E-06	8.1E-08
134	UCART1	594957.52	4131501.33	594957.52, 4131501.33	2.06E-03	1.4E-06	6.4E-08
135	UCART1	594992.52	4131501.33	594992.52, 4131501.33	1.64E-03	1.1E-06	5.1E-08
136	UCART1	595027.52	4131501.33	595027.52, 4131501.33	1.33E-03	8.8E-07	4.1E-08
137	UCART1	595062.52	4131501.33	595062.52, 4131501.33	1.09E-03	7.2E-07	3.4E-08
138	UCART1	595097.52	4131501.33	595097.52, 4131501.33	9.03E-04	6.0E-07	2.8E-08
139	UCART1	595132.52	4131501.33	595132.52, 4131501.33	7.57E-04	5.0E-07	2.4E-08
140	UCART1	595167.52	4131501.33	595167.52, 4131501.33	6.42E-04	4.2E-07	2.0E-08
141	UCART1	594572.52	4131551.33	594572.52, 4131551.33	2.60E-03	1.7E-06	8.1E-08
142	UCART1	594607.52	4131551.33	594607.52, 4131551.33	2.91E-03	1.9E-06	9.1E-08
143	UCART1	594642.52	4131551.33	594642.52, 4131551.33	3.14E-03	2.1E-06	9.8E-08
144	UCART1	594677.52	4131551.33	594677.52, 4131551.33	3.26E-03	2.2E-06	1.0E-07
145	UCART1	594712.52	4131551.33	594712.52, 4131551.33	3.27E-03	2.2E-06	1.0E-07
146	UCART1	594747.52	4131551.33	594747.52, 4131551.33	3.21E-03	2.1E-06	1.0E-07
147	UCART1	594782.52	4131551.33	594782.52, 4131551.33	3.06E-03	2.0E-06	9.5E-08
148	UCART1	594817.52	4131551.33	594817.52, 4131551.33	2.78E-03	1.8E-06	8.7E-08
149	UCART1	594852.52	4131551.33	594852.52, 4131551.33	2.38E-03	1.6E-06	7.4E-08
150	UCART1	594887.52	4131551.33	594887.52, 4131551.33	1.98E-03	1.3E-06	6.2E-08
151	UCART1	594922.52	4131551.33	594922.52, 4131551.33	1.65E-03	1.1E-06	5.1E-08
152	UCART1	594957.52	4131551.33	594957.52, 4131551.33	1.39E-03	9.2E-07	4.3E-08
153	UCART1	594992.52	4131551.33	594992.52, 4131551.33	1.16E-03	7.7E-07	3.6E-08
154	UCART1	595027.52	4131551.33	595027.52, 4131551.33	9.80E-04	6.5E-07	3.1E-08
155	UCART1	595062.52	4131551.33	595062.52, 4131551.33	8.33E-04	5.5E-07	2.6E-08
156	UCART1	595097.52	4131551.33	595097.52, 4131551.33	7.15E-04	4.7E-07	2.2E-08
157	UCART1	595132.52	4131551.33	595132.52, 4131551.33	6.19E-04	4.1E-07	1.9E-08
158	UCART1	595167.52	4131551.33	595167.52, 4131551.33	5.39E-04	3.6E-07	1.7E-08
159	UCART1	594607.52	4131601.33	594607.52, 4131601.33	2.09E-03	1.4E-06	6.5E-08
160	UCART1	594642.52	4131601.33	594642.52, 4131601.33	2.12E-03	1.4E-06	6.6E-08
161	UCART1	594677.52	4131601.33	594677.52, 4131601.33	2.11E-03	1.4E-06	6.6E-08
162	UCART1	594712.52	4131601.33	594712.52, 4131601.33	2.07E-03	1.4E-06	6.5E-08
163	UCART1	594747.52	4131601.33	594747.52, 4131601.33	2.01E-03	1.3E-06	6.3E-08
164	UCART1	594782.52	4131601.33	594782.52, 4131601.33	1.91E-03	1.3E-06	6.0E-08
165	UCART1	594817.52	4131601.33	594817.52, 4131601.33	1.74E-03	1.2E-06	5.4E-08

166	UCART1	594852.52	4131601.33	594852.52, 4131601.33	1.53E-03	1.0E-06	4.8E-08
167	UCART1	594887.52	4131601.33	594887.52, 4131601.33	1.31E-03	8.7E-07	4.1E-08
168	UCART1	594922.52	4131601.33	594922.52, 4131601.33	1.13E-03	7.5E-07	3.5E-08
169	UCART1	594957.52	4131601.33	594957.52, 4131601.33	9.83E-04	6.5E-07	3.1E-08
170	UCART1	594992.52	4131601.33	594992.52, 4131601.33	8.57E-04	5.7E-07	2.7E-08
171	UCART1	595027.52	4131601.33	595027.52, 4131601.33	7.46E-04	4.9E-07	2.3E-08
172	UCART1	595062.52	4131601.33	595062.52, 4131601.33	6.50E-04	4.3E-07	2.0E-08
173	UCART1	595097.52	4131601.33	595097.52, 4131601.33	5.70E-04	3.8E-07	1.8E-08
174	UCART1	595132.52	4131601.33	595132.52, 4131601.33	5.04E-04	3.3E-07	1.6E-08
175	UCART1	595167.52	4131601.33	595167.52, 4131601.33	4.49E-04	3.0E-07	1.4E-08
176	UCART1	594607.52	4131651.33	594607.52, 4131651.33	1.49E-03	9.9E-07	4.7E-08
177	UCART1	594642.52	4131651.33	594642.52, 4131651.33	1.48E-03	9.8E-07	4.6E-08
178	UCART1	594677.52	4131651.33	594677.52, 4131651.33	1.45E-03	9.6E-07	4.5E-08
179	UCART1	594712.52	4131651.33	594712.52, 4131651.33	1.42E-03	9.4E-07	4.4E-08
180	UCART1	594747.52	4131651.33	594747.52, 4131651.33	1.37E-03	9.1E-07	4.3E-08
181	UCART1	594782.52	4131651.33	594782.52, 4131651.33	1.30E-03	8.6E-07	4.0E-08
182	UCART1	594817.52	4131651.33	594817.52, 4131651.33	1.19E-03	7.9E-07	3.7E-08
183	UCART1	594852.52	4131651.33	594852.52, 4131651.33	1.06E-03	7.0E-07	3.3E-08
184	UCART1	594887.52	4131651.33	594887.52, 4131651.33	9.33E-04	6.2E-07	2.9E-08
185	UCART1	594922.52	4131651.33	594922.52, 4131651.33	8.21E-04	5.4E-07	2.6E-08
186	UCART1	594957.52	4131651.33	594957.52, 4131651.33	7.30E-04	4.8E-07	2.3E-08
187	UCART1	594992.52	4131651.33	594992.52, 4131651.33	6.53E-04	4.3E-07	2.0E-08
188	UCART1	595027.52	4131651.33	595027.52, 4131651.33	5.83E-04	3.9E-07	1.8E-08
189	UCART1	595062.52	4131651.33	595062.52, 4131651.33	5.20E-04	3.4E-07	1.6E-08
190	UCART1	595097.52	4131651.33	595097.52, 4131651.33	4.64E-04	3.1E-07	1.4E-08
191	UCART1	595132.52	4131651.33	595132.52, 4131651.33	4.16E-04	2.8E-07	1.3E-08

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/18/2024
** File: C:\Lakes\AERMOD View\PATHWest_Cons\PATHWest_Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\PATHWest_Cons\PATHWest_Cons.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL PATHWest_Cons.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC On-Site Construction
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 6
** 594825.121, 4131366.254, 35.85, 3.82, 8.37
** 594826.247, 4131309.105, 36.20, 3.82, 8.37
** 594838.660, 4131309.408, 36.19, 3.82, 8.37
** 594837.146, 4131366.477, 35.87, 3.82, 8.37
```

```
** 594847.742, 4131366.477, 35.81, 3.82, 8.37
** 594848.499, 4131347.252, 35.95, 3.82, 8.37
** ----------------------------------------------------------------------
   LOCATION L0000474     VOLUME   594825.299 4131357.256 35.82
   LOCATION L0000475     VOLUME   594825.653 4131339.259 35.96
   LOCATION L0000476     VOLUME   594826.007 4131321.263 36.08
   LOCATION L0000477     VOLUME   594832.085 4131309.247 36.17
   LOCATION L0000478     VOLUME   594838.357 4131320.827 36.16
   LOCATION L0000479     VOLUME   594837.879 4131338.821 36.06
   LOCATION L0000480     VOLUME   594837.402 4131356.815 35.93
   LOCATION L0000481     VOLUME   594845.480 4131366.477 35.82
   LOCATION L0000482     VOLUME   594848.361 4131350.750 35.97
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Offsite (San Carlos)
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 2
** 594620.271, 4131282.240, 36.57, 3.82, 8.37
** 594904.263, 4131284.887, 36.10, 3.82, 8.37
** ----------------------------------------------------------------------
   LOCATION L0000483     VOLUME   594629.271 4131282.323 36.60
   LOCATION L0000484     VOLUME   594647.270 4131282.491 36.58
   LOCATION L0000485     VOLUME   594665.269 4131282.659 36.54
   LOCATION L0000486     VOLUME   594683.268 4131282.827 36.39
   LOCATION L0000487     VOLUME   594701.267 4131282.995 36.35
   LOCATION L0000488     VOLUME   594719.267 4131283.163 36.41
   LOCATION L0000489     VOLUME   594737.266 4131283.330 36.49
   LOCATION L0000490     VOLUME   594755.265 4131283.498 36.47
   LOCATION L0000491     VOLUME   594773.264 4131283.666 36.41
   LOCATION L0000492     VOLUME   594791.264 4131283.834 36.33
   LOCATION L0000493     VOLUME   594809.263 4131284.002 36.27
   LOCATION L0000494     VOLUME   594827.262 4131284.170 36.25
   LOCATION L0000495     VOLUME   594845.261 4131284.337 36.23
   LOCATION L0000496     VOLUME   594863.260 4131284.505 36.21
   LOCATION L0000497     VOLUME   594881.260 4131284.673 36.16
   LOCATION L0000498     VOLUME   594899.259 4131284.841 36.12
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Offsite (Cleveland)
** PREFIX
** Length of Side = 18.00
```

