

# Health Risk Assessment Moreno Valley Mall Redevelopment Project City of Moreno Valley, California



Prepared by: **Kimley-Horn and Associates, Inc.**3880 Lemon Street, Suite 420

Riverside, California 92501 *Contact: Mr. Alex Pohlman*951.543.9868

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# **APPENDIX**

Appendix A: Modeling Data

#### **LIST OF ABBREVIATED TERMS**

A absorption factor from inhalation
ACES Advanced Collaborative Emissions Study

ASF age sensitivity factor

AB Assembly Bill

APN Assessor's Parcel Number
APS auxiliary power system

AT averaging time

AQMP Air Quality Management Plan ATCM Air Toxic Control Measure CARB California Air Resources Board

CCAA California Clean Air Act

CEQA California Environmental Quality Act

CPF cancer potency factor

 $C_{air}$  air concentration from model  $C_i$  air concentration of substance

DBR daily breathing rate

DOORS Diesel Off-Road Reporting System

DPM Diesel Particulate Matter
DRRP Diesel Risk Reduction Plan
Dose-air does through inhalation
du/ac dwelling units per acre
EMFAC Emissions Factor Model
ED exposure duration
EF exposure frequency

°F Fahrenheit

FCAA Federal Clean Air Act

FAH fraction of time spent at home

GSP gross state product

GVWR gross vehicle weight rating HAP hazardous air pollutant

HQ health quotient

HRA health risk assessment

kg kilograms L liter

MATES Multiple Air Toxics Exposure Study
MICR Maximum Individual Cancer Risk

mg milligrams

µg/m³ micrograms per cubic meter
MSAT Mobile Source Air Toxic

NAAQS National Ambient Air Quality Standards

NED National Elevation Dataset

NESHAP National Emissions Standards for Hazardous Air Pollutants

NO<sub>2</sub> nitrogen dioxide NO<sub>x</sub> nitrogen oxides

# LIST OF ABBREVIATED TERMS (CONTINUED)

O<sub>3</sub> ozone

OEHHA Office Environmental Health Hazard Assessment

PM particulate matter

 $PM_{10}$  particulate matter less than 10 microns in diameter  $PM_{2.5}$  particulate matter less than 2.5 microns in diameter

PERP Portable Equipment Registration Program

REL Reference Exposure Level

REL<sub>i</sub> Reference Exposure Level of substance

Risk<sub>inh-res</sub> residential inhalation cancer risk

SB Senate Bill

SCAB South Coast Air Basin

SCAQMD South Coast Air Quality Management District T-BACT toxics best available control technology

TAC Toxic Air Contaminant

U.S. EPA United States Environmental Protection Agency

VMT vehicle miles traveled VOC volatile organic compound

# 1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Diesel Particulate Matter (DPM) resulting from the implementation of the Moreno Valley Mall Redevelopment Project ("Project" or "proposed Project") in the City of Moreno Valley. This HRA was prepared in accordance with the requirements of the South Coast Air Quality Management District (SCAQMD) *Modeling Guidance for AERMOD*, SCAQMD *Risk Assessment Procedures*, and the Office of Environmental Health Hazard Assessment (OEHHA) *Air Toxics Hot Spots Program Risk Assessment Guidance Manual for Preparation of Health Risk Assessments* (February 2015), to determine if health risks are likely to occur from the Project. Technical data is included in <u>Appendix A: Modeling Data</u>.

Pursuant to California Building Industry Association v. Bay Area Air Quality Management District (2015) 62 Cal.4th 369, Case No. S213478, agencies are not required to analyze the CEQA impact of existing environmental conditions on a project's future users or residents, unless the proposed project risks exacerbate those environmental hazards or conditions that already exist. Nevertheless, the following mobile source health risk analysis has been prepared as an information item for land use decision making but is not a CEQA required analysis condition.

# 1.1 Project Location and Setting

The Project site is located within the northwestern portion of the City within the County of Riverside (County) at 22500 Town Circle, Moreno Valley. The approximately 58.6-acre site is located south of I-60, north of Towngate Boulevard, and west of Frederick Street. Town Circle is a loop road that borders the site. The following Assessor Parcel Numbers (APNs) are associated with the Project site: 291-110-032, 291-110-033, 291-110-034, and 291-110-035. Regional access to the site is provided via Frederick Street and Day Street from SR-60 and Eucalyptus Avenue from I-215, (see Exhibit 1: Regional Location Map and Exhibit 2: Project Vicinity Map).

# 1.2 Project Description

The Project proposes revitalization and redevelopment of a portion of the existing Moreno Valley Mall (excluding the existing JC Penny and Macy's parcels). The intent of the proposed Project is to plan and integrate multiple uses across the site that enable crossover of professional, shopping, and resident populations. To this end, the Project site would be divided into 14 parcels. Each use is intended to grow density and increase value and attraction of the original commercial Mall. Key features of the concept plan include the following:

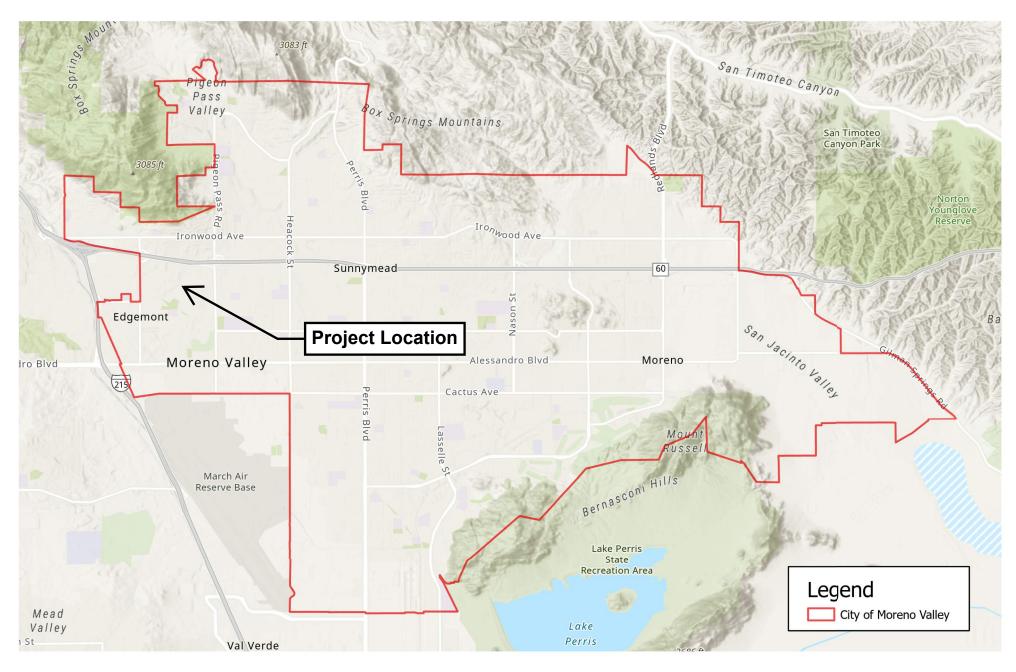
- Residential North West: There is approximately 250 multi-family units proposed amongst two
  residential buildings in the northwest corner of the site, adjacent to the Theater and existing twolevel parking structure.
- Residential South East: There is approximately 1,500 multi-family units proposed in the south east
  portion of the site. The three residential buildings would be proposed in three phases and
  interconnected by pedestrian scaled streetscapes. To this end, the existing Mall Ring Road is
  proposed to be narrowed between new residential and existing residential uses outside of the
  Project site to the south. A commons greenway is proposed to connect this residential district to
  the existing Mall's southeast entry.

- Hospitality: There are two hotels proposed in the North East parking field of the site. The two hotels would operate jointly out of one building. One hotel would have a capacity of 120 keys, and the second hotel would have a capacity of 150 keys with an event/conference space.
- New Parking Structure: The existing/vacant 'Gottshalks' anchor building is proposed to maintain
  the majority of its commercial/retail square footage and a wrap parking structure shall be added.
  The new parking will serve Mall customers, and Hospitality/Event parking from both upper-level
  connections and lower parking field access to the west side of the structure.
- Entertainment: The north lower-level parking field will be re-planned to accommodate an exterior entry/exit to the Theater, and a new outdoor dining patio for multiple tenants.
- Transit Center: The Transit Center is proposed to be relocated to the northern portion of the Project site on Town Circle to serve and connect various user populations which may include resident, workforce, student, and shopping/business markets.
- Food Market: The existing Mall "Food Court" is planned to be redeveloped into a new interior and exterior "pavilion" Food Market.
- Existing Mall: This existing Mall interior is intended to be re-modeled to match the new level of
  development, variety and pedestrian connections across the entire site. Various entries, exterior
  facades, interior bridges, common restrooms, and re-planned tenant square footage will all be
  part of the vision that ties the Specific Plan Amendment together.

<u>Exhibit 3: Conceptual Site Plan</u>, provide the overall vision for the Project and the development of the anticipated residential, hospitality, office, and commercial uses.

# Construction/Operation

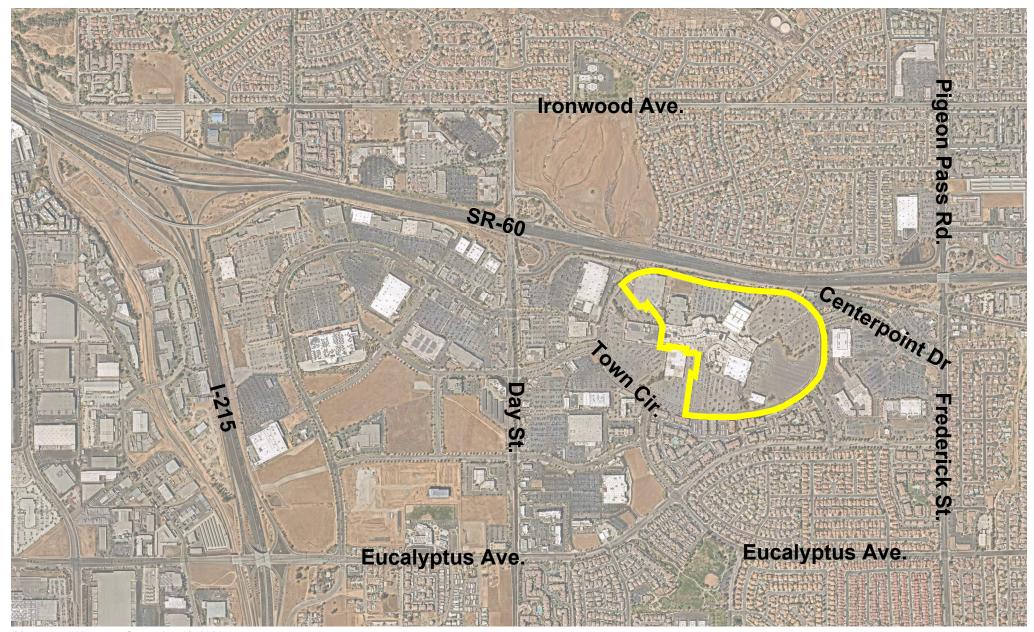
Construction is expected to be initiated in early 2023 and completed by mid-2026. Hours of operation would be specified in the Specific Plan and EIR, generally anticipated to be 24 hours per day, 7 days per week for the hotel and residential uses, late night for the Theater and dining area (similar to current theater operations), with typical retail store hours for the interior mall and Food Market.