```
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 2
** 594812.071, 4131284.504, 36.24, 3.82, 8.37
** 594809.652, 4131368.131, 35.64, 3.82, 8.37
** ------------------------------------------------------------------
   LOCATION L0000464     VOLUME   594811.810 4131293.500 36.23
   LOCATION L0000465     VOLUME   594811.290 4131311.493 36.09
   LOCATION L0000466     VOLUME   594810.770 4131329.485 35.95
   LOCATION L0000467     VOLUME   594810.249 4131347.478 35.80
   LOCATION L0000468     VOLUME   594809.729 4131365.470 35.66
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000474     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000475     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000476     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000477     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000478     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000479     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000480     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000481     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000482     0.1111111111      3.82      8.37      3.56
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000483        0.0625      3.82      8.37      3.56
   SRCPARAM L0000484        0.0625      3.82      8.37      3.56
   SRCPARAM L0000485        0.0625      3.82      8.37      3.56
   SRCPARAM L0000486        0.0625      3.82      8.37      3.56
   SRCPARAM L0000487        0.0625      3.82      8.37      3.56
   SRCPARAM L0000488        0.0625      3.82      8.37      3.56
   SRCPARAM L0000489        0.0625      3.82      8.37      3.56
   SRCPARAM L0000490        0.0625      3.82      8.37      3.56
   SRCPARAM L0000491        0.0625      3.82      8.37      3.56
   SRCPARAM L0000492        0.0625      3.82      8.37      3.56
   SRCPARAM L0000493        0.0625      3.82      8.37      3.56
   SRCPARAM L0000494        0.0625      3.82      8.37      3.56
   SRCPARAM L0000495        0.0625      3.82      8.37      3.56
   SRCPARAM L0000496        0.0625      3.82      8.37      3.56
   SRCPARAM L0000497        0.0625      3.82      8.37      3.56
   SRCPARAM L0000498        0.0625      3.82      8.37      3.56
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000464           0.2      3.82      8.37      3.56
   SRCPARAM L0000465           0.2      3.82      8.37      3.56
   SRCPARAM L0000466           0.2      3.82      8.37      3.56
   SRCPARAM L0000467           0.2      3.82      8.37      3.56
   SRCPARAM L0000468           0.2      3.82      8.37      3.56
```

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** ----------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000478     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000479     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000480     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000481     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000482     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000483     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000484     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000485     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000486     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000487     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000488     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000489     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000490     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000491     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000491     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000492     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000493     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000494     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000494     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000496     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000496     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000497     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000498     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000464     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000465     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000466     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000467     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000468     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP OnSite   L0000474 L0000475 L0000476 L0000477 L0000478 L0000479
   SRCGROUP OnSite   L0000480 L0000481 L0000482
   SRCGROUP Offsite1 L0000483 L0000484 L0000485 L0000486 L0000487 L0000488
   SRCGROUP Offsite1 L0000489 L0000490 L0000491 L0000492 L0000493 L0000494
   SRCGROUP Offsite1 L0000495 L0000496 L0000497 L0000498
   SRCGROUP Offsite2 L0000464 L0000465 L0000466 L0000467 L0000468
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED PATHWest_Cons.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE PATHWest_Cons.SFC
   PROFFILE PATHWest_Cons.PFL
```

```
   SURFDATA 23293 2013 San_Jose_INTL_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST PATHWest_Cons.AD\01H1GALL.PLT 31
   PLOTFILE 1 OnSite 1ST PATHWest_Cons.AD\01H1G001.PLT 32
   PLOTFILE 1 Offsite1 1ST PATHWest_Cons.AD\01H1G002.PLT 33
   PLOTFILE 1 Offsite2 1ST PATHWest_Cons.AD\01H1G003.PLT 34
   PLOTFILE PERIOD ALL PATHWest_Cons.AD\PE00GALL.PLT 35
   PLOTFILE PERIOD OnSite PATHWest_Cons.AD\PE00G001.PLT 36
   PLOTFILE PERIOD Offsite1 PATHWest_Cons.AD\PE00G002.PLT 37
   PLOTFILE PERIOD Offsite2 PATHWest_Cons.AD\PE00G003.PLT 38
   SUMMFILE PATHWest_Cons.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/18/2024
** File: C:\Lakes\AERMOD View\PATHWest_Cons\PATHWest_Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\PATHWest_Cons\PATHWest_Cons.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 983489 San_Jose
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL PATHWest_Cons.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC On-Site Construction
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 6
** 594825.121, 4131366.254, 35.85, 3.82, 8.37
** 594826.247, 4131309.105, 36.20, 3.82, 8.37
** 594838.660, 4131309.408, 36.19, 3.82, 8.37
** 594837.146, 4131366.477, 35.87, 3.82, 8.37
```

```
** 594847.742, 4131366.477, 35.81, 3.82, 8.37
** 594848.499, 4131347.252, 35.95, 3.82, 8.37
** ----------------------------------------------------------------------
   LOCATION L0000474     VOLUME   594825.299 4131357.256 35.82
   LOCATION L0000475     VOLUME   594825.653 4131339.259 35.96
   LOCATION L0000476     VOLUME   594826.007 4131321.263 36.08
   LOCATION L0000477     VOLUME   594832.085 4131309.247 36.17
   LOCATION L0000478     VOLUME   594838.357 4131320.827 36.16
   LOCATION L0000479     VOLUME   594837.879 4131338.821 36.06
   LOCATION L0000480     VOLUME   594837.402 4131356.815 35.93
   LOCATION L0000481     VOLUME   594845.480 4131366.477 35.82
   LOCATION L0000482     VOLUME   594848.361 4131350.750 35.97
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Offsite (San Carlos)
** PREFIX
** Length of Side = 18.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 2
** 594620.271, 4131282.240, 36.57, 3.82, 8.37
** 594904.263, 4131284.887, 36.10, 3.82, 8.37
** ----------------------------------------------------------------------
   LOCATION L0000483     VOLUME   594629.271 4131282.323 36.60
   LOCATION L0000484     VOLUME   594647.270 4131282.491 36.58
   LOCATION L0000485     VOLUME   594665.269 4131282.659 36.54
   LOCATION L0000486     VOLUME   594683.268 4131282.827 36.39
   LOCATION L0000487     VOLUME   594701.267 4131282.995 36.35
   LOCATION L0000488     VOLUME   594719.267 4131283.163 36.41
   LOCATION L0000489     VOLUME   594737.266 4131283.330 36.49
   LOCATION L0000490     VOLUME   594755.265 4131283.498 36.47
   LOCATION L0000491     VOLUME   594773.264 4131283.666 36.41
   LOCATION L0000492     VOLUME   594791.264 4131283.834 36.33
   LOCATION L0000493     VOLUME   594809.263 4131284.002 36.27
   LOCATION L0000494     VOLUME   594827.262 4131284.170 36.25
   LOCATION L0000495     VOLUME   594845.261 4131284.337 36.23
   LOCATION L0000496     VOLUME   594863.260 4131284.505 36.21
   LOCATION L0000497     VOLUME   594881.260 4131284.673 36.16
   LOCATION L0000498     VOLUME   594899.259 4131284.841 36.12
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Offsite (Cleveland)
** PREFIX
** Length of Side = 18.00
```

```
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.65
** SZINIT = 3.56
** Nodes = 2
** 594812.071, 4131284.504, 36.24, 3.82, 8.37
** 594809.652, 4131368.131, 35.64, 3.82, 8.37
** ------------------------------------------------------------------
   LOCATION L0000464     VOLUME   594811.810 4131293.500 36.23
   LOCATION L0000465     VOLUME   594811.290 4131311.493 36.09
   LOCATION L0000466     VOLUME   594810.770 4131329.485 35.95
   LOCATION L0000467     VOLUME   594810.249 4131347.478 35.80
   LOCATION L0000468     VOLUME   594809.729 4131365.470 35.66
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000474     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000475     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000476     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000477     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000478     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000479     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000480     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000481     0.1111111111      3.82      8.37      3.56
   SRCPARAM L0000482     0.1111111111      3.82      8.37      3.56
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000483        0.0625      3.82      8.37      3.56
   SRCPARAM L0000484        0.0625      3.82      8.37      3.56
   SRCPARAM L0000485        0.0625      3.82      8.37      3.56
   SRCPARAM L0000486        0.0625      3.82      8.37      3.56
   SRCPARAM L0000487        0.0625      3.82      8.37      3.56
   SRCPARAM L0000488        0.0625      3.82      8.37      3.56
   SRCPARAM L0000489        0.0625      3.82      8.37      3.56
   SRCPARAM L0000490        0.0625      3.82      8.37      3.56
   SRCPARAM L0000491        0.0625      3.82      8.37      3.56
   SRCPARAM L0000492        0.0625      3.82      8.37      3.56
   SRCPARAM L0000493        0.0625      3.82      8.37      3.56
   SRCPARAM L0000494        0.0625      3.82      8.37      3.56
   SRCPARAM L0000495        0.0625      3.82      8.37      3.56
   SRCPARAM L0000496        0.0625      3.82      8.37      3.56
   SRCPARAM L0000497        0.0625      3.82      8.37      3.56
   SRCPARAM L0000498        0.0625      3.82      8.37      3.56
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000464           0.2      3.82      8.37      3.56
   SRCPARAM L0000465           0.2      3.82      8.37      3.56
   SRCPARAM L0000466           0.2      3.82      8.37      3.56
   SRCPARAM L0000467           0.2      3.82      8.37      3.56
   SRCPARAM L0000468           0.2      3.82      8.37      3.56
```

```
** ----------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000478     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000479     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000480     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000481     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000482     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000483     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000484     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000485     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000485     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000486     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000487     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000488     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000489     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000490     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000491     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000491     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000492     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000493     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000494     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000494     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000496     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000497     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000498     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000464     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000465     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000466     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000467     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000468     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP OnSite   L0000474 L0000475 L0000476 L0000477 L0000478 L0000479
   SRCGROUP OnSite   L0000480 L0000481 L0000482
   SRCGROUP Offsite1 L0000483 L0000484 L0000485 L0000486 L0000487 L0000488
   SRCGROUP Offsite1 L0000489 L0000490 L0000491 L0000492 L0000493 L0000494
   SRCGROUP Offsite1 L0000495 L0000496 L0000497 L0000498
   SRCGROUP Offsite2 L0000464 L0000465 L0000466 L0000467 L0000468
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED PATHWest_Cons.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE PATHWest_Cons.SFC
   PROFFILE PATHWest_Cons.PFL
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   SURFDATA 23293 2013 San_Jose_INTL_Airport
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST PATHWest_Cons.AD\01H1GALL.PLT 31
   PLOTFILE 1 OnSite 1ST PATHWest_Cons.AD\01H1G001.PLT 32
   PLOTFILE 1 Offsite1 1ST PATHWest_Cons.AD\01H1G002.PLT 33
   PLOTFILE 1 Offsite2 1ST PATHWest_Cons.AD\01H1G003.PLT 34
   PLOTFILE PERIOD ALL PATHWest_Cons.AD\PE00GALL.PLT 35
   PLOTFILE PERIOD OnSite PATHWest_Cons.AD\PE00G001.PLT 36
   PLOTFILE PERIOD Offsite1 PATHWest_Cons.AD\PE00G002.PLT 37
   PLOTFILE PERIOD Offsite2 PATHWest_Cons.AD\PE00G003.PLT 38
   SUMMFILE PATHWest_Cons.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     554       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     554       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
```

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View\PATHWest_Cons\PATHWest_Cons.isc                 ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                        ***       16:11:41

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    30 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    983489.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     30 Source(s);       4 Source Group(s); and     191
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     30 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)
```

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 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    15.50 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   PATHWest_Cons.err

 **File for Summary of Results:   PATHWest_Cons.sum

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
```

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ	SOURCE VARY BY
L0000474	0	0.11111E+00	594825.3	4131357.3	35.8	3.82	8.37	3.56	YES HRDOW
L0000475	0	0.11111E+00	594825.7	4131339.3	36.0	3.82	8.37	3.56	YES HRDOW
L0000476	0	0.11111E+00	594826.0	4131321.3	36.1	3.82	8.37	3.56	YES HRDOW
L0000477	0	0.11111E+00	594832.1	4131309.2	36.2	3.82	8.37	3.56	YES HRDOW
L0000478	0	0.11111E+00	594838.4	4131320.8	36.2	3.82	8.37	3.56	YES HRDOW
L0000479	0	0.11111E+00	594837.9	4131338.8	36.1	3.82	8.37	3.56	YES HRDOW
L0000480	0	0.11111E+00	594837.4	4131356.8	35.9	3.82	8.37	3.56	YES HRDOW
L0000481	0	0.11111E+00	594845.5	4131366.5	35.8	3.82	8.37	3.56	YES HRDOW
L0000482	0	0.11111E+00	594848.4	4131350.8	36.0	3.82	8.37	3.56	YES HRDOW
L0000483	0	0.62500E-01	594629.3	4131282.3	36.6	3.82	8.37	3.56	YES HRDOW
L0000484	0	0.62500E-01	594647.3	4131282.5	36.6	3.82	8.37	3.56	YES HRDOW
L0000485	0	0.62500E-01	594665.3	4131282.7	36.5	3.82	8.37	3.56	YES HRDOW
L0000486	0	0.62500E-01	594683.3	4131282.8	36.4	3.82	8.37	3.56	YES HRDOW
L0000487	0	0.62500E-01	594701.3	4131283.0	36.3	3.82	8.37	3.56	YES HRDOW
L0000488	0	0.62500E-01	594719.3	4131283.2	36.4	3.82	8.37	3.56	YES HRDOW
L0000489	0	0.62500E-01	594737.3	4131283.3	36.5	3.82	8.37	3.56	YES HRDOW
L0000490	0	0.62500E-01	594755.3	4131283.5	36.5	3.82	8.37	3.56	YES HRDOW
L0000491	0	0.62500E-01	594773.3	4131283.7	36.4	3.82	8.37	3.56	YES HRDOW
L0000492	0	0.62500E-01	594791.3	4131283.8	36.3	3.82	8.37	3.56	YES HRDOW
L0000493	0	0.62500E-01	594809.3	4131284.0	36.3	3.82	8.37	3.56	YES HRDOW
L0000494	0	0.62500E-01	594827.3	4131284.2	36.2	3.82	8.37	3.56	YES HRDOW
L0000495	0	0.62500E-01	594845.3	4131284.3	36.2	3.82	8.37		

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3.56     YES   HRDOW
 L0000496         0   0.62500E-01  594863.3 4131284.5    36.2     3.82     8.37
3.56     YES   HRDOW
 L0000497         0   0.62500E-01  594881.3 4131284.7    36.2     3.82     8.37
3.56     YES   HRDOW
 L0000498         0   0.62500E-01  594899.3 4131284.8    36.1     3.82     8.37
3.56     YES   HRDOW
 L0000464         0   0.20000E+00  594811.8 4131293.5    36.2     3.82     8.37
3.56     YES   HRDOW
 L0000465         0   0.20000E+00  594811.3 4131311.5    36.1     3.82     8.37
3.56     YES   HRDOW
 L0000466         0   0.20000E+00  594810.8 4131329.5    35.9     3.82     8.37
3.56     YES   HRDOW
 L0000467         0   0.20000E+00  594810.2 4131347.5    35.8     3.82     8.37
3.56     YES   HRDOW
 L0000468         0   0.20000E+00  594809.7 4131365.5    35.7     3.82     8.37
3.56     YES   HRDOW
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                              SOURCE IDs
 -----------                                              ----------


  ONSITE     L0000474    , L0000475    , L0000476    , L0000477    , L0000478    ,
L0000479    , L0000480    , L0000481    ,

             L0000482    ,

  OFFSITE1   L0000483    , L0000484    , L0000485    , L0000486    , L0000487    ,
L0000488    , L0000489    , L0000490    ,

             L0000491    , L0000492    , L0000493    , L0000494    , L0000495    ,
L0000496    , L0000497    , L0000498    ,

  OFFSITE2   L0000464    , L0000465    , L0000466    , L0000467    , L0000468    ,

  ALL        L0000474    , L0000475    , L0000476    , L0000477    , L0000478    ,
L0000479    , L0000480    , L0000481    ,