Source: ESRI, 2022



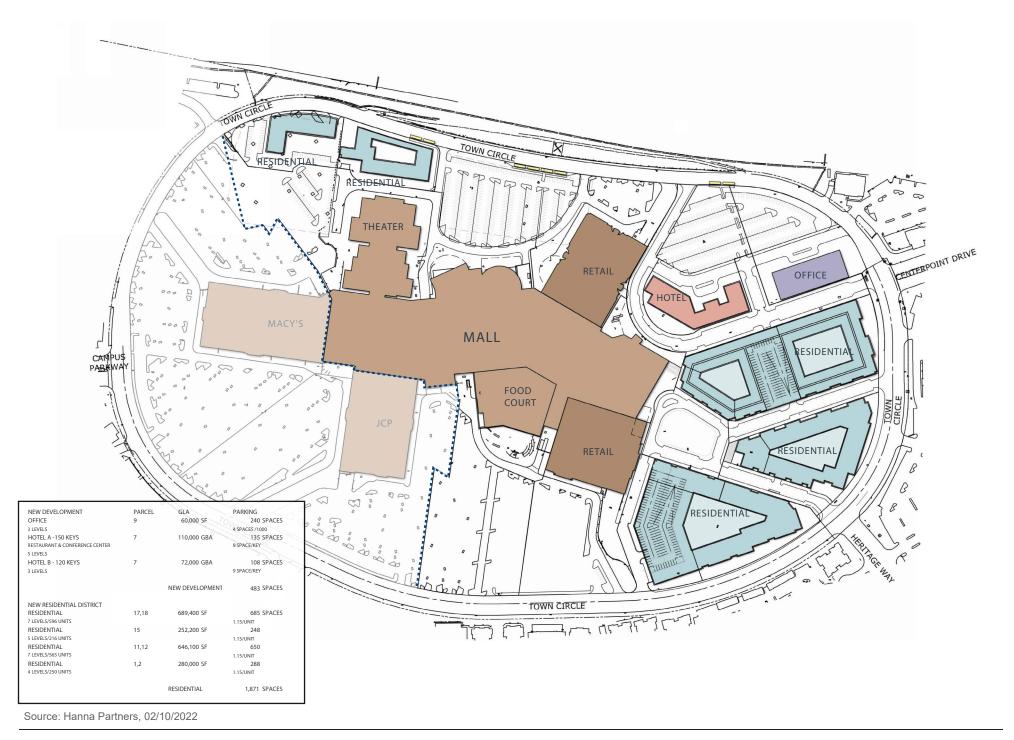


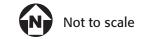


Map source: Nearmap, September 18, 2021

Project Site









# 2 ENVIRONMENTAL SETTING

# 2.1 Climate

The general region lies in the semi-permanent high-pressure zone of the eastern Pacific. The climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the South Coast Air Basin (SCAB) is a function of the area's natural physical characteristics (weather and topography), as well as man-made influences (development patterns and lifestyle). Factors such as wind, sunlight, temperature, humidity, rainfall, and topography all affect the accumulation and/or dispersion of pollutants throughout the SCAB. These factors along with applicable regulations are discussed below.

The average annual temperature varies little throughout the SCAB, averaging 75 degrees Fahrenheit (°F). However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have had recorded temperatures over 100°F in recent years.

# 2.2 Meteorology

Although the SCAB has a semi-arid climate, the air near the surface is moist due to the presence of a shallow marine layer. Except for infrequent periods when dry, continental air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70 percent at the coast and 57 percent in the eastern part of the SCAB. Precipitation in the SCAB is typically nine to 14 inches annually and is rarely in the form of snow or hail due to typically warm weather. The frequency and amount of rainfall is greater in the coastal areas of the SCAB.

A temperature inversion is defined as an increase in temperature with height, or to the layer within which such an increase occurs. The height of the inversion is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above sea level, the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet, the terrain prevents the pollutants from entering the upper atmosphere, resulting in a settlement in the foothill communities. Below 1,200 feet, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire SCAB. Usually, inversions are lower before sunrise than during the day. Mixing heights for inversions are lower in the summer and more persistent, being partly responsible for the high levels of ozone  $(O_3)$  observed during summer months in the SCAB. Smog in southern California is generally the result of these temperature inversions combining with coastal day winds and local mountains to contain the pollutants for long periods of time, allowing them to form secondary pollutants by reacting with sunlight. The SCAB has a limited ability to disperse these pollutants due to typically low wind speeds.

The area in which the Project is located offers clear skies and sunshine, yet is still susceptible to air inversions. These inversions trap a layer of stagnant air near the ground, where it is then further loaded with pollutants. These inversions cause haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources.