             L0000482    , L0000483    , L0000484    , L0000485    , L0000486    ,
```

L0000487   , L0000488   , L0000489   ,

             L0000490   , L0000491   , L0000492   , L0000493   , L0000494   ,
L0000495   , L0000496   , L0000497   ,

             L0000498   , L0000464   , L0000465   , L0000466   , L0000467   ,
L0000468   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                       *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

               983489.   L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   , L0000479   , L0000480   ,
 L0000481   ,

             L0000482   , L0000483   , L0000484   , L0000485   , L0000486   ,
L0000487   , L0000488   , L0000489   ,

             L0000490   , L0000491   , L0000492   , L0000493   , L0000494   ,
L0000495   , L0000496   , L0000497   ,

             L0000498   , L0000464   , L0000465   , L0000466   , L0000467   ,
L0000468   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000474   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                  ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000475     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000476   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000477   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000478   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000479     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000480   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000481 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000482 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                  ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                   PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000483     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000484   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000485     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                   PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000486     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                   PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000487     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000488   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

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 SOURCE ID = L0000489     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                  ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000490     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000491   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000492   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000493   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000494     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000495   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000496 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000497 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000498     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

DAY OF WEEK = SUNDAY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000464 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000465 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000466 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000467   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = L0000468     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(594677.5, 4131151.3, 37.0, 37.0, 0.0); (594712.5, 4131151.3, 36.9, 36.9, 0.0);
(594747.5, 4131151.3, 36.8, 36.8, 0.0); (594782.5, 4131151.3, 36.7, 36.7, 0.0);
(594817.5, 4131151.3, 36.8, 36.8, 0.0); (594852.5, 4131151.3, 36.7, 36.7, 0.0);
(594887.5, 4131151.3, 36.8, 36.8, 0.0); (594922.5, 4131151.3, 36.6, 36.6, 0.0);
(594957.5, 4131151.3, 36.6, 36.6, 0.0); (594992.5, 4131151.3, 36.6, 36.6, 0.0);
(595027.5, 4131151.3, 36.6, 36.6, 0.0); (595062.5, 4131151.3, 36.8, 36.8, 0.0);
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(594782.5, 4131201.3, 36.5, 36.5, 0.0); (594817.5, 4131201.3, 36.6, 36.6, 0.0);
(594852.5, 4131201.3, 36.5, 36.5, 0.0); (594887.5, 4131201.3, 36.5, 36.5, 0.0);
(594922.5, 4131201.3, 36.4, 36.4, 0.0); (594957.5, 4131201.3, 36.4, 36.4, 0.0);
(594992.5, 4131201.3, 36.3, 36.3, 0.0); (595027.5, 4131201.3, 36.3, 36.3, 0.0);
(595062.5, 4131201.3, 36.3, 36.3, 0.0); (595097.5, 4131201.3, 36.3, 36.3, 0.0);
(595132.5, 4131201.3, 36.4, 36.4, 0.0); (595167.5, 4131201.3, 36.4, 36.4, 0.0);
(594537.5, 4131251.3, 37.0, 37.0, 0.0); (594572.5, 4131251.3, 36.7, 36.7, 0.0);
(594607.5, 4131251.3, 36.6, 36.6, 0.0); (594642.5, 4131251.3, 36.6, 36.6, 0.0);
(594677.5, 4131251.3, 36.6, 36.6, 0.0); (594712.5, 4131251.3, 36.5, 36.5, 0.0);
(594747.5, 4131251.3, 36.5, 36.5, 0.0); (594782.5, 4131251.3, 36.4, 36.4, 0.0);
(594817.5, 4131251.3, 36.4, 36.4, 0.0); (594852.5, 4131251.3, 36.3, 36.3, 0.0);
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(594957.5, 4131251.3, 36.2, 36.2, 0.0); (594992.5,

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     ( 595167.5, 4131251.3,      35.9,      35.9,       0.0);         ( 594537.5,
4131301.3,      36.8,      36.8,       0.0);
     ( 594572.5, 4131301.3,      36.7,      36.7,       0.0);         ( 594607.5,
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     ( 594642.5, 4131301.3,      36.4,      36.4,       0.0);         ( 594677.5,
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     ( 594957.5, 4131301.3,      36.1,      36.1,       0.0);         ( 594992.5,
4131301.3,      36.0,      36.0,       0.0);
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     ( 595097.5, 4131301.3,      35.6,      35.6,       0.0);         ( 595132.5,
4131301.3,      35.7,      35.7,       0.0);
     ( 595167.5, 4131301.3,      35.7,      35.7,       0.0);         ( 594537.5,
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     ( 594642.5, 4131351.3,      35.9,      35.9,       0.0);         ( 594677.5,
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4131351.3,      35.7,      35.7,       0.0);
     ( 594922.5, 4131351.3,      35.6,      35.6,       0.0);         ( 594957.5,
4131351.3,      35.7,      35.7,       0.0);
     ( 594992.5, 4131351.3,      35.6,      35.6,       0.0);         ( 595027.5,
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     ( 595062.5, 4131351.3,      35.4,      35.4,       0.0);         ( 595097.5,
4131351.3,      35.5,      35.5,       0.0);
     ( 595132.5, 4131351.3,      35.6,      35.6,       0.0);         ( 595167.5,
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     ( 594537.5, 4131401.3,      35.7,      35.7,       0.0);         ( 594572.5,
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     ( 594607.5, 4131401.3,      35.6,      35.6,       0.0);         ( 594642.5,
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 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(594747.5, 4131401.3, 35.5, 35.5, 0.0); (594782.5, 4131401.3, 35.5, 35.5, 0.0);
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(594957.5, 4131401.3, 35.4, 35.4, 0.0); (594992.5, 4131401.3, 35.2, 35.2, 0.0);
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(595167.5, 4131401.3, 35.4, 35.4, 0.0); (594537.5, 4131451.3, 35.2, 35.2, 0.0);
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(594782.5, 4131451.3, 35.2, 35.2, 0.0); (594817.5, 4131451.3, 35.0, 35.0, 0.0);
(594852.5, 4131451.3, 35.2, 35.2, 0.0); (594887.5, 4131451.3, 35.2, 35.2, 0.0);
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(594782.5, 4131501.3, 34.9, 34.9, 0.0); (594817.5, 4131501.3, 34.8, 34.8, 0.0);
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     ( 594992.5, 4131501.3,      34.8,      34.8,       0.0);         ( 595027.5,
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     ( 595062.5, 4131501.3,      34.8,      34.8,       0.0);         ( 595097.5,
4131501.3,      34.9,      34.9,       0.0);
     ( 595132.5, 4131501.3,      34.8,      34.8,       0.0);         ( 595167.5,
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     ( 594852.5, 4131551.3,      34.5,      34.5,       0.0);         ( 594887.5,
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     ( 594922.5, 4131551.3,      34.5,      34.5,       0.0);         ( 594957.5,
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     ( 594992.5, 4131551.3,      34.6,      34.6,       0.0);         ( 595027.5,
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     ( 595062.5, 4131551.3,      34.6,      34.6,       0.0);         ( 595097.5,
4131551.3,      34.6,      34.6,       0.0);
     ( 595132.5, 4131551.3,      34.5,      34.5,       0.0);         ( 595167.5,
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     ( 594607.5, 4131601.3,      34.4,      34.4,       0.0);         ( 594642.5,
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     ( 594677.5, 4131601.3,      34.2,      34.2,       0.0);         ( 594712.5,
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     ( 594747.5, 4131601.3,      34.3,      34.3,       0.0);         ( 594782.5,
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     ( 594817.5, 4131601.3,      34.1,      34.1,       0.0);         ( 594852.5,
4131601.3,      34.1,      34.1,       0.0);
     ( 594887.5, 4131601.3,      34.0,      34.0,       0.0);         ( 594922.5,
4131601.3,      34.1,      34.1,       0.0);
     ( 594957.5, 4131601.3,      34.2,      34.2,       0.0);         ( 594992.5,
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4131601.3,      34.4,      34.4,       0.0);
     ( 595097.5, 4131601.3,      34.4,      34.4,       0.0);         ( 595132.5,
4131601.3,      34.5,      34.5,       0.0);
     ( 595167.5, 4131601.3,      34.5,      34.5,       0.0);         ( 594607.5,
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     ( 594642.5, 4131651.3,      34.0,      34.0,       0.0);         ( 594677.5,
4131651.3,      33.8,      33.8,       0.0);
     ( 594712.5, 4131651.3,      33.7,      33.7,       0.0);         ( 594747.5,
4131651.3,      33.8,      33.8,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(594782.5, 4131651.3, 33.7, 33.7, 0.0); (594817.5, 4131651.3, 33.6, 33.6, 0.0);
(594852.5, 4131651.3, 33.6, 33.6, 0.0); (594887.5, 4131651.3, 33.5, 33.5, 0.0);
(594922.5, 4131651.3, 33.6, 33.6, 0.0); (594957.5, 4131651.3, 33.8, 33.8, 0.0);
(594992.5, 4131651.3, 33.8, 33.8, 0.0); (595027.5, 4131651.3, 34.0, 34.0, 0.0);
(595062.5, 4131651.3, 34.0, 34.0, 0.0); (595097.5, 4131651.3, 34.1, 34.1, 0.0);
(595132.5, 4131651.3, 34.1, 34.1, 0.0);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000495	594852.5	4131301.3	0.48
L0000497	594887.5	4131301.3	-0.20

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23,
10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PATHWest_Cons.SFC
Met Version: 18081

Profile file: PATHWest_Cons.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23293 Upper air station no.: 23230
Name: SAN_JOSE_INTL_AIRPORT Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-17.4	0.169	-9.000	-9.000	-999.	167.	31.4	0.02	2.57	1.00	2.62	136.	7.9	277.0	2.0
13	01	01	1	02	-12.5	0.137	-9.000	-9.000	-999.	122.	20.8	0.02	2.57	1.00	2.16	129.	7.9	277.0	2.0
13	01	01	1	03	-4.1	0.080	-9.000	-9.000	-999.	55.	11.3	0.05	2.57	1.00	1.14	227.	7.9	276.4	2.0
13	01	01	1	04	-6.8	0.103	-9.000	-9.000	-999.	80.	14.8	0.05	2.57	1.00	1.43	102.	7.9	276.4	2.0
13	01	01	1	05	-10.0	0.126	-9.000	-9.000	-999.	108.	18.3	0.05	2.57	1.00	1.72	79.	7.9	277.0	2.0
13	01	01	1	06	-6.3	0.096	-9.000	-9.000	-999.	71.	12.8	0.02	2.57	1.00	1.55	153.	7.9	277.5	2.0
13	01	01	1	07	-2.4	0.062	-9.000	-9.000	-999.	37.	9.0	0.02	2.57	1.00	0.92	171.	7.9	277.5	2.0
13	01	01	1	08	-7.0	0.105	-9.000	-9.000	-999.	82.	15.0	0.05	2.57	0.74	1.45	6.	7.9	277.5	2.0
13	01	01	1	09	-0.3	0.039	-9.000	-9.000	-999.	21.	19.3	0.02	2.57	0.39	0.62	119.	7.9	279.2	2.0
13	01	01	1	10	65.7	0.147	0.659	0.005	159.	135.	-4.4	0.05	2.57	0.27	1.37	228.	7.9	280.9	2.0
13	01	01	1	11	118.0	0.197	1.211	0.006	550.	209.	-5.9	0.05	2.57	0.23	1.91	208.	7.9	281.4	2.0
13	01	01	1	12	147.9	0.180	1.536	0.008	894.	184.	-3.6	0.05	2.57	0.21	1.64	225.	7.9	283.1	2.0
13	01	01	1	13	152.7	0.150	1.579	0.007	941.	139.	-2.0	0.02	2.57	0.21	1.54	302.	7.9	283.8	2.0
13	01	01	1	14	132.9	0.201	1.528	0.006	980.	216.	-5.6	0.05	2.57	0.22	1.94	277.	7.9	284.9	2.0
13	01	01	1	15	89.1	0.138	1.349	0.005	1005.	124.	-2.7	0.02	2.57	0.25	1.48	308.	7.9	285.4	2.0
13	01	01	1	16	25.1	0.174	0.887	0.005	1012.	174.	-19.0	0.05	2.57	0.33	1.86	10.	7.9	285.4	2.0
13	01	01	1	17	-18.7	0.221	-9.000	-9.000	-999.	249.	53.5	0.05	2.57	0.57	2.89	12.	7.9	283.8	2.0

```
 13 01 01   1 18  -15.5  0.159 -9.000 -9.000 -999.  153.     27.9  0.05   2.57
1.00    2.13  353.    7.9  282.5    2.0
 13 01 01   1 19  -18.6  0.183 -9.000 -9.000 -999.  188.     36.9  0.05   2.57
1.00    2.50  225.    7.9  280.9    2.0
 13 01 01   1 20   -4.1  0.078 -9.000 -9.000 -999.   59.     10.5  0.02   2.57
1.00    1.26  136.    7.9  280.4    2.0
 13 01 01   1 21  -11.8  0.133 -9.000 -9.000 -999.  117.     19.6  0.02   2.57
1.00    2.10  125.    7.9  278.8    2.0
 13 01 01   1 22   -7.6  0.106 -9.000 -9.000 -999.   83.     14.3  0.02   2.57
1.00    1.70  110.    7.9  277.5    2.0
 13 01 01   1 23   -6.2  0.095 -9.000 -9.000 -999.   71.     12.7  0.02   2.57
1.00    1.54  146.    7.9  277.0    2.0
 13 01 01   1 24  -15.2  0.152 -9.000 -9.000 -999.  142.     25.4  0.02   2.57
1.00    2.37  130.    7.9  277.0    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01    7.9 1  136.    2.62   277.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                L0000479    , L0000480    , L0000481    , L0000482    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         594677.52    4131151.33        0.50037                      594712.52
4131151.33        0.60781
         594747.52    4131151.33        0.73322                      594782.52
4131151.33        0.87238
         594817.52    4131151.33        1.01217                      594852.52
```

4131151.33 1.19134
594887.52 4131151.33 1.47329 594922.52
4131151.33 1.90745
594957.52 4131151.33 2.36306 594992.52
4131151.33 2.66170
595027.52 4131151.33 2.71063 595062.52
4131151.33 2.55003
595097.52 4131151.33 2.27128 595132.52
4131151.33 1.94625
595167.52 4131151.33 1.63097 594677.52
4131201.33 0.72567
594712.52 4131201.33 0.94221 594747.52
4131201.33 1.22816
594782.52 4131201.33 1.59464 594817.52
4131201.33 1.99404
594852.52 4131201.33 2.56348 594887.52
4131201.33 3.60983
594922.52 4131201.33 4.78415 594957.52
4131201.33 5.27976
594992.52 4131201.33 4.98262 595027.52
4131201.33 4.25258
595062.52 4131201.33 3.42800 595097.52
4131201.33 2.68496
595132.52 4131201.33 2.07965 595167.52
4131201.33 1.61075
594537.52 4131251.33 0.37255 594572.52
4131251.33 0.46599
594607.52 4131251.33 0.59589 594642.52
4131251.33 0.78464
594677.52 4131251.33 1.07262 594712.52
4131251.33 1.53087
594747.52 4131251.33 2.28713 594782.52
4131251.33 3.55018
594817.52 4131251.33 5.38292 594852.52
4131251.33 8.78448
594887.52 4131251.33 13.29077 594922.52
4131251.33 13.07276
594957.52 4131251.33 10.20700 594992.52
4131251.33 7.25592
595027.52 4131251.33 5.00952 595062.52
4131251.33 3.46763
595097.52 4131251.33 2.44268 595132.52
4131251.33 1.76142
595167.52 4131251.33 1.30246 594537.52
4131301.33 0.45678
594572.52 4131301.33 0.58543 594607.52
4131301.33 0.77623
594642.52 4131301.33 1.07404 594677.52
4131301.33 1.57506
594712.52 4131301.33 2.50664 594747.52

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4131301.33        4.52117
         594782.52    4131301.33       10.13885                       594852.52
4131301.33       70.46371
         594887.52    4131301.33       40.46221                       594922.52
4131301.33       21.30460
         594957.52    4131301.33       11.21401                       594992.52
4131301.33        6.27765
         595027.52    4131301.33        3.78918                       595062.52
4131301.33        2.44883
         595097.52    4131301.33        1.67529                       595132.52
4131301.33        1.20055
         595167.52    4131301.33        0.89388                       594537.52
4131351.33        0.58309
         594572.52    4131351.33        0.77155                       594607.52
4131351.33        1.06625
         594642.52    4131351.33        1.56053                       594677.52
4131351.33        2.47130
         594712.52    4131351.33        4.38089                       594747.52
4131351.33        9.17453
         594782.52    4131351.33       24.24834                       594887.52
4131351.33       31.52323
         594922.52    4131351.33       11.33507                       594957.52
4131351.33        5.47011
         594992.52    4131351.33        3.14071                       595027.52
4131351.33        2.01050
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                        ***        16:11:41

                                   PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                 L0000479    , L0000480    , L0000481    , L0000482    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         595062.52    4131351.33        1.38482                       595097.52
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4131351.33 1.00514
595132.52 4131351.33 0.75936 595167.52
4131351.33 0.59223
594537.52 4131401.33 0.78907 594572.52
4131401.33 1.07938
594607.52 4131401.33 1.54056 594642.52
4131401.33 2.30717
594677.52 4131401.33 3.63846 594712.52
4131401.33 6.01285
594747.52 4131401.33 10.18226 594782.52
4131401.33 16.43040
594817.52 4131401.33 20.77307 594852.52
4131401.33 14.66892
594887.52 4131401.33 7.33511 594922.52
4131401.33 4.04086
594957.52 4131401.33 2.49485 594992.52
4131401.33 1.67151
595027.52 4131401.33 1.18781 595062.52
4131401.33 0.88200
595097.52 4131401.33 0.67794 595132.52
4131401.33 0.53587
595167.52 4131401.33 0.43359 594537.52
4131451.33 1.02436
594572.52 4131451.33 1.37526 594607.52
4131451.33 1.87568
594642.52 4131451.33 2.57387 594677.52
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594712.52 4131451.33 4.53213 594747.52
4131451.33 5.42390
594782.52 4131451.33 5.77856 594817.52
4131451.33 5.37809
594852.52 4131451.33 4.17114 594887.52
4131451.33 2.92865
594922.52 4131451.33 2.07248 594957.52
4131451.33 1.49348
594992.52 4131451.33 1.10570 595027.52
4131451.33 0.84155
595062.52 4131451.33 0.65609 595097.52
4131451.33 0.52266
595132.52 4131451.33 0.42457 595167.52
4131451.33 0.35100
594572.52 4131501.33 1.40735 594607.52
4131501.33 1.73602
594642.52 4131501.33 2.08328 594677.52
4131501.33 2.39148
594712.52 4131501.33 2.58796 594747.52
4131501.33 2.64343
594782.52 4131501.33 2.56729 594817.52
4131501.33 2.33000
594852.52 4131501.33 1.92362 594887.52

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4131501.33        1.51089
         594922.52    4131501.33        1.19273                       594957.52
4131501.33        0.94631
         594992.52    4131501.33        0.75543                       595027.52
4131501.33        0.61094
         595062.52    4131501.33        0.50078                       595097.52
4131501.33        0.41543
         595132.52    4131501.33        0.34837                       595167.52
4131501.33        0.29512
         594572.52    4131551.33        1.19457                       594607.52
4131551.33        1.33687
         594642.52    4131551.33        1.44403                       594677.52
4131551.33        1.50012
         594712.52    4131551.33        1.50543                       594747.52
4131551.33        1.47595
         594782.52    4131551.33        1.40830                       594817.52
4131551.33        1.27876
         594852.52    4131551.33        1.09487                       594887.52
4131551.33        0.90895
         594922.52    4131551.33        0.75816                       594957.52
4131551.33        0.63714
         594992.52    4131551.33        0.53524                       595027.52
4131551.33        0.45102
         595062.52    4131551.33        0.38323                       595097.52
4131551.33        0.32886
         595132.52    4131551.33        0.28455                       595167.52
4131551.33        0.24780
         594607.52    4131601.33        0.95947                       594642.52
4131601.33        0.97603
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                 L0000479    , L0000480    , L0000481    , L0000482    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
```

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Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         594677.52    4131601.33        0.97122                      594712.52
4131601.33        0.95356
         594747.52    4131601.33        0.92611                      594782.52
4131601.33        0.87826
         594817.52    4131601.33        0.80111                      594852.52
4131601.33        0.70269
         594887.52    4131601.33        0.60339                      594922.52
4131601.33        0.51971
         594957.52    4131601.33        0.45229                      594992.52
4131601.33        0.39436
         595027.52    4131601.33        0.34317                      595062.52
4131601.33        0.29908
         595097.52    4131601.33        0.26234                      595132.52
4131601.33        0.23195
         595167.52    4131601.33        0.20649                      594607.52
4131651.33        0.68650
         594642.52    4131651.33        0.67967                      594677.52
4131651.33        0.66714
         594712.52    4131651.33        0.65168                      594747.52
4131651.33        0.63036
         594782.52    4131651.33        0.59599                      594817.52
4131651.33        0.54673
         594852.52    4131651.33        0.48813                      594887.52
4131651.33        0.42900
         594922.52    4131651.33        0.37745                      594957.52
4131651.33        0.33566
         594992.52    4131651.33        0.30030                      595027.52
4131651.33        0.26835
         595062.52    4131651.33        0.23915                      595097.52
4131651.33        0.21336
         595132.52    4131651.33        0.19130

↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                        ***        16:11:41

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE1 ***
                                  INCLUDING SOURCE(S):     L0000483    , L0000484
 , L0000485    , L0000486    , L0000487    ,
                 L0000488    , L0000489    , L0000490    , L0000491    , L0000492
 , L0000493    , L0000494    , L0000495    ,
                 L0000496    , L0000497    , L0000498    ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594677.52	4131151.33	1.52498	594712.52	4131151.33	2.02449
594747.52	4131151.33	2.62283	594782.52	4131151.33	3.19670
594817.52	4131151.33	3.64429	594852.52	4131151.33	3.93718
594887.52	4131151.33	4.07063	594922.52	4131151.33	4.06827
594957.52	4131151.33	3.91307	594992.52	4131151.33	3.56611
595027.52	4131151.33	3.04803	595062.52	4131151.33	2.47068
595097.52	4131151.33	1.94115	595132.52	4131151.33	1.50518
595167.52	4131151.33	1.16779	594677.52	4131201.33	3.93978
594712.52	4131201.33	5.68496	594747.52	4131201.33	7.10295
594782.52	4131201.33	7.99970	594817.52	4131201.33	8.45081
594852.52	4131201.33	8.54670	594887.52	4131201.33	8.31963
594922.52	4131201.33	7.77141	594957.52	4131201.33	6.69667
594992.52	4131201.33	5.09018	595027.52	4131201.33	3.56978
595062.52	4131201.33	2.46058	595097.52	4131201.33	1.72388
595132.52	4131201.33	1.24215	595167.52	4131201.33	0.92263
594537.52	4131251.33	1.26837	594572.52	4131251.33	2.17257
594607.52	4131251.33	4.55575	594642.52	4131251.33	11.30828
594677.52	4131251.33	19.56805	594712.52	4131251.33	23.19841
594747.52	4131251.33	24.55375	594782.52	4131251.33	24.93674
594817.52	4131251.33	24.85669	594852.52		

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4131251.33       24.20222
         594887.52    4131251.33       22.41927                       594922.52
4131251.33       17.71307
         594957.52    4131251.33        9.42850                       594992.52
4131251.33        4.71684
         595027.52    4131251.33        2.66261                       595062.52
4131251.33        1.67798
         595097.52    4131251.33        1.14599                       595132.52
4131251.33        0.82962
         595167.52    4131251.33        0.62752                       594537.52
4131301.33        2.13355
         594572.52    4131301.33        4.48938                       594607.52
4131301.33       12.52771
         594642.52    4131301.33       23.61876                       594677.52
4131301.33       26.88889
         594712.52    4131301.33       28.19676                       594747.52
4131301.33       29.16998
         594782.52    4131301.33       29.49696                       594852.52
4131301.33       21.79026
         594887.52    4131301.33       15.53997                       594922.52
4131301.33        8.16584
         594957.52    4131301.33        3.53094                       594992.52
4131301.33        2.01300
         595027.52    4131301.33        1.31220                       595062.52
4131301.33        0.92639
         595097.52    4131301.33        0.69007                       595132.52
4131301.33        0.53443
         595167.52    4131301.33        0.42645                       594537.52
4131351.33        2.80406
         594572.52    4131351.33        4.23365                       594607.52
4131351.33        5.82482
         594642.52    4131351.33        7.06908                       594677.52
4131351.33        7.76987
         594712.52    4131351.33        8.07524                       594747.52
4131351.33        8.09891
         594782.52    4131351.33        7.79153                       594887.52
4131351.33        4.06217
         594922.52    4131351.33        2.58560                       594957.52
4131351.33        1.67196
         594992.52    4131351.33        1.14436                       595027.52
4131351.33        0.82820
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: OFFSITE1 ***
INCLUDING SOURCE(S): L0000483 , L0000484
, L0000485 , L0000486 , L0000487 ,
L0000488 , L0000489 , L0000490 , L0000491 , L0000492
, L0000493 , L0000494 , L0000495 ,
L0000496 , L0000497 , L0000498 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595062.52	4131351.33	0.62665	595097.52	4131351.33	0.49094
595132.52	4131351.33	0.39535	595167.52	4131351.33	0.32558
594537.52	4131401.33	2.28011	594572.52	4131401.33	2.77291
594607.52	4131401.33	3.21712	594642.52	4131401.33	3.53494
594677.52	4131401.33	3.68863	594712.52	4131401.33	3.68322
594747.52	4131401.33	3.52451	594782.52	4131401.33	3.21247
594817.52	4131401.33	2.77569	594852.52	4131401.33	2.27502
594887.52	4131401.33	1.76720	594922.52	4131401.33	1.32763
594957.52	4131401.33	1.00126	594992.52	4131401.33	0.76769
595027.52	4131401.33	0.60012	595062.52	4131401.33	0.47870
595097.52	4131401.33	0.38913	595132.52	4131401.33	0.32181
595167.52	4131401.33	0.27036	594537.52	4131451.33	1.65903
594572.52	4131451.33	1.84064	594607.52	4131451.33	1.98045
594642.52	4131451.33	2.05470	594677.52	4131451.33	2.05076
594712.52	4131451.33	1.97406	594747.52	4131451.33	1.83652
594782.52	4131451.33	1.65177	594817.52	4131451.33	1.44085
594852.52	4131451.33	1.22083	594887.52		

```
4131451.33        1.00530
         594922.52    4131451.33        0.81516                    594957.52
4131451.33        0.66238
         594992.52    4131451.33        0.54258                    595027.52
4131451.33        0.44822
         595062.52    4131451.33        0.37398                    595097.52
4131451.33        0.31539
         595132.52    4131451.33        0.26865                    595167.52
4131451.33        0.23094
         594572.52    4131501.33        1.25214                    594607.52
4131501.33        1.28606
         594642.52    4131501.33        1.28467                    594677.52
4131501.33        1.24702
         594712.52    4131501.33        1.17870                    594747.52
4131501.33        1.08951
         594782.52    4131501.33        0.98593                    594817.52
4131501.33        0.87466
         594852.52    4131501.33        0.76050                    594887.52
4131501.33        0.64971
         594922.52    4131501.33        0.55060                    594957.52
4131501.33        0.46759
         594992.52    4131501.33        0.39935                    595027.52
4131501.33        0.34279
         595062.52    4131501.33        0.29572                    595097.52
4131501.33        0.25680
         595132.52    4131501.33        0.22455                    595167.52
4131501.33        0.19759
         594572.52    4131551.33        0.87336                    594607.52
4131551.33        0.87170
         594642.52    4131551.33        0.85221                    594677.52
4131551.33        0.81641
         594712.52    4131551.33        0.76794                    594747.52
4131551.33        0.71164
         594782.52    4131551.33        0.65005                    594817.52
4131551.33        0.58502
         594852.52    4131551.33        0.51873                    594887.52
4131551.33        0.45462
         594922.52    4131551.33        0.39659                    594957.52
4131551.33        0.34666
         594992.52    4131551.33        0.30444                    595027.52
4131551.33        0.26846
         595062.52    4131551.33        0.23742                    595097.52
4131551.33        0.21079
         595132.52    4131551.33        0.18807                    595167.52
4131551.33        0.16867
         594607.52    4131601.33        0.61642                    594642.52
4131601.33        0.59640
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE1 ***

INCLUDING SOURCE(S): L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594677.52	4131601.33	0.56888	594712.52	4131601.33	0.53577
594747.52	4131601.33	0.49898	594782.52	4131601.33	0.45940
594817.52	4131601.33	0.41804	594852.52	4131601.33	0.37635
594887.52	4131601.33	0.33621	594922.52	4131601.33	0.29950
594957.52	4131601.33	0.26723	594992.52	4131601.33	0.23935
595027.52	4131601.33	0.21520	595062.52	4131601.33	0.19391
595097.52	4131601.33	0.17512	595132.52	4131601.33	0.15867
595167.52	4131601.33	0.14434	594607.52	4131651.33	0.45387
594642.52	4131651.33	0.43743	594677.52	4131651.33	0.41728
594712.52	4131651.33	0.39409	594747.52	4131651.33	0.36873
594782.52	4131651.33	0.34163	594817.52	4131651.33	0.31361
594852.52	4131651.33	0.28576	594887.52	4131651.33	0.25907
594922.52	4131651.33	0.23450	594957.52	4131651.33	0.21255
594992.52	4131651.33	0.19324	595027.52		

4131651.33   0.17629
         595062.52   4131651.33   0.16114   595097.52
4131651.33   0.14750
         595132.52   4131651.33   0.13526

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE2 ***
                                  INCLUDING SOURCE(S):   L0000464   , L0000465
 , L0000466   , L0000467   , L0000468   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         594677.52   4131151.33   0.62472   594712.52
4131151.33   0.77087
         594747.52   4131151.33   0.93975   594782.52
4131151.33   1.12254
         594817.52   4131151.33   1.32317   594852.52
4131151.33   1.65381
         594887.52   4131151.33   2.18352   594922.52
4131151.33   2.77235
         594957.52   4131151.33   3.11993   594992.52
4131151.33   3.13164
         595027.52   4131151.33   2.88449   595062.52
4131151.33   2.51104
         595097.52   4131151.33   2.11305   595132.52
4131151.33   1.74053
         595167.52   4131151.33   1.42047   594677.52
4131201.33   0.95491
         594712.52   4131201.33   1.28366   594747.52
4131201.33   1.73188
         594782.52   4131201.33   2.29918   594817.52
4131201.33   2.99432
         594852.52   4131201.33   4.40213   594887.52
4131201.33   6.09139