#### 2.3 Toxic Air Contaminants

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), ten 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.

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. DPM is emitted from both mobile and stationary sources. In California, onroad diesel-fueled engines contribute approximately 24 percent of the statewide total, 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. It should be noted that 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 can register their units in order to operate their equipment throughout California without having to obtain individual permits from local air districts.

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.

In its comprehensive assessment of diesel exhaust, OEHHA analyzed more than 30 studies of people who worked around diesel equipment, including truck drivers, railroad workers, and equipment operators. The studies showed these workers were more likely to develop lung cancer than workers not exposed to diesel emissions. These studies provide strong evidence that long-term occupational exposure to diesel exhaust

increases the risk of lung cancer. Using information from OEHHA's assessment, CARB estimates that diesel particle levels measured in California's air in 2000 could cause 540 "excess" cancers in a population of 1 million people over a 70-year lifetime. Other researchers and scientific organizations, including the National Institute for Occupational Safety and Health, have calculated cancer risks from diesel exhaust similar to those developed by OEHHA and CARB.

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.

Diesel engines are a major source of fine particulate pollution. 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. In California, diesel exhaust particles have been identified as a carcinogen.

# 2.4 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. For the purposes of evaluating operational impacts in this study, sensitive receptors are the on-site residents that would be located within the Project site.

# 3 REGULATORY SETTING

# 3.1 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.

# **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, are being phased in from 2008 to 2015.

#### 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. The PM emission standard of 0.01 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.

### 3.2 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 toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions. CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

#### **Diesel Risk Reduction Plan**

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.<sup>2</sup> 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.<sup>3</sup> The DRRP includes regulations to establish 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

<sup>&</sup>lt;sup>1</sup> 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.

<sup>&</sup>lt;sup>2</sup> California Air Resources Board, Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles, October 2000.

<sup>&</sup>lt;sup>3</sup> California Air Resources Board, *Overview: Diesel Exhaust & Health*, available at: https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed October 2021.

must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses would need 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 diesel particulate matter 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, would require 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.

# 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  $\mu$ g range.

#### 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 surrounding residences are located within Census Tract 6065042506, which is within the 71<sup>th</sup> percentile<sup>4</sup>. It should be noted that the CalEnviroScreen scores 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.

# **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 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.

California Office of Health Hazard Assessment, CalEnviroScreen 4.0, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed April 2022.

#### **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.

# 3.3 Regional

# **South Coast Air Quality Management District**

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

#### **Air Toxics Control Plan**

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

# **Multiple Air Toxics Exposure Study**

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

MATES V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the SCAB emissions. Therefore, MATES V study represents the baseline health risk for a cumulative analysis. MATES V estimates the average excess cancer risk level from exposure to TACs is 424 in one million basin wide. In comparison, the MATES IV basin average risk was 897 per million. These model estimates were based on monitoring data collected at ten fixed sites within the SCAB. None of the fixed monitoring sites are near the Project site. However, MATES V has extrapolated the excess cancer

risk levels throughout the SCAB by modeling the specific grids. MATES V modeling predicted an excess cancer risk of 352 in one million for the Project area<sup>5</sup>. DPM is included in this cancer risk along with all other TAC sources. DPM accounts for 71 percent of the total risk shown in MATES V in this area.

South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/Main-Page/?data\_id=dataSource\_105-a5ba9580e3aa43508a793fac819a5a4d%3A391&views=Cancer-Risk%2CNavigate-the-map

# 4 SIGNIFICANCE CRITERIA AND METHODOLOGY

# 4.1 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. While the final determination of significance thresholds is within the purview of the lead agency pursuant to the State CEQA Guidelines, the SCAQMD recommends that the following air pollution thresholds be used by lead agencies in determining whether the impacts from the Project are significant. If the lead agency finds that the Project has the potential to exceed the air pollution thresholds, the Project should be considered significant. The thresholds for air toxic emissions are as follows.

- Cancer Risk: Emit contaminants that exceed the maximum individual cancer risk of 10 in one million.
- Non-Cancer Risk: Emit contaminants that exceed the maximum hazard quotient of 1.

Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk due to DPM exposure. This threshold serves to determine whether or not a given project has a potentially significant development-specific incremental impact. 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 toxic air contaminants 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 a million which is 100 times more than the SCAQMD's threshold of 10 in one million.

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

# 4.2 Methodology

This HRA evaluates exposure of future onsite residents and workers to DPM and Total Organic Gases (TOG) emissions along the adjacent SR-60 freeway. Due to the traffic volumes on the freeway, the resulting emissions could result in pollutant concentrations at the project site. Emissions from vehicle traffic along SR-60 were calculated using information derived from traffic count, vehicle fleet profile, vehicle speed data collected by the California Department of Transportation (Caltrans) 2020 Annual Average Daily Traffic (AADT) census<sup>6</sup>. An emission rate for PM<sub>10</sub> (DPM) and Total Organic Gases (TOG) were calculated using 2020 Caltrans traffic census data and a CARB 2021 EMission FACtor model (EMFAC)<sup>7</sup> model run for Riverside County; refer to <u>Appendix A</u>. To quantify the toxic air contaminants (TACs) associated with the TOG fraction, the CARB speciation profile provided was used. EMFAC generates emission factors in terms

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<sup>&</sup>lt;sup>6</sup> Caltrans, Traffic Census Program – Traffic Volumes, https://dot.ca.gov/programs/traffic-operations/census, April 2022.