```
         594922.52    4131201.33        6.59539                    594957.52
4131201.33        5.94684
         594992.52    4131201.33        4.85848                    595027.52
4131201.33        3.78199
         595062.52    4131201.33        2.88548                    595097.52
4131201.33        2.19238
         595132.52    4131201.33        1.67320                    595167.52
4131201.33        1.29014
         594537.52    4131251.33        0.45158                    594572.52
4131251.33        0.57857
         594607.52    4131251.33        0.76175                    594642.52
4131251.33        1.04106
         594677.52    4131251.33        1.49535                    594712.52
4131251.33        2.28549
         594747.52    4131251.33        3.77271                    594782.52
4131251.33        6.69711
         594817.52    4131251.33       12.10208                    594852.52
4131251.33       20.67709
         594887.52    4131251.33       17.85213                    594922.52
4131251.33       12.34054
         594957.52    4131251.33        8.14260                    594992.52
4131251.33        5.38020
         595027.52    4131251.33        3.62603                    595062.52
4131251.33        2.51153
         595097.52    4131251.33        1.79145                    595132.52
4131251.33        1.31498
         595167.52    4131251.33        0.99149                    594537.52
4131301.33        0.56768
         594572.52    4131301.33        0.74969                    594607.52
4131301.33        1.03295
         594642.52    4131301.33        1.50489                    594677.52
4131301.33        2.37642
         594712.52    4131301.33        4.23552                    594747.52
4131301.33        9.31534
         594782.52    4131301.33       31.15780                    594852.52
4131301.33       50.76102
         594887.52    4131301.33       23.33690                    594922.52
4131301.33       11.65288
         594957.52    4131301.33        6.37824                    594992.52
4131301.33        3.80831
         595027.52    4131301.33        2.44716                    595062.52
4131301.33        1.66915
         595097.52    4131301.33        1.19465                    595132.52
4131301.33        0.88908
         595167.52    4131301.33        0.68330                    594537.52
4131351.33        0.75544
         594572.52    4131351.33        1.03840                    594607.52
4131351.33        1.50399
         594642.52    4131351.33        2.33210                    594677.52
4131351.33        3.95577
```

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE2 ***
                                  INCLUDING SOURCE(S):   L0000464   , L0000465
 , L0000466   , L0000467   , L0000468   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         595062.52   4131351.33   1.00764   595097.52
4131351.33   0.76090
         595132.52   4131351.33   0.59319   595167.52
4131351.33   0.47462
         594537.52   4131401.33   1.03510   594572.52
4131401.33   1.44749
         594607.52   4131401.33   2.10333   594642.52
4131401.33   3.17718
         594677.52   4131401.33   4.97252   594712.52
4131401.33   7.98214
         594747.52   4131401.33   12.84308   594782.52
4131401.33   18.19308
         594817.52   4131401.33   14.33723   594852.52
4131401.33   7.31246
         594887.52   4131401.33   4.07042   594922.52
4131401.33   2.53202
         594957.52   4131401.33   1.70216   594992.52
4131401.33   1.21058
         595027.52   4131401.33   0.89850   595062.52

4131401.33 0.68973
595097.52 4131401.33 0.54434 595132.52
4131401.33 0.43968
595167.52 4131401.33 0.36225 594537.52
4131451.33 1.27300
594572.52 4131451.33 1.69806 594607.52
4131451.33 2.27610
594642.52 4131451.33 3.02469 594677.52
4131451.33 3.89458
594712.52 4131451.33 4.69624 594747.52
4131451.33 5.11390
594782.52 4131451.33 4.92973 594817.52
4131451.33 3.98839
594852.52 4131451.33 2.84667 594887.52
4131451.33 2.03772
594922.52 4131451.33 1.48471 594957.52
4131451.33 1.10717
594992.52 4131451.33 0.84699 595027.52
4131451.33 0.66326
595062.52 4131451.33 0.53002 595097.52
4131451.33 0.43132
595132.52 4131451.33 0.35681 595167.52
4131451.33 0.29959
594572.52 4131501.33 1.56965 594607.52
4131501.33 1.86994
594642.52 4131501.33 2.14374 594677.52
4131501.33 2.33191
594712.52 4131501.33 2.39585 594747.52
4131501.33 2.35268
594782.52 4131501.33 2.18256 594817.52
4131501.33 1.84630
594852.52 4131501.33 1.46604 594887.52
4131501.33 1.16397
594922.52 4131501.33 0.93168 594957.52
4131501.33 0.74914
594992.52 4131501.33 0.60827 595027.52
4131501.33 0.50032
595062.52 4131501.33 0.41655 595097.52
4131501.33 0.35059
595132.52 4131501.33 0.29793 595167.52
4131501.33 0.25550
594572.52 4131551.33 1.22734 594607.52
4131551.33 1.32621
594642.52 4131551.33 1.38116 594677.52
4131551.33 1.39081
594712.52 4131551.33 1.36769 594747.52
4131551.33 1.31694
594782.52 4131551.33 1.21513 594817.52
4131551.33 1.05705
594852.52 4131551.33 0.88466 594887.52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE2 ***
INCLUDING SOURCE(S): L0000464 , L0000465 , L0000466 , L0000467 , L0000468 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
594677.52	4131601.33	0.89383	594712.52	4131601.33	0.87073
594747.52	4131601.33	0.83296	594782.52	4131601.33	0.76894
594817.52	4131601.33	0.68197	594852.52	4131601.33	0.58934
594887.52	4131601.33	0.50805	594922.52	4131601.33	0.44278
594957.52	4131601.33	0.38799	594992.52	4131601.33	0.33942
595027.52	4131601.33	0.29691	595062.52	4131601.33	0.26081
595097.52	4131601.33	0.23072	595132.52	4131601.33	0.20558
595167.52	4131601.33	0.18425	594607.52	4131651.33	0.64270

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         594642.52    4131651.33        0.63123                       594677.52
4131651.33        0.61742
         594712.52    4131651.33        0.59935                       594747.52
4131651.33        0.57102
         594782.52    4131651.33        0.52858                       594817.52
4131651.33        0.47574
         594852.52    4131651.33        0.42033                       594887.52
4131651.33        0.37009
         594922.52    4131651.33        0.32893                       594957.52
4131651.33        0.29497
         594992.52    4131651.33        0.26474                       595027.52
4131651.33        0.23701
         595062.52    4131651.33        0.21203                       595097.52
4131651.33        0.19028
         595132.52    4131651.33        0.17175

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                   L0000479    , L0000480    , L0000481    , L0000482    , L0000483
 , L0000484    , L0000485    , L0000486    ,
                   L0000487    , L0000488    , L0000489    , L0000490    , L0000491
 , L0000492    , L0000493    , L0000494    ,
                   L0000495    , L0000496    , L0000497    , L0000498    , L0000464
 , L0000465    , L0000466    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         594677.52    4131151.33        2.65007                       594712.52
4131151.33        3.40318
         594747.52    4131151.33        4.29579                       594782.52
4131151.33        5.19162
         594817.52    4131151.33        5.97964                       594852.52
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4131151.33 6.78232
594887.52 4131151.33 7.72743 594922.52
4131151.33 8.74807
594957.52 4131151.33 9.39606 594992.52
4131151.33 9.35946
595027.52 4131151.33 8.64316 595062.52
4131151.33 7.53174
595097.52 4131151.33 6.32549 595132.52
4131151.33 5.19197
595167.52 4131151.33 4.21922 594677.52
4131201.33 5.62036
594712.52 4131201.33 7.91084 594747.52
4131201.33 10.06298
594782.52 4131201.33 11.89352 594817.52
4131201.33 13.43917
594852.52 4131201.33 15.51231 594887.52
4131201.33 18.02085
594922.52 4131201.33 19.15095 594957.52
4131201.33 17.92327
594992.52 4131201.33 14.93128 595027.52
4131201.33 11.60435
595062.52 4131201.33 8.77407 595097.52
4131201.33 6.60122
595132.52 4131201.33 4.99500 595167.52
4131201.33 3.82352
594537.52 4131251.33 2.09249 594572.52
4131251.33 3.21713
594607.52 4131251.33 5.91338 594642.52
4131251.33 13.13398
594677.52 4131251.33 22.13602 594712.52
4131251.33 27.01477
594747.52 4131251.33 30.61360 594782.52
4131251.33 35.18403
594817.52 4131251.33 42.34169 594852.52
4131251.33 53.66380
594887.52 4131251.33 53.56216 594922.52
4131251.33 43.12637
594957.52 4131251.33 27.77810 594992.52
4131251.33 17.35296
595027.52 4131251.33 11.29816 595062.52
4131251.33 7.65715
595097.52 4131251.33 5.38012 595132.52
4131251.33 3.90601
595167.52 4131251.33 2.92147 594537.52
4131301.33 3.15801
594572.52 4131301.33 5.82450 594607.52
4131301.33 14.33689
594642.52 4131301.33 26.19769 594677.52
4131301.33 30.84037
594712.52 4131301.33 34.93892 594747.52

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4131301.33       43.00648
         594782.52    4131301.33       70.79361                       594852.52
4131301.33      143.01499
         594887.52    4131301.33       79.33909                       594922.52
4131301.33       41.12331
         594957.52    4131301.33       21.12319                       594992.52
4131301.33       12.09896
         595027.52    4131301.33        7.54854                       595062.52
4131301.33        5.04437
         595097.52    4131301.33        3.56002                       595132.52
4131301.33        2.62406
         595167.52    4131301.33        2.00364                       594537.52
4131351.33        4.14259
         594572.52    4131351.33        6.04360                       594607.52
4131351.33        8.39505
         594642.52    4131351.33       10.96172                       594677.52
4131351.33       14.19694
         594712.52    4131351.33       19.99077                       594747.52
4131351.33       33.94435
         594782.52    4131351.33       78.49444                       594887.52
4131351.33       47.13172
         594922.52    4131351.33       19.45068                       594957.52
4131351.33       10.30439
         594992.52    4131351.33        6.30452                       595027.52
4131351.33        4.22768
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                   L0000479    , L0000480    , L0000481    , L0000482    , L0000483
 , L0000484    , L0000485    , L0000486    ,
                   L0000487    , L0000488    , L0000489    , L0000490    , L0000491
 , L0000492    , L0000493    , L0000494    ,
                   L0000495    , L0000496    , L0000497    , L0000498    , L0000464
 , L0000465    , L0000466    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
595062.52	4131351.33	3.01911	595097.52	4131351.33	2.25698
595132.52	4131351.33	1.74791	595167.52	4131351.33	1.39243
594537.52	4131401.33	4.10427	594572.52	4131401.33	5.29977
594607.52	4131401.33	6.86101	594642.52	4131401.33	9.01929
594677.52	4131401.33	12.29961	594712.52	4131401.33	17.67821
594747.52	4131401.33	26.54986	594782.52	4131401.33	37.83595
594817.52	4131401.33	37.88600	594852.52	4131401.33	24.25639
594887.52	4131401.33	13.17273	594922.52	4131401.33	7.90050
594957.52	4131401.33	5.19827	594992.52	4131401.33	3.64977
595027.52	4131401.33	2.68642	595062.52	4131401.33	2.05043
595097.52	4131401.33	1.61140	595132.52	4131401.33	1.29736
595167.52	4131401.33	1.06620	594537.52	4131451.33	3.95640
594572.52	4131451.33	4.91396	594607.52	4131451.33	6.13223
594642.52	4131451.33	7.65326	594677.52	4131451.33	9.43400
594712.52	4131451.33	11.20243	594747.52	4131451.33	12.37431
594782.52	4131451.33	12.36006	594817.52	4131451.33	10.80733
594852.52	4131451.33	8.23865	594887.52	4131451.33	5.97167
594922.52	4131451.33	4.37235	594957.52	4131451.33	3.26304
594992.52	4131451.33	2.49527	595027.52	4131451.33	1.95303
595062.52	4131451.33	1.56010	595097.52	4131451.33	1.26937
595132.52	4131451.33	1.05003	595167.52	4131451.33	0.88154
594572.52	4131501.33	4.22915	594607.52	4131501.33	4.89201
594642.52	4131501.33	5.51169	594677.52	4131501.33	5.97041

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         594712.52    4131501.33        6.16252                      594747.52
4131501.33        6.08562
         594782.52    4131501.33        5.73578                      594817.52
4131501.33        5.05097
         594852.52    4131501.33        4.15017                      594887.52
4131501.33        3.32457
         594922.52    4131501.33        2.67501                      594957.52
4131501.33        2.16305
         594992.52    4131501.33        1.76305                      595027.52
4131501.33        1.45404
         595062.52    4131501.33        1.21305                      595097.52
4131501.33        1.02282
         595132.52    4131501.33        0.87085                      595167.52
4131501.33        0.74821
         594572.52    4131551.33        3.29527                      594607.52
4131551.33        3.53477
         594642.52    4131551.33        3.67739                      594677.52
4131551.33        3.70735
         594712.52    4131551.33        3.64106                      594747.52
4131551.33        3.50453
         594782.52    4131551.33        3.27348                      594817.52
4131551.33        2.92083
         594852.52    4131551.33        2.49827                      594887.52
4131551.33        2.10305
         594922.52    4131551.33        1.77923                      594957.52
4131551.33        1.51208
         594992.52    4131551.33        1.28697                      595027.52
4131551.33        1.10051
         595062.52    4131551.33        0.94813                      595097.52
4131551.33        0.82359
         595132.52    4131551.33        0.72056                      595167.52
4131551.33        0.63425
         594607.52    4131601.33        2.48809                      594642.52
4131601.33        2.48165
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                 L0000479    , L0000480    , L0000481    , L0000482    , L0000483
 , L0000484    , L0000485    , L0000486    ,
                 L0000487    , L0000488    , L0000489    , L0000490    , L0000491
 , L0000492    , L0000493    , L0000494    ,
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                L0000495    , L0000496    , L0000497    , L0000498    , L0000464
 , L0000465    , L0000466    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                     **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         594677.52    4131601.33        2.43393                        594712.52
4131601.33        2.36005
         594747.52    4131601.33        2.25805                        594782.52
4131601.33        2.10660
         594817.52    4131601.33        1.90112                        594852.52
4131601.33        1.66838
         594887.52    4131601.33        1.44765                        594922.52
4131601.33        1.26200
         594957.52    4131601.33        1.10751                        594992.52
4131601.33        0.97313
         595027.52    4131601.33        0.85528                        595062.52
4131601.33        0.75381
         595097.52    4131601.33        0.66819                        595132.52
4131601.33        0.59620
         595167.52    4131601.33        0.53508                        594607.52
4131651.33        1.78308
         594642.52    4131651.33        1.74833                        594677.52
4131651.33        1.70184
         594712.52    4131651.33        1.64512                        594747.52
4131651.33        1.57011
         594782.52    4131651.33        1.46621                        594817.52
4131651.33        1.33609
         594852.52    4131651.33        1.19421                        594887.52
4131651.33        1.05817
         594922.52    4131651.33        0.94089                        594957.52
4131651.33        0.84318
         594992.52    4131651.33        0.75829                        595027.52
4131651.33        0.68166
         595062.52    4131651.33        0.61231                        595097.52
4131651.33        0.55114
         595132.52    4131651.33        0.49830

↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                *** 01/18/24
 *** AERMET - VERSION  18081 ***   ***
                        ***        16:11:41
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000474 , L0000475 , L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594677.52	4131151.33	154.60819	(13010808)	594712.52	4131151.33	173.82854	(13010808)
594747.52	4131151.33	163.31020	(15021808)	594782.52	4131151.33	188.47084	(15021808)
594817.52	4131151.33	208.28719	(13010108)	594852.52	4131151.33	243.27892	(14021209)
594887.52	4131151.33	308.00911	(13012508)	594922.52	4131151.33	248.00924	(15120708)
594957.52	4131151.33	236.46506	(17021008)	594992.52	4131151.33	225.54056	(14122408)
595027.52	4131151.33	197.58513	(13111408)	595062.52	4131151.33	181.19301	(16123008)
595097.52	4131151.33	155.74074	(14010808)	595132.52	4131151.33	133.01210	(17112408)
595167.52	4131151.33	124.75320	(17112408)	594677.52	4131201.33	176.85985	(17120508)
594712.52	4131201.33	221.47914	(13010808)	594747.52	4131201.33	266.52745	(13010808)
594782.52	4131201.33	281.65293	(15021808)	594817.52	4131201.33	317.59502	(13010108)
594852.52	4131201.33	420.01282	(14021209)	594887.52	4131201.33	430.15507	(13012508)
594922.52	4131201.33	351.60292	(17021008)	594957.52	4131201.33	325.33128	(13111408)
594992.52	4131201.33	275.25205	(16123008)	595027.52	4131201.33	231.25353	(14010808)
595062.52	4131201.33	196.55744	(17112408)	595097.52	4131201.33	172.82851	(17112408)
595132.52	4131201.33	142.95917	(17112408)	595167.52	4131201.33	119.60989	(14122208)
594537.52	4131251.33	109.44284	(17011308)	594572.52			

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4131251.33      123.34726  (17011308)
       594607.52   4131251.33      137.13256  (17011308)                594642.52
4131251.33      163.54414  (15111708)
       594677.52   4131251.33      226.58308  (15013008)                594712.52
4131251.33      293.67617  (15013008)
       594747.52   4131251.33      349.38139  (13010808)                594782.52
4131251.33      524.90895  (15100708)
       594817.52   4131251.33      561.81602  (13010108)                594852.52
4131251.33      799.17114  (14021209)
       594887.52   4131251.33      601.17067  (17021008)                594922.52
4131251.33      505.06893  (13111408)
       594957.52   4131251.33      394.16180  (16123008)                594992.52
4131251.33      322.69594  (17112408)
       595027.52   4131251.33      251.97700  (17112408)                595062.52
4131251.33      204.01734  (14122208)
       595097.52   4131251.33      177.07146  (14122208)                595132.52
4131251.33      149.94599  (14122208)
       595167.52   4131251.33      127.29446  (13112208)                594537.52
4131301.33      113.02417  (17011608)
       594572.52   4131301.33      135.49435  (17011608)                594607.52
4131301.33      165.05168  (17011608)
       594642.52   4131301.33      204.66413  (17011608)                594677.52
4131301.33      259.52339  (17011308)
       594712.52   4131301.33      342.12554  (17011308)                594747.52
4131301.33      453.02167  (15111708)
       594782.52   4131301.33      774.37634  (15013008)                594852.52
4131301.33     1493.05166  (13030409)
       594887.52   4131301.33      874.26128  (17112408)                594922.52
4131301.33      615.40111  (17112408)
       594957.52   4131301.33      425.46957  (14122208)                594992.52
4131301.33      320.02641  (13112208)
       595027.52   4131301.33      253.98237  (14122608)                595062.52
4131301.33      210.33758  (14122608)
       595097.52   4131301.33      175.41537  (14122608)                595132.52
4131301.33      147.83071  (14122608)
       595167.52   4131301.33      125.84881  (14122608)                594537.52
4131351.33      117.70385  (13012808)
       594572.52   4131351.33      139.32370  (13012808)                594607.52
4131351.33      168.37497  (13012808)
       594642.52   4131351.33      208.87867  (13012808)                594677.52
4131351.33      268.29475  (13012808)
       594712.52   4131351.33      360.56323  (16010508)                594747.52
4131351.33      560.41285  (13111109)
       594782.52   4131351.33      930.28253  (13111109)                594887.52
4131351.33     1110.97291  (14091508)
       594922.52   4131351.33      593.01411  (14092308)                594957.52
4131351.33      363.30368  (15112608)
       594992.52   4131351.33      270.04487  (15112608)                595027.52
4131351.33      211.08226  (15112608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000474 , L0000475 , L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
595062.52	4131351.33	170.72166	(15112608)	595097.52	4131351.33	142.14736	(15112608)
595132.52	4131351.33	120.79732	(15112608)	595167.52	4131351.33	104.32085	(15112608)
594537.52	4131401.33	129.78792	(13111208)	594572.52	4131401.33	163.95123	(13111208)
594607.52	4131401.33	207.93642	(13111208)	594642.52	4131401.33	263.43764	(17120708)
594677.52	4131401.33	333.71534	(13121608)	594712.52	4131401.33	425.59442	(15120808)
594747.52	4131401.33	560.33835	(17121108)	594782.52	4131401.33	771.83096	(14013108)
594817.52	4131401.33	1148.11911	(14090908)	594852.52	4131401.33	1678.66331	(17101908)
594887.52	4131401.33	698.41868	(17010508)	594922.52	4131401.33	486.65109	(13121908)
594957.52	4131401.33	343.79437	(13122008)	594992.52	4131401.33	250.37208	(17112208)
595027.52	4131401.33	195.78149	(13011408)	595062.52	4131401.33	154.07173	(13011408)
595097.52	4131401.33	121.97345	(13011408)	595132.52	4131401.33	98.28604	(15110208)
595167.52	4131401.33	86.27098	(15110208)	594537.52	4131451.33	152.33154	(13121608)
594572.52	4131451.33	176.06201	(13121608)	594607.52	4131451.33	204.45441	(17121408)
594642.52	4131451.33	240.19766	(15120808)	594677.52			

4131451.33 288.65475 (17122508)
594712.52 4131451.33 350.64005 (15120908) 594747.52
4131451.33 424.86362 (14120108)
594782.52 4131451.33 509.11936 (14112008) 594817.52
4131451.33 563.62030 (16111508)
594852.52 4131451.33 914.74253 (17101908) 594887.52
4131451.33 480.96468 (15021909)
594922.52 4131451.33 346.81995 (17010508) 594957.52
4131451.33 277.59115 (15122808)
594992.52 4131451.33 229.40638 (13121908) 595027.52
4131451.33 188.45498 (13122008)
595062.52 4131451.33 154.55263 (13122008) 595097.52
4131451.33 123.10172 (17112208)
595132.52 4131451.33 108.44250 (17112208) 595167.52
4131451.33 94.62777 (13011408)
594572.52 4131501.33 158.26101 (17122908) 594607.52
4131501.33 182.04022 (17122508)
594642.52 4131501.33 211.52610 (15120908) 594677.52
4131501.33 236.24286 (17120608)
594712.52 4131501.33 276.19427 (14120108) 594747.52
4131501.33 302.64497 (13011508)
594782.52 4131501.33 355.46993 (14120808) 594817.52
4131501.33 356.25226 (15123108)
594852.52 4131501.33 513.76175 (17101908) 594887.52
4131501.33 280.44168 (16011108)
594922.52 4131501.33 229.83526 (15021909) 594957.52
4131501.33 211.56029 (17010508)
594992.52 4131501.33 187.92788 (15122808) 595027.52
4131501.33 159.22192 (14013008)
595062.52 4131501.33 139.81081 (13121908) 595097.52
4131501.33 122.60606 (13121908)
595132.52 4131501.33 107.34806 (13122008) 595167.52
4131501.33 92.20539 (13122008)
594572.52 4131551.33 144.05647 (15120908) 594607.52
4131551.33 158.96358 (17120608)
594642.52 4131551.33 174.97428 (13121208) 594677.52
4131551.33 197.70956 (14120108)
594712.52 4131551.33 206.56401 (15112508) 594747.52
4131551.33 238.36392 (14112008)
594782.52 4131551.33 249.54148 (14121008) 594817.52
4131551.33 247.75142 (15123108)
594852.52 4131551.33 318.17494 (17101908) 594887.52
4131551.33 220.49097 (17101908)
594922.52 4131551.33 188.87179 (16011108) 594957.52
4131551.33 152.42780 (17111408)
594992.52 4131551.33 145.45360 (17010508) 595027.52
4131551.33 134.94644 (17010508)
595062.52 4131551.33 120.10755 (15122808) 595097.52
4131551.33 106.82012 (14013008)
595132.52 4131551.33 96.68871 (13121908) 595167.52

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 4131551.33       88.33410  (13121908)
        594607.52   4131601.33      134.46433  (13121208)                594642.52
 4131601.33      150.32337  (14120108)
↑ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                 ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                 L0000479    , L0000480    , L0000481    , L0000482    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        594677.52   4131601.33      152.81653  (15112508)                594712.52
 4131601.33      171.44610  (14112008)
        594747.52   4131601.33      189.81845  (14120808)                594782.52
 4131601.33      187.54393  (14121008)
        594817.52   4131601.33      183.12306  (15123108)                594852.52
 4131601.33      212.74598  (17101908)
        594887.52   4131601.33      182.87441  (14120208)                594922.52
 4131601.33      144.72553  (16011108)
        594957.52   4131601.33      131.58119  (16011108)                594992.52
 4131601.33      111.82043  (17111408)
        595027.52   4131601.33      107.78450  (17010508)                595062.52
 4131601.33      104.38954  (17010508)
        595097.52   4131601.33       95.89325  (15122808)                595132.52
 4131601.33       84.43449  (14013008)
        595167.52   4131601.33       78.11422  (14013008)                594607.52
 4131651.33      119.54459  (14120108)
        594642.52   4131651.33      119.71698  (14021308)                594677.52
 4131651.33      132.31949  (13011508)
        594712.52   4131651.33      142.40230  (14112008)                594747.52
 4131651.33      147.58654  (14120808)
        594782.52   4131651.33      144.62858  (16111508)                594817.52
 4131651.33      141.53543  (15123108)
        594852.52   4131651.33      160.60556  (15010908)                594887.52
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 4131651.33      152.69826  (14120208)
       594922.52   4131651.33      108.27821  (16011108)                594957.52
 4131651.33      112.56415  (16011108)
       594992.52   4131651.33       95.26725  (16011108)                595027.52
 4131651.33       86.55903  (17111408)
       595062.52   4131651.33       83.76438  (17010508)                595097.52
 4131651.33       83.41486  (17010508)
       595132.52   4131651.33       77.57030  (15122808)

♠ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                  ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                   PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE1 ***
                                  INCLUDING SOURCE(S):     L0000483    , L0000484
 , L0000485    , L0000486    , L0000487    ,
                 L0000488    , L0000489    , L0000490    , L0000491    , L0000492
 , L0000493    , L0000494    , L0000495    ,
                 L0000496    , L0000497    , L0000498    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       594677.52   4131151.33      138.98433  (13010808)                594712.52
 4131151.33      151.94381  (13012508)
       594747.52   4131151.33      162.88894  (13012508)                594782.52
 4131151.33      164.36013  (13012508)
       594817.52   4131151.33      164.71435  (14122408)                594852.52
 4131151.33      169.65659  (14122408)
       594887.52   4131151.33      169.73918  (14122408)                594922.52
 4131151.33      169.49076  (16123008)
       594957.52   4131151.33      171.23917  (16123008)                594992.52
 4131151.33      162.56239  (16123008)
       595027.52   4131151.33      156.16913  (17112408)                595062.52
 4131151.33      142.49710  (17112408)
       595097.52   4131151.33      121.23359  (17112408)                595132.52
 4131151.33      110.82276  (14122208)
       595167.52   4131151.33      103.12524  (14122208)                594677.52
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4131201.33 198.92201 (17120508)
594712.52 4131201.33 219.94074 (13012508) 594747.52
4131201.33 224.17414 (14122408)
594782.52 4131201.33 236.29261 (14122408) 594817.52
4131201.33 237.87490 (14122408)
594852.52 4131201.33 237.12798 (15112308) 594887.52
4131201.33 240.13671 (17112408)
594922.52 4131201.33 242.26339 (17112408) 594957.52
4131201.33 238.40632 (17112408)
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4131201.33 182.73800 (14122208)
595062.52 4131201.33 161.88292 (14122208) 595097.52
4131201.33 137.18660 (14122208)
595132.52 4131201.33 118.77898 (13112208) 595167.52
4131201.33 104.22814 (14122608)
594537.52 4131251.33 216.32458 (17011608) 594572.52
4131251.33 282.79129 (17011308)
594607.52 4131251.33 338.91886 (17011308) 594642.52
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4131251.33 422.83027 (15112308)
594747.52 4131251.33 444.93013 (15112308) 594782.52
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594817.52 4131251.33 463.81304 (17112408) 594852.52
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4131251.33 265.16352 (14122608)
595027.52 4131251.33 214.01527 (14122608) 595062.52
4131251.33 173.32247 (14122608)
595097.52 4131251.33 142.40435 (14122608) 595132.52
4131251.33 118.91454 (14122608)
595167.52 4131251.33 100.67965 (14122608) 594537.52
4131301.33 225.33589 (16010508)
594572.52 4131301.33 329.56940 (13111109) 594607.52
4131301.33 520.88826 (13111208)
594642.52 4131301.33 606.01355 (14111808) 594677.52
4131301.33 625.98707 (13010909)
594712.52 4131301.33 627.06222 (13010909) 594747.52
4131301.33 639.87380 (14010609)
594782.52 4131301.33 646.94138 (14010609) 594852.52
4131301.33 493.91149 (14091508)
594887.52 4131301.33 501.05007 (14091508) 594922.52
4131301.33 503.15948 (14091508)
594957.52 4131301.33 298.16661 (14091508) 594992.52
4131301.33 213.24910 (15112608)
595027.52 4131301.33 168.02200 (15112608) 595062.52
4131301.33 137.38353 (15112608)
595097.52 4131301.33 115.49744 (15112608) 595132.52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE1 ***
INCLUDING SOURCE(S): L0000483 , L0000484 , L0000485 , L0000486 , L0000487 ,
L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 ,
L0000496 , L0000497 , L0000498 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
595062.52	4131351.33	120.20909	(13011408)	595097.52	4131351.33	97.09170	(13011408)
595132.52	4131351.33	80.23055	(15110208)	595167.52	4131351.33	71.64774	(15110208)
594537.52	4131401.33	171.88952	(17122908)	594572.52	4131401.33	178.34849	(17121108)
594607.52	4131401.33	179.54426	(15120908)	594642.52	4131401.33	178.17600	(17120608)
594677.52	4131401.33	177.41609	(14013108)	594712.52			

4131401.33 177.81782 (17101908)
594747.52 4131401.33 178.56467 (17101908) 594782.52
4131401.33 179.00783 (17101908)
594817.52 4131401.33 179.26698 (17101908) 594852.52
4131401.33 179.56210 (17101908)
594887.52 4131401.33 167.97082 (17101908) 594922.52
4131401.33 154.88108 (15122808)
594957.52 4131401.33 150.65786 (13121908) 594992.52
4131401.33 143.17006 (13121908)
595027.52 4131401.33 128.86610 (13122008) 595062.52
4131401.33 109.97129 (13122008)
595097.52 4131401.33 95.82805 (17112208) 595132.52
4131401.33 85.76385 (13011408)
595167.52 4131401.33 76.18727 (13011408) 594537.52
4131451.33 136.17958 (15120908)
594572.52 4131451.33 136.69696 (17120608) 594607.52
4131451.33 135.70815 (14013108)
594642.52 4131451.33 135.71916 (14120108) 594677.52
4131451.33 134.69280 (14112008)
594712.52 4131451.33 135.10553 (14112008) 594747.52
4131451.33 133.54523 (14120808)
594782.52 4131451.33 133.59553 (14120208) 594817.52
4131451.33 132.99296 (14120208)
594852.52 4131451.33 130.19931 (14120208) 594887.52
4131451.33 115.75258 (17010508)
594922.52 4131451.33 118.13826 (17010508) 594957.52
4131451.33 116.06847 (15122808)
594992.52 4131451.33 109.95791 (14013008) 595027.52
4131451.33 105.05324 (13121908)
595062.52 4131451.33 98.68800 (13121908) 595097.52
4131451.33 90.21926 (13122008)
595132.52 4131451.33 80.86801 (13122008) 595167.52
4131451.33 69.93012 (13122008)
594572.52 4131501.33 111.76987 (13121308) 594607.52
4131501.33 111.10010 (14120108)
594642.52 4131501.33 110.74261 (14112008) 594677.52
4131501.33 112.01682 (14120808)
594712.52 4131501.33 111.30517 (14120808) 594747.52
4131501.33 110.39552 (14120208)
594782.52 4131501.33 111.52577 (14120208) 594817.52
4131501.33 111.01562 (14120208)
594852.52 4131501.33 107.52144 (14120208) 594887.52
4131501.33 95.60806 (16011108)
594922.52 4131501.33 90.75754 (17010508) 594957.52
4131501.33 93.50697 (17010508)
594992.52 4131501.33 91.14237 (15122808) 595027.52
4131501.33 86.94235 (15122808)
595062.52 4131501.33 81.93007 (14013008) 595097.52
4131501.33 78.14542 (13121908)
595132.52 4131501.33 73.67582 (13121908) 595167.52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE1 ***
INCLUDING SOURCE(S): L0000483 , L0000484 , L0000485 , L0000486 , L0000487 ,
L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 ,
L0000496 , L0000497 , L0000498 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594677.52	4131601.33	83.14974	(14120808)	594712.52	4131601.33	78.77519	(15123108)
594747.52	4131601.33	81.64340	(15010908)	594782.52			

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 4131601.33       83.99015  (14120208)
       594817.52   4131601.33       83.95131  (14120208)                594852.52
 4131601.33       80.39750  (14120208)
       594887.52   4131601.33       71.08388  (14120208)                594922.52
 4131601.33       69.00266  (16011108)
       594957.52   4131601.33       63.06577  (16011108)                594992.52
 4131601.33       61.24472  (17010508)
       595027.52   4131601.33       63.78765  (17010508)                595062.52
 4131601.33       62.79541  (17010508)
       595097.52   4131601.33       60.57535  (15122808)                595132.52
 4131601.33       56.73928  (15122808)
       595167.52   4131601.33       54.03055  (14013008)                594607.52
 4131651.33       73.74535  (14120808)
       594642.52   4131651.33       74.63704  (14120808)                594677.52
 4131651.33       71.77521  (14120808)
       594712.52   4131651.33       69.78600  (15123108)                594747.52
 4131651.33       71.75226  (15010908)
       594782.52   4131651.33       74.38219  (15010908)                594817.52
 4131651.33       74.71100  (14120208)
       594852.52   4131651.33       71.59242  (14120208)                594887.52
 4131651.33       63.75829  (14120208)
       594922.52   4131651.33       61.27599  (16011108)                594957.52
 4131651.33       58.05472  (16011108)
       594992.52   4131651.33       51.55906  (17111408)                595027.52
 4131651.33       51.88434  (17010508)
       595062.52   4131651.33       54.18148  (17010508)                595097.52
 4131651.33       53.75246  (17010508)
       595132.52   4131651.33       51.76448  (15122808)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
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                                   PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE2 ***
                                    INCLUDING SOURCE(S):     L0000464    , L0000465
 , L0000466    , L0000467    , L0000468    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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- - - - - - - - - - - - - - - - - - - - - - - - -
        594677.52   4131151.33      178.08465  (13010808)                 594712.52
 4131151.33      183.53083  (13010808)
        594747.52   4131151.33      202.49276  (15021808)                 594782.52
 4131151.33      223.20267  (13010108)
        594817.52   4131151.33      256.96787  (14021209)                 594852.52
 4131151.33      335.65512  (13012508)
        594887.52   4131151.33      290.68369  (13012508)                 594922.52
 4131151.33      260.98398  (17021008)
        594957.52   4131151.33      245.31919  (14122408)                 594992.52
 4131151.33      210.49120  (13111408)
        595027.52   4131151.33      191.73565  (16123008)                 595062.52
 4131151.33      161.08266  (14010808)
        595097.52   4131151.33      141.23106  (17112408)                 595132.52
 4131151.33      129.23130  (17112408)
        595167.52   4131151.33      112.59442  (17112408)                 594677.52
 4131201.33      195.97220  (17120508)
        594712.52   4131201.33      269.75146  (13010808)                 594747.52
 4131201.33      289.98391  (13010808)
        594782.52   4131201.33      331.12737  (15021808)                 594817.52
 4131201.33      496.84160  (14021209)
        594852.52   4131201.33      525.56538  (13012508)                 594887.52
 4131201.33      403.31255  (17021008)
        594922.52   4131201.33      361.63434  (13111408)                 594957.52
 4131201.33      299.28389  (16123008)
        594992.52   4131201.33      241.05769  (14010808)                 595027.52
 4131201.33      208.74500  (17112408)
        595062.52   4131201.33      177.17899  (17112408)                 595097.52
 4131201.33      142.85454  (17112408)
        595132.52   4131201.33      126.70055  (14122208)                 595167.52
 4131201.33      115.50162  (14122208)
        594537.52   4131251.33      119.91092  (17011308)                 594572.52
 4131251.33      137.58169  (17011308)
        594607.52   4131251.33      156.56611  (17011308)                 594642.52
 4131251.33      186.90965  (15013008)
        594677.52   4131251.33      261.89982  (15013008)                 594712.52
 4131251.33      343.78746  (15013008)
        594747.52   4131251.33      468.25772  (13010808)                 594782.52
 4131251.33      694.65530  (15100708)
        594817.52   4131251.33     1236.65083  (14021209)                 594852.52
 4131251.33      745.99853  (17021008)
        594887.52   4131251.33      564.62603  (13111408)                 594922.52
 4131251.33      419.37182  (17112408)
        594957.52   4131251.33      337.27207  (17112408)                 594992.52
 4131251.33      250.70951  (17112408)
        595027.52   4131251.33      212.54898  (14122208)                 595062.52
 4131251.33      178.39808  (14122208)
        595097.52   4131251.33      148.38644  (13112208)                 595132.52
 4131251.33      126.84693  (13112208)
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       595167.52   4131251.33      111.71024  (14122608)                594537.52
 4131301.33      119.08376  (17011608)
       594572.52   4131301.33      144.55160  (17011608)                594607.52
 4131301.33      178.82823  (17011608)
       594642.52   4131301.33      226.11387  (17011608)                594677.52
 4131301.33      293.06587  (17011608)
       594712.52   4131301.33      391.27319  (17011308)                594747.52
 4131301.33      541.91880  (17011308)
       594782.52   4131301.33     1058.89834  (15100708)                594852.52
 4131301.33      935.86426  (17112408)
       594887.52   4131301.33      593.63633  (17112408)                594922.52
 4131301.33      403.95052  (13112208)
       594957.52   4131301.33      314.47923  (14122608)                594992.52
 4131301.33      253.26047  (14122608)
       595027.52   4131301.33      206.26628  (14122608)                595062.52
 4131301.33      170.06827  (14122608)
       595097.52   4131301.33      142.03318  (14122608)                595132.52
 4131301.33      120.16367  (14122608)
       595167.52   4131301.33      102.80561  (14122608)                594537.52
 4131351.33      127.82479  (13012808)
       594572.52   4131351.33      151.69748  (16010508)                594607.52
 4131351.33      183.96266  (16010508)
       594642.52   4131351.33      229.36604  (13111208)                594677.52
 4131351.33      325.88839  (13111208)
       594712.52   4131351.33      468.35798  (13111208)                594747.52
 4131351.33      690.43455  (14120908)
       594782.52   4131351.33     1141.17904  (15111308)                594887.52
 4131351.33      536.37244  (14091508)
       594922.52   4131351.33      332.38125  (14091508)                594957.52
 4131351.33      247.66132  (15112608)
       594992.52   4131351.33      197.22939  (15112608)                595027.52
 4131351.33      161.95857  (15112608)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                 ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                        ***        16:11:41

                                   PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE2 ***
                                    INCLUDING SOURCE(S):     L0000464    , L0000465
 , L0000466    , L0000467    , L0000468    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
595062.52	4131351.33	135.92776	(15112608)	595097.52	4131351.33	116.40569	(15112608)
595132.52	4131351.33	101.14694	(15112608)	595167.52	4131351.33	88.93750	(15112608)
594537.52	4131401.33	156.66467	(13111208)	594572.52	4131401.33	191.91740	(17120708)
594607.52	4131401.33	235.60798	(17120708)	594642.52	4131401.33	289.36385	(13121608)
594677.52	4131401.33	362.52348	(15120808)	594712.52	4131401.33	464.86146	(17121108)
594747.52	4131401.33	636.20243	(14013108)	594782.52	4131401.33	1065.16601	(14090908)
594817.52	4131401.33	1994.94934	(17101908)	594852.52	4131401.33	774.36263	(15021909)
594887.52	4131401.33	448.25003	(14013008)	594922.52	4131401.33	336.25667	(13121908)
594957.52	4131401.33	253.48019	(13122008)	594992.52	4131401.33	194.24050	(17112208)
595027.52	4131401.33	158.55575	(13011408)	595062.52	4131401.33	130.13410	(13011408)
595097.52	4131401.33	106.77438	(13011408)	595132.52	4131401.33	87.86585	(13011408)
595167.52	4131401.33	74.16647	(15110208)	594537.52	4131451.33	160.20681	(13121608)
594572.52	4131451.33	185.33649	(15120808)	594607.52	4131451.33	215.35119	(17122908)
594642.52	4131451.33	257.99340	(17122508)	594677.52	4131451.33	312.84675	(15120908)
594712.52	4131451.33	373.54628	(13121308)	594747.52	4131451.33	449.64496	(15112508)
594782.52	4131451.33	537.85100	(14121008)	594817.52	4131451.33	887.65960	(17101908)
594852.52	4131451.33	415.93145	(15021909)	594887.52	4131451.33	308.32299	(17010508)
594922.52	4131451.33	271.65882	(15122808)	594957.52	4131451.33	219.67298	(14013008)
594992.52	4131451.33	186.41292	(13121908)	595027.52	4131451.33	155.95069	(13122008)
595062.52	4131451.33	129.79856	(13122008)	595097.52	4131451.33	105.52685	(17112208)
595132.52	4131451.33	94.36390	(17112208)	595167.52	4131451.33	83.50993	(13011408)
594572.52	4131501.33	167.98069	(17122508)	594607.52	4131501.33	194.60485	(15120908)
594642.52	4131501.33	217.71230	(17120608)	594677.52			

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 4131501.33      252.99950  (14120108)
       594712.52   4131501.33      277.26025  (15112508)                594747.52
 4131501.33      331.88099  (14120808)
       594782.52   4131501.33      339.26696  (16111508)                594817.52
 4131501.33      464.38766  (17101908)
       594852.52   4131501.33      329.86976  (17101908)                594887.52
 4131501.33      239.56997  (16011108)
       594922.52   4131501.33      189.50962  (17010508)                594957.52
 4131501.33      182.16169  (17010508)
       594992.52   4131501.33      156.85136  (15122808)                595027.52
 4131501.33      135.32485  (14013008)
       595062.52   4131501.33      121.55235  (13121908)                595097.52
 4131501.33      105.98309  (13121908)
       595132.52   4131501.33       94.37848  (13122008)                595167.52
 4131501.33       81.69608  (13122008)
       594572.52   4131551.33      148.79252  (17120608)                594607.52
 4131551.33      163.82084  (13121208)
       594642.52   4131551.33      184.77490  (14120108)                594677.52
 4131551.33      192.63229  (15112508)
       594712.52   4131551.33      223.52378  (14112008)                594747.52
 4131551.33      241.20564  (14120808)
       594782.52   4131551.33      240.09495  (15123108)                594817.52
 4131551.33      280.17261  (17101908)
       594852.52   4131551.33      257.07731  (17101908)                594887.52
 4131551.33      183.07668  (16011108)
       594922.52   4131551.33      153.30719  (16011108)                594957.52
 4131551.33      131.30363  (17010508)
       594992.52   4131551.33      132.34068  (17010508)                595027.52
 4131551.33      119.79543  (15122808)
       595062.52   4131551.33      104.03968  (14013008)                595097.52
 4131551.33       94.00645  (14013008)
       595132.52   4131551.33       87.15502  (13121908)                595167.52
 4131551.33       79.03818  (13121908)
       594607.52   4131601.33      142.54819  (14120108)                594642.52
 4131601.33      144.73364  (14021308)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE2 ***
                                  INCLUDING SOURCE(S):     L0000464    , L0000465
 , L0000466    , L0000467    , L0000468    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
594677.52	4131601.33	161.85184	(13011508)	594712.52	4131601.33	180.18797	(14120808)
594747.52	4131601.33	183.85796	(14121008)	594782.52	4131601.33	181.33950	(15123108)
594817.52	4131601.33	193.12710	(15010908)	594852.52	4131601.33	194.27225	(17101908)
594887.52	4131601.33	133.45326	(16011108)	594922.52	4131601.33	133.58521	(16011108)
594957.52	4131601.33	107.57380	(17111408)	594992.52	4131601.33	97.75887	(17010508)
595027.52	4131601.33	101.27233	(17010508)	595062.52	4131601.33	93.41487	(15122808)
595097.52	4131601.33	85.56210	(15122808)	595132.52	4131601.33	77.30261	(14013008)
595167.52	4131601.33	70.26791	(14013008)	594607.52	4131651.33	114.30113	(14021308)
594642.52	4131651.33	126.42083	(13011508)	594677.52	4131651.33	137.61083	(14112008)
594712.52	4131651.33	145.32142	(14120808)	594747.52	4131651.33	143.00407	(14121008)
594782.52	4131651.33	142.04983	(15123108)	594817.52	4131651.33	151.79030	(15010908)
594852.52	4131651.33	154.79643	(14120208)	594887.52	4131651.33	120.24324	(14120208)
594922.52	4131651.33	108.97978	(16011108)	594957.52	4131651.33	99.62796	(16011108)
594992.52	4131651.33	84.51827	(17111408)	595027.52	4131651.33	76.95245	(15121408)
595062.52	4131651.33	80.35761	(17010508)	595097.52	4131651.33	76.23575	(17010508)
595132.52	4131651.33	71.40177	(15122808)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

```
                                  INCLUDING SOURCE(S):     L0000474    , L0000475
 , L0000476    , L0000477    , L0000478    ,
                 L0000479    , L0000480    , L0000481    , L0000482    , L0000483
 , L0000484    , L0000485    , L0000486    ,
                 L0000487    , L0000488    , L0000489    , L0000490    , L0000491
 , L0000492    , L0000493    , L0000494    ,
                 L0000495    , L0000496    , L0000497    , L0000498    , L0000464
 , L0000465    , L0000466    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        594677.52   4131151.33      471.67718  (13010808)               594712.52
 4131151.33      492.67592  (13010808)
        594747.52   4131151.33      483.92929  (15021808)               594782.52
 4131151.33      521.21423  (13010108)
        594817.52   4131151.33      542.57204  (13010108)               594852.52
 4131151.33      709.52699  (13012508)
        594887.52   4131151.33      755.08019  (13012508)               594922.52
 4131151.33      626.62184  (17021008)
        594957.52   4131151.33      623.45908  (14122408)               594992.52
 4131151.33      569.22869  (13111408)
        595027.52   4131151.33      514.33444  (16123008)               595062.52
 4131151.33      443.77544  (14010808)
        595097.52   4131151.33      394.08183  (17112408)               595132.52
 4131151.33      360.05135  (17112408)
        595167.52   4131151.33      313.51815  (17112408)               594677.52
 4131201.33      571.75407  (17120508)
        594712.52   4131201.33      691.59725  (13010808)               594747.52
 4131201.33      754.37913  (13010808)
        594782.52   4131201.33      775.63108  (15021808)               594817.52
 4131201.33      875.97174  (14021209)
        594852.52   4131201.33     1126.28095  (13012508)               594887.52
 4131201.33      917.41411  (13012508)
        594922.52   4131201.33      909.54989  (14122408)               594957.52
 4131201.33      778.18987  (16123008)
        594992.52   4131201.33      671.68286  (16123008)               595027.52
 4131201.33      578.53759  (17112408)
        595062.52   4131201.33      493.58092  (17112408)               595097.52
 4131201.33      398.82181  (17112408)
        595132.52   4131201.33      364.00609  (14122208)               595167.52
 4131201.33      328.43728  (14122208)
        594537.52   4131251.33      439.62764  (17011308)               594572.52
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4131251.33      543.72024  (17011308)
       594607.52   4131251.33      632.61754  (17011308)                594642.52
4131251.33      724.91781  (15111708)
       594677.52   4131251.33      872.51283  (15013008)                594712.52
4131251.33     1024.08480  (17120508)
       594747.52   4131251.33     1157.49501  (13010808)                594782.52
4131251.33     1565.30294  (15100708)
       594817.52   4131251.33     1926.69891  (14021209)                594852.52
4131251.33     1762.54847  (13012508)
       594887.52   4131251.33     1490.74178  (14122408)                594922.52
4131251.33     1216.16508  (16123008)
       594957.52   4131251.33      974.72035  (17112408)                594992.52
4131251.33      717.83784  (17112408)
       595027.52   4131251.33      597.74517  (14122208)                595062.52
4131251.33      495.94349  (14122208)
       595097.52   4131251.33      416.67613  (13112208)                595132.52
4131251.33      364.34862  (14122608)
       595167.52   4131251.33      326.94386  (14122608)                594537.52
4131301.33      426.98977  (14121208)
       594572.52   4131301.33      533.89817  (14121208)                594607.52
4131301.33      679.38424  (14121208)
       594642.52   4131301.33      799.47551  (14121208)                594677.52
4131301.33      893.36354  (14121208)
       594712.52   4131301.33     1032.42404  (17112908)                594747.52
4131301.33     1267.00981  (17112908)
       594782.52   4131301.33     1890.45960  (17120508)                594852.52
4131301.33     2301.56683  (15112308)
       594887.52   4131301.33     1562.45046  (17112408)                594922.52
4131301.33     1087.74761  (14020308)
       594957.52   4131301.33      840.59111  (14122608)                594992.52
4131301.33      687.91029  (14122608)
       595027.52   4131301.33      563.31299  (14122608)                595062.52
4131301.33      464.94482  (14122608)
       595097.52   4131301.33      388.16639  (14122608)                595132.52
4131301.33      328.19997  (14122608)
       595167.52   4131301.33      280.62895  (14122608)                594537.52
4131351.33      380.99208  (13111208)
       594572.52   4131351.33      441.27116  (13111208)                594607.52
4131351.33      507.45407  (13111208)
       594642.52   4131351.33      605.01252  (13111208)                594677.52
4131351.33      755.35093  (13111208)
       594712.52   4131351.33      990.95460  (13111208)                594747.52
4131351.33     1388.51742  (14111808)
       594782.52   4131351.33     2128.32568  (13010909)                594887.52
4131351.33     1726.61122  (14091508)
       594922.52   4131351.33      991.99914  (14091508)                594957.52
4131351.33      693.82573  (17112108)
       594992.52   4131351.33      545.40716  (17112108)                595027.52
4131351.33      445.56727  (17112108)
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000474 , L0000475 , L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000464 , L0000465 , L0000466 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
595062.52	4131351.33	376.22163	(15112608)	595097.52	4131351.33	324.19737	(15112608)
595132.52	4131351.33	283.24087	(15112608)	595167.52	4131351.33	250.22122	(15112608)
594537.52	4131401.33	414.40027	(17120708)	594572.52	4131401.33	474.09188	(16122608)
594607.52	4131401.33	550.17437	(13121608)	594642.52	4131401.33	652.36834	(14120908)
594677.52	4131401.33	788.69950	(15120808)	594712.52	4131401.33	976.76423	(17122908)
594747.52	4131401.33	1278.99417	(15120908)	594782.52	4131401.33	1821.90317	(14090908)
594817.52	4131401.33	2880.17594	(17101908)	594852.52	4131401.33	2105.82096	(15021909)
594887.52	4131401.33	1292.13536	(15122808)	594922.52	4131401.33	970.93633	(13121908)
594957.52	4131401.33	738.52277	(13122008)	594992.52	4131401.33	561.34791	(13122008)
595027.52	4131401.33	461.82999	(17112208)	595062.52	4131401.33	384.84535	(13011408)
595097.52	4131401.33	323.20175	(13011408)	595132.52	4131401.33	271.05173	(13011408)