<sup>&</sup>lt;sup>7</sup> California Air Resources Board, EMFAC 2021 Web Database, https://arb.ca.gov/emfac/, March 2022.

of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed, temperature, and relative humidity. The model was run for vehicles traveling along SR-60. The emissions rate was calculated using 2026 emissions factors since Project construction would be completed in mid-2026.

# **Dispersion Modeling**

The air dispersion modeling for the HRA was performed using the 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. Surface and upper air meteorological data is provided by the SCAQMD. Surface and upper air meteorological data from the Perris Monitoring Station was selected as being the most representative for meteorology based on proximity to the Project site.

The emission source in the model are line volume sources along SR-60. Mobile sources were modeled with two sets of volume sources. One set to characterize light-, medium-, and heavy-duty truck DPM (PM<sub>10</sub>) emissions and another set for gasoline powered automobiles TOG emissions. Heavy duty vehicle emissions were assigned a release height of 10 feet (3.7 meters), a plume height of 20 feet (6.2 meters). A release height of 10 feet resembles the average stack height for trucks and the plume height is based on U.S. EPA guidance for vehicle volume sources. For automobile sources, a release height of two feet (0.6 meters) and a plume height of 3.9 feet (1.2 meters) was used.

AERMOD was run to obtain the peak 1-hour and annual average (period) concentration in micrograms per cubic meter (μg/m³) of PM<sub>10</sub> at the future potential on-site sensitive receptors. According to the SCAQMD's Supplemental Guidelines for Preparing Risk Assessments for AB 2588, air dispersion modeling is required to estimate annual average concentrations to calculate the Maximum Individual Cancer Risk (MICR), the maximum chronic HI, the zones of impact, and excess cancer burden, 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. According to the SCAQMD, in order "to identify the maximum impacted receptors (i.e., peak cancer risk and peak hazard indices), a grid spacing of 100 meters or less must be used" (see page 16 of SCAQMD's Supplemental Guidelines). Due to the size of the project site, on-site receptors were modeled with a 35-meter grid spacing. Grid spacing of 50 meters was used for off-site receptors. 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 SCAQMD Modeling Guidance for AERMOD<sup>8</sup>.

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 the project site any one point in time. Actual 1-hour and annual average concentrations are dependent on numerous variables, particularly the number and type of equipment working at specific distances during time periods of adverse meteorology. Residents could occupy the proposed on-site housing for over 30 years. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the

<sup>&</sup>lt;sup>8</sup> South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, March 2022.

standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the site was assessed.

#### Risk and Hazard Assessment

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

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

Dose-air = dose through inhalation (mg/kg/day)

 $C_{air}$  = air concentration ( $\mu g/m^3$ ) from air dispersion model

(DBR/BW) = daily breathing rate normalized to body weight (L/kg bodyweight-day)

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. 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. The factors used in the health risk assessment are shown in <u>Table 1: Age Sensitivity Factors, Fraction of Time at Home, and Daily Breathing Rates</u>.

Table 1: Age Sensitivity Factors, Fraction of Time at Home, and Daily Breathing Rates									
Age	Exposure Frequency (days/year)	Exposure Duration (years)	Age Sensitivity Factor <sup>1</sup> (ASF)	Fraction of Time at Home (FAH)	Daily Breathing Rate (L/kg BW-day <sup>2</sup> )				
Residents									
Third trimester	350	0.25	10	85%	361				
0 to 2 years	350	2	10	85%	1,090				
Ages 2 through 15 years	350	14	3	72%	745				
Ages 16 and greater	350	14	1	73%	335				
Workers <sup>3</sup>	250	25	1	N/A	230				
Students <sup>3</sup>	180	9	3	N/A	640				

<sup>1.</sup> Accounts for potential increased sensitivity to carcinogens during childhood.

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):

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

<sup>2. 95&</sup>lt;sup>th</sup> percentile daily breathing rate normalized to body weight (L/kg body weight - day).

<sup>3.</sup> Worker and Student breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.

Risk<sub>inh-res</sub> = residential inhalation cancer risk (potential chances per million)

Dose<sub>air</sub> = daily dose through inhalation (mg/kg-day)

CPF = inhalation cancer potency factor (mg/kg-day<sup>-1</sup>)

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)

<u>Chronic Non-Cancer Hazard</u>. 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. The following equation was used to determine the non-cancer risk:

# Hazard Quotient = C<sub>i</sub>/REL<sub>i</sub>

$C_i =$	concentration in the air of substance i (annual average concentration in $\mu g/m^3$ )
REL <sub>i</sub> =	chronic noncancer Reference Exposure Level for substance (µg/m³)

<u>Acute Non-Cancer Hazard</u>. 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:

Acute HQ = Maximum Hourly Air Concentration (
$$\mu g/m^3$$
) / Acute REL ( $\mu g/m^3$ )

<u>Health Risk Computation</u>. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario using CARB's Risk Assessment Stand Alone Tool (RAST). Health risk were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer health risk to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the diesel trucks accessing the proposed Project. The cancer and chronic health risks are based on the annual average concentration of  $PM_{10}$  (used as a proxy for DPM). As DPM does not have short-term toxicity values, acute risks were conservatively evaluated using hourly  $PM_{10}$  concentrations and the REL for acrolein. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual (2015).

# 5 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Diesel exhaust is composed of two phases, either gas or particulate – both contribute to the risk. The gas phase is composed of many of the urban TACs, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particulate phase has many different types that can be classified by size or composition. The sizes of diesel particulates of greatest health concern are fine and ultrafine particles. These particles may be composed of elemental carbon with adsorbed compounds such as organics, sulfates, nitrates, metals, and other trace elements. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project proposes new residences and workers near the SR-60 freeway, the operational health risk addresses potential impacts to future on-site receptors.

# 5.1 On-Site Operational Risk

The operational risk analysis evaluates impacts from the SR-60 freeway to future potential receptors located on the project site. Pursuant to California Building Industry Association v. Bay Area Air Quality Management District (2015) 62 Cal.4th 369, Case No. S213478, agencies are not required to analyze the CEQA impact of existing environmental conditions on a project's future users or residents, unless the proposed project risks exacerbate those environmental hazards or conditions that already exist. Nevertheless, the following mobile source health risk analysis has been prepared as an information item for land use decision making but is not a CEQA required analysis condition.

The pollutant concentrations modeled in AERMOD represent the exposure levels outdoors. OEHHA conservatively does not include indoor exposure adjustments for residents. However, the typical person spends the majority of time indoors rather than remaining outdoors in the same location for 24 hours a day. Therefore, the AERMOD outdoor pollutant concentrations are not representative of actual exposure at the project site. As noted in Section 3 above, CCR Title 24 Part 6 requires new development to use MERV 13 air filtration on space conditioning systems and ventilation systems that provide outside air to the occupiable space of a dwelling. A MERV 13 filter has a particle removal efficiency in the range of 80-90 percent. An 80 percent removal efficiency was conservatively used for the purposes of this study. According to the U.S. EPA's Exposure Factor Handbook (2011), on average, people spend 90 percent of their time indoors. As residents are not always indoors, the filtration's overall effectiveness accounts for the time spent outdoors, which equates to approximately three hours per day. It is noted that this is a conservative assumption for this Project, as all of the time spent outdoors would not occur at the Project site.

Based on the AERMOD outputs, the highest expected annual average diesel PM $_{10}$  emission concentrations from diesel truck traffic at the closest residential receptor on the project site would be 0.06  $\mu$ g/m $^3$  during opening year. The Project's MERV 13 air filtration systems have an average particle size removal efficiency of approximately 75 percent for 0.3 to 1.0  $\mu$ g/m $^3$  (DPM) and 90 percent for 1.0 to 10  $\mu$ g/m $^3$  (PM $_{10}$  and PM $_{2.5}$ ) based on ASHRAE Standard 52.2. The filters would be installed in residential units prior to

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California Air Resources Board Research Division and University of California, Berkeley, Activity Patterns of California Residents, May 1991. The study indicates that on average, adults and adolescents in California spent almost 15 hours per day inside their homes, and 6 hours in other indoor locations, for a total of 21 hours (87% of the day). Approximately two hours per day were spent in transit, and just over one hour per day was spent in outdoor locations.

occupancy, and maintenance with filters of the same value would be included in the Project's operation and maintenance manual. The Project's MERV 13 air filtration systems would reduce the highest expected annual average diesel  $PM_{10}$  emission concentrations conservatively by 80 percent to 0.019  $\mu g/m^3$  during opening year. The highest expected hourly TOG emission concentrations from automobile traffic at the Project site would be 0.67  $\mu g/m^3$  (no reduction was applied to TOG concentrations).

<u>Table 2: On-Site Risk Assessment Results</u> shows the calculated carcinogenic risk at the Project site from DPM and TOG due to freeway emissions is 9.36 in one million for proposed on-site residents and 2.63 in one million for workers. Therefore, the carcinogenic risk associated with the Project would be less than significant. It should be noted that Project operations would not generate TACs. Therefore, there would be no impact to off-site receptors.

Table 2: On-Site Risk Assessment Results								
Exposure Scenario	Maximum Cancer Risk (Risk per Million) <sup>1,</sup>	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?					
On-Site Resident Exposure <sup>2</sup>	9.36	10	No					
On-Site Worker Exposure <sup>3</sup>	2.63	10	No					

- 1. Refer to Appendix A: Modeling Data.
- The maximum cancer for on-site residents would be experienced at Parcels 2 and 3 on the northwestern area of the Project site, approximately 170 feet south of SR-60, based on worst-case exposure durations for the Project, 95<sup>th</sup> percentile breathing rates, and 30-year averaging time.
- 3. The maximum cancer for on-site workers would be experienced at Parcel 9 on the northeastern area of the Project site, based on worst-case exposure durations for the Project, 95<sup>th</sup> percentile breathing rates, and 25-year averaging time.

# 5.2 Non-Carcinogenic Hazards

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk known as 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. 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 receptors. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts.

Acute and chronic impacts are shown in <u>Table 3: Chronic and Acute Hazards</u>. An acute or chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the acute or chronic exposure by the reference exposure level. The highest maximum chronic and acute hazard index associated with both DPM and TOG emissions at the Project site would be 0.07 and 0.004, respectively. Therefore, non-carcinogenic hazards are within acceptable limits and less than significant.

#### 5.3 Conclusion

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

exceed the project-specific thresholds to generally not be cumulatively significant. <sup>10</sup> Therefore, impacts related to health risk from the Project would be less than significant.

Table 3: Chronic and Acute Hazards Assessment Results							
Scenario	Chronic Hazard	Acute Hazard					
Residents	0.07	0.004					
Workers	0.05	0.002					
SCAQMD Threshold	1.0	1.0					
Threshold Exceeded?	No	No					
Refer to Appendix A: Modeling Data.							