595167.52 4131401.33 227.26108 (13011408) 594537.52 4131451.33 391.44759 (17121408)
594572.52 4131451.33 442.15660 (15120808) 594607.52 4131451.33 498.65489 (15120808)
594642.52 4131451.33 580.67264 (17122508) 594677.52 4131451.33 688.40683 (15120908)
594712.52 4131451.33 802.05897 (13121208) 594747.52 4131451.33 940.92609 (14120108)
594782.52 4131451.33 1131.87207 (14120808) 594817.52 4131451.33 1426.58465 (17101908)
594852.52 4131451.33 1398.05513 (17101908) 594887.52 4131451.33 874.08540 (15021909)
594922.52 4131451.33 732.99196 (17010508) 594957.52 4131451.33 605.52071 (14013008)
594992.52 4131451.33 520.63047 (13121908) 595027.52 4131451.33 442.99220 (13121908)
595062.52 4131451.33 380.50784 (13122008) 595097.52 4131451.33 317.14784 (13122008)
595132.52 4131451.33 271.45713 (17112208) 595167.52 4131451.33 243.66916 (17112208)
594572.52 4131501.33 399.09919 (17122508) 594607.52 4131501.33 450.84751 (15120908)
594642.52 4131501.33 501.74459 (17120608) 594677.52 4131501.33 558.42430 (13121308)
594712.52 4131501.33 619.65655 (14120108) 594747.52 4131501.33 718.35212 (14112008)
594782.52 4131501.33 755.23627 (14121008) 594817.52 4131501.33 817.08052 (17101908)
594852.52 4131501.33 938.41496 (17101908) 594887.52 4131501.33 615.61970 (16011108)
594922.52 4131501.33 497.77691 (17111408) 594957.52 4131501.33 487.22895 (17010508)
594992.52 4131501.33 435.92162 (15122808) 595027.52 4131501.33 379.41518 (14013008)
595062.52 4131501.33 340.22627 (13121908) 595097.52 4131501.33 306.73457 (13121908)
595132.52 4131501.33 272.68750 (13122008) 595167.52 4131501.33 241.75713 (13122008)
594572.52 4131551.33 355.69271 (17120608) 594607.52 4131551.33 385.73108 (13121208)
594642.52 4131551.33 426.37447 (13121308) 594677.52 4131551.33 451.39452 (14120108)
594712.52 4131551.33 495.33820 (14112008) 594747.52 4131551.33 559.45310 (14120808)
594782.52 4131551.33 547.06334 (16111508) 594817.52 4131551.33 564.62585 (15010908)
594852.52 4131551.33 649.92680 (17101908) 594887.52 4131551.33 445.69948 (16011108)
594922.52 4131551.33 419.98169 (16011108) 594957.52 4131551.33 352.72185 (17111408)