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

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<sup>&</sup>lt;sup>10</sup> South Coast Air Quality Management District, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, August 2003.

# 6 REFERENCES

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# Appendix A

**Modeling Data** 

#### **Traffic Volumes**

	AADT	Percent Trucks	Truck ADT	Other Vehicle ADT	
SR-60	125,000	10.50%	13,125	111,875	
				i, https://dot.ca.gov/programs/traf	

Source	Speed (mph)	Trips (veh/day)	Length (mi)
EB Truck Traffic	55	6,563	1.89
WB Truck Traffic	55	6,563	1.89
EB Auto Traffic	65	55,938	1.89
W/B Auto Traffic	65	55 038	1 90

#### **Emissions Rates**

		2026			2027	
Source	Emission Factor (g/mi)	Emissions (g/day)	Emission Rate (g/sec)	Emission Factor (g/mi)	Emissions (g/day)	Emission Rate (g/sec)
EB Truck Traffic	1.62E-02	2.01E+02	2.33E-03	1.57E-02	1.95E+02	2.26E-03
WB Truck Traffic	1.62E-02	2.01E+02	2.33E-03	1.57E-02	1.95E+02	2.26E-03
EB Auto Traffic	2.09E-02	2.21E+03	2.55E-02	1.94E-02	2.06E+03	2.38E-02
WB Auto Traffic	2.09E-02	2.20E+03	2.55E-02	1.94E-02	2.05E+03	2.37E-02

		2029			2036			2042	
Source	<b>Emission Factor</b>	Emissions	Emission Rate	Emission Factor	Emissions	Emission Rate	Emission Factor	Emissions	Emission Rate
Source	(g/mi)	(g/day)	(g/sec)	(g/mi)	(g/day)	(g/sec)	(g/mi)	(g/day)	(g/sec)
EB Truck Traffic	1.50E-02	1.86E+02	2.15E-03	1.28E-02	1.59E+02	1.83E-03	1.17E-02	1.45E+02	1.68E-03
WB Truck Traffic	1.50E-02	1.86E+02	2.15E-03	1.28E-02	1.58E+02	1.83E-03	1.17E-02	1.45E+02	1.68E-03
EB Auto Traffic	1.72E-02	1.82E+03	2.11E-02	1.14E-02	1.20E+03	1.39E-02	8.97E-03	9.49E+02	1.10E-02
WB Auto Traffic	1.72E-02	1.82E+03	2.11E-02	1.14E-02	1.20E+03	1.39E-02	8.97E-03	9.48E+02	1.10E-02

Region Type: Sub-Area

Region: Riverside (SC) Calendar Year: 2026 Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy

DPM (Trucks)

TOG (All Other Vehicles)

g/mile

0.016219618

0.020863595

•	Calendar Y Vehicle Ca	at Model YearSpeed			Total VMT	PM10_RUNEX	Weighted
Riverside (5	2026 HHDT	Aggregate		Gasoline	24.1664097	0.000997905	0.024115771
Riverside (	2026 HHDT	Aggregate		Diesel	136463.6619	0.02149587	2933.405181
Riverside (5	2026 HHDT	Aggregate	55	Electricity	1437.367982	0	0
Riverside (5	2026 HHDT	Aggregate	55	Natural Ga	4228.884932	0.001846073	7.806830105
Riverside (5	2026 LHDT2	Aggregate	55	Gasoline	8229.302116	0.000807601	6.645994141
Riverside (5	2026 LHDT2	Aggregate	55	Diesel	19112.46367	0.018965689	362.481036
Riverside (5	2026 LHDT2	Aggregate	55	Electricity	376.9617663	0	0
Riverside (5	2026 MHDT	Aggregate	55	Gasoline	5000.706336	0.000764003	3.820552913
Riverside (5	2026 MHDT	Aggregate	55	Diesel	60521.30164	0.008848726	535.5364358
Riverside (5	2026 MHDT	Aggregate	55	Electricity	1170.42232	0	0
Riverside (	2026 MHDT	Aggregate	55	Natural Ga	818.2431823	0.000671216	0.549217644
Region C	Calendar Y Vehicle Ca	ot Model Vest Speed		Fuel	Total VMT	TOG RUNEX	Weighted
Riverside (	2026 LDA		65	Gasoline	1261050.477	0.009659542	12181.17054
Riverside (	2026 LDA 2026 LDA	Aggregate		Diesel	2830.796357	0.02006586	56.80236289
Riverside (	2026 LDA 2026 LDA	Aggregate		Electricity	962.2710885	0.02006386	0.00230209
Riverside (	2026 LDA 2026 LDA	Aggregate Aggregate		•	21938.81593	0.002566332	56.3022863
Riverside (	2026 LDT1			Gasoline	91500.16414	0.002300332	4131.627359
Riverside (	2026 LDT1 2026 LDT1	Aggregate Aggregate		Diesel	15.2754959	0.371945807	5.681656647
Riverside (	2026 LDT1 2026 LDT1			Electricity	4.096546616	0.371943807	0.081030047
Riverside (	2026 LDT1	Aggregate		Plug-in Hyk		0.002564855	0.381942658
•	2026 LDT1 2026 LDT2	Aggregate		Gasoline	569733.8654	0.002304833	7348.92251
Riverside (	2026 LDT2 2026 LDT2	Aggregate		Diesel	1972.997573	0.012898869	18.35211738
Riverside (	2026 LDT2 2026 LDT2	Aggregate		Electricity	54.23351016	0.009301642	10.33211/30
Riverside (	2026 LDT2 2026 LDT2	Aggregate		-	3338.488562	0.002565494	8.564871776
•	2026 LHDT1	Aggregate		Gasoline	77257.80577	0.002363494	1959.845956
Riverside (	2026 LHDT1 2026 LHDT1	Aggregate		Diesel	56533.20732	0.023367611	5351.413184
Riverside (		Aggregate				0.094639642	0
Riverside (	2026 LHDT1	Aggregate		Electricity	2138.653074	1.26470717	10753.88312
Riverside (	2026 MCY 2026 MDV	Aggregate		Gasoline Gasoline	8503.061715 398397.7484	0.020104721	8009.675717
Riverside (		Aggregate					
Riverside (	2026 MDV	Aggregate		Diesel	6006.427137 59.36783997	0.013904047	83.51364437
Riverside (	2026 MDV	Aggregate		Electricity		0 003565800	0
Riverside (	2026 MDV	Aggregate			2150.263324	0.002565809	5.517165764
Riverside (	2026 MH	Aggregate		Gasoline	4877.632113 2295.768375	0.047730196	232.8103383 169.8522059
Riverside (	2026 MH	Aggregate		Diesel		0.073984905	
Riverside (	2026 OBUS	Aggregate		Gasoline	2080.402318	0.061862047	
Riverside (	2026 OBUS	Aggregate		Diesel	3219.58271	0.053289991	171.5715324
Riverside (	2026 OBUS	Aggregate		Electricity	39.83373495	0	0
Riverside (	2026 OBUS	Aggregate			416.4702659	0.371592147	154.7570804
Riverside (	2026 SBUS	Aggregate		Gasoline	410.509398	0.047668442	
Riverside (	2026 SBUS	Aggregate		Diesel	233.049693	0.063474062	
Riverside (	2026 SBUS	Aggregate		Electricity	5.943707318	0	0
Riverside (	2026 SBUS	Aggregate			274.2653625	1.633960509	
Riverside (	2026 UBUS	Aggregate		Gasoline	1576.813919	0.007024663	11.07658702
Riverside (	2026 UBUS	Aggregate		Diesel	1.70477348	0.020870264	0.035579072
Riverside (	2026 UBUS	Aggregate		Electricity	2.782918172	0	0
Riverside (	2026 UBUS	Aggregate	65	Natural Ga	1764.936751	0.731350619	1290.787586