       594677.52   4131601.33   378.97158 (13011508)   594712.52
 4131601.33   414.84792 (14112008)
       594747.52   4131601.33   429.13399 (14120808)   594782.52
 4131601.33   427.84292 (15123108)
       594817.52   4131601.33   439.80967 (15010908)   594852.52
 4131601.33   473.55952 (14120208)
       594887.52   4131601.33   384.55385 (14120208)   594922.52
 4131601.33   347.31340 (16011108)
       594957.52   4131601.33   300.21594 (16011108)   594992.52
 4131601.33   267.62647 (17111408)
       595027.52   4131601.33   272.84449 (17010508)   595062.52
 4131601.33   259.83221 (17010508)
       595097.52   4131601.33   242.03070 (15122808)   595132.52

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 4131601.33      216.97367  (14013008)
       595167.52   4131601.33      202.41269  (14013008)                594607.52
 4131651.33      282.15025  (14120108)
       594642.52   4131651.33      301.99630  (13011508)                594677.52
 4131651.33      329.63058  (14112008)
       594712.52   4131651.33      352.69581  (14120808)                594747.52
 4131651.33      350.86704  (14121008)
       594782.52   4131651.33      348.56616  (15123108)                594817.52
 4131651.33      356.38076  (15010908)
       594852.52   4131651.33      384.25021  (14120208)                594887.52
 4131651.33      336.69979  (14120208)
       594922.52   4131651.33      278.53398  (16011108)                594957.52
 4131651.33      270.24683  (16011108)
       594992.52   4131651.33      224.56064  (17122008)                595027.52
 4131651.33      212.59636  (17111408)
       595062.52   4131651.33      218.30347  (17010508)                595097.52
 4131651.33      213.40307  (17010508)
       595132.52   4131651.33      200.73655  (15122808)

 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
              **


                        NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ONSITE    1ST HIGHEST VALUE IS      70.46371 AT (  594852.52,  4131301.33,
36.20,    36.20,    0.00)  DC
          2ND HIGHEST VALUE IS      40.46221 AT (  594887.52,  4131301.33,
36.06,    36.06,    0.00)  DC
          3RD HIGHEST VALUE IS      31.52323 AT (  594887.52,  4131351.33,
35.66,    35.66,    0.00)  DC
          4TH HIGHEST VALUE IS      24.24834 AT (  594782.52,  4131351.33,
35.90,    35.90,    0.00)  DC
          5TH HIGHEST VALUE IS      21.30460 AT (  594922.52,  4131301.33,
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36.05,    36.05,    0.00)  DC
          6TH HIGHEST VALUE IS      20.77307 AT (  594817.52,  4131401.33,
35.40,    35.40,    0.00)  DC
          7TH HIGHEST VALUE IS      16.43040 AT (  594782.52,  4131401.33,
35.50,    35.50,    0.00)  DC
          8TH HIGHEST VALUE IS      14.66892 AT (  594852.52,  4131401.33,
35.50,    35.50,    0.00)  DC
          9TH HIGHEST VALUE IS      13.29077 AT (  594887.52,  4131251.33,
36.28,    36.28,    0.00)  DC
         10TH HIGHEST VALUE IS      13.07276 AT (  594922.52,  4131251.33,
36.21,    36.21,    0.00)  DC

OFFSITE1  1ST HIGHEST VALUE IS      29.49696 AT (  594782.52,  4131301.33,
36.32,    36.32,    0.00)  DC
          2ND HIGHEST VALUE IS      29.16998 AT (  594747.52,  4131301.33,
36.41,    36.41,    0.00)  DC
          3RD HIGHEST VALUE IS      28.19676 AT (  594712.52,  4131301.33,
36.20,    36.20,    0.00)  DC
          4TH HIGHEST VALUE IS      26.88889 AT (  594677.52,  4131301.33,
36.26,    36.26,    0.00)  DC
          5TH HIGHEST VALUE IS      24.93674 AT (  594782.52,  4131251.33,
36.38,    36.38,    0.00)  DC
          6TH HIGHEST VALUE IS      24.85669 AT (  594817.52,  4131251.33,
36.41,    36.41,    0.00)  DC
          7TH HIGHEST VALUE IS      24.55375 AT (  594747.52,  4131251.33,
36.55,    36.55,    0.00)  DC
          8TH HIGHEST VALUE IS      24.20222 AT (  594852.52,  4131251.33,
36.28,    36.28,    0.00)  DC
          9TH HIGHEST VALUE IS      23.61876 AT (  594642.52,  4131301.33,
36.45,    36.45,    0.00)  DC
         10TH HIGHEST VALUE IS      23.19841 AT (  594712.52,  4131251.33,
36.54,    36.54,    0.00)  DC

OFFSITE2  1ST HIGHEST VALUE IS      50.76102 AT (  594852.52,  4131301.33,
36.20,    36.20,    0.00)  DC
          2ND HIGHEST VALUE IS      46.45457 AT (  594782.52,  4131351.33,
35.90,    35.90,    0.00)  DC
          3RD HIGHEST VALUE IS      31.15780 AT (  594782.52,  4131301.33,
36.32,    36.32,    0.00)  DC
          4TH HIGHEST VALUE IS      23.33690 AT (  594887.52,  4131301.33,
36.06,    36.06,    0.00)  DC
          5TH HIGHEST VALUE IS      20.67709 AT (  594852.52,  4131251.33,
36.28,    36.28,    0.00)  DC
          6TH HIGHEST VALUE IS      18.19308 AT (  594782.52,  4131401.33,
35.50,    35.50,    0.00)  DC
          7TH HIGHEST VALUE IS      17.85213 AT (  594887.52,  4131251.33,
36.28,    36.28,    0.00)  DC
          8TH HIGHEST VALUE IS      16.67091 AT (  594747.52,  4131351.33,
35.89,    35.89,    0.00)  DC
          9TH HIGHEST VALUE IS      14.33723 AT (  594817.52,  4131401.33,
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35.40,    35.40,    0.00)  DC
         10TH HIGHEST VALUE IS      12.84308 AT (  594747.52,  4131401.33,
35.54,    35.54,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     143.01499 AT (  594852.52,  4131301.33,
36.20,    36.20,    0.00)  DC
          2ND HIGHEST VALUE IS      79.33909 AT (  594887.52,  4131301.33,
36.06,    36.06,    0.00)  DC
          3RD HIGHEST VALUE IS      78.49444 AT (  594782.52,  4131351.33,
35.90,    35.90,    0.00)  DC
          4TH HIGHEST VALUE IS      70.79361 AT (  594782.52,  4131301.33,
36.32,    36.32,    0.00)  DC
          5TH HIGHEST VALUE IS      53.66380 AT (  594852.52,  4131251.33,
36.28,    36.28,    0.00)  DC
          6TH HIGHEST VALUE IS      53.56216 AT (  594887.52,  4131251.33,
36.28,    36.28,    0.00)  DC
          7TH HIGHEST VALUE IS      47.13172 AT (  594887.52,  4131351.33,
35.66,    35.66,    0.00)  DC
          8TH HIGHEST VALUE IS      43.12637 AT (  594922.52,  4131251.33,
36.21,    36.21,    0.00)  DC
          9TH HIGHEST VALUE IS      43.00648 AT (  594747.52,  4131301.33,
36.41,    36.41,    0.00)  DC
         10TH HIGHEST VALUE IS      42.34169 AT (  594817.52,  4131251.33,
36.41,    36.41,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
              **

                                                    DATE
                                         NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -

ONSITE   HIGH   1ST HIGH VALUE IS    1678.66331  ON 17101908: AT (  594852.52,
4131401.33,    35.50,    35.50,    0.00)  DC

OFFSITE1 HIGH   1ST HIGH VALUE IS     646.94138  ON 14010609: AT (  594782.52,
4131301.33,    36.32,    36.32,    0.00)  DC

OFFSITE2 HIGH   1ST HIGH VALUE IS    1994.94934  ON 17101908: AT (  594817.52,
4131401.33,    35.40,    35.40,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS    2880.17594  ON 17101908: AT (  594817.52,
4131401.33,    35.40,    35.40,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 22112  ***   *** C:\Lakes\AERMOD
View\PATHWest_Cons\PATHWest_Cons.isc                ***        01/18/24
 *** AERMET - VERSION  18081 ***   ***
                       ***        16:11:41

                                  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          930 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          530 Calm Hours Identified

 A Total of          400 Missing Hours Identified (  0.91 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     554       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     554       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
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**********************************
*** AERMOD Finishes Successfully ***
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