Region Type: Sub-Area

Region: Riverside (SC) Calendar Year: 2026, 2027, 2029, 2036, 2042

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy

DPM (Trucks)

TOG (All Other Vehicles)

g/mile

0.015743416

0.019424065

Dogion Colo	ndar V. Vahi	ala Cat Madal Vaai Saad		Fuel	Total \/NAT	DM10 DUNEY	Maightad
-		cle Cat Model YearSpeed			Total VMT	PM10_RUNEX 0.00089359	_
Riverside (	2027 HHD	00 0		Gasoline Diesel	18.76205928		
Riverside (	-	00 -0			120726.2357		2584.765296 0
Riverside (	2027 HHD	00 0		Electricity	2013.811382 3751.778429		-
Riverside (S	2027 HHD	00 0		Natural Ga Gasoline			5.677730278
Riverside (	2027 LHD1	00 0			6999.211522	0.000811196	
Riverside (	2027 LHD1	00 0		Diesel	16235.9775	0.01830858	297.257685
Riverside (	2027 LHD1	00 0		Electricity	544.709158		2.406002651
Riverside (	2027 MHC	00 0		Gasoline	4531.085788		3.496002651
Riverside (	2027 MHC	00 -0		Diesel	55076.28113		446.3842126
Riverside (	2027 MHC	00 -0		Electricity	1788.639484	_	0
Riverside (5	2027 MHC	T Aggregate	55	Natural Ga	774.6176241	0.000691749	0.535840837
Region Cale	ndar Yı Vehi	cle Cat Model YearSpeed		Fuel	Total VMT	TOG_RUNEX	Weighted
Riverside (5	2027 LDA	Aggregate	65	Gasoline	1102540.746	0.008888463	9799.892857
Riverside (	2027 LDA	Aggregate		Diesel	2251.306294		39.4049544
Riverside (5	2027 LDA	Aggregate		Electricity	1062.210104		0
Riverside (5	2027 LDA	Aggregate		Plug-in Hyk			50.71426418
Riverside (	2027 LDT1	•••		Gasoline	78899.97883	0.040351192	
Riverside (5	2027 LDT1			Diesel	8.103100627	0.352921897	2.859761647
Riverside (5	2027 LDT1	00 0		Electricity	5.359558453	0	0
Riverside (5	2027 LDT1			Plug-in Hyt	163.5890901	0.002565663	0.41971448
Riverside (5	2027 LDT2	00 0		Gasoline	509936.1573		6051.965008
Riverside (5	2027 LDT2		65	Diesel	1791.497546	0.008630001	15.46062602
Riverside (5	2027 LDT2		65	Electricity	65.46948467		0
Riverside (5	2027 LDT2			Plug-in Hyk	3246.87047	0.002566352	8.332612176
Riverside (5	2027 LHD1			Gasoline	77652.87223	0.022686114	1761.6419
Riverside (5	2027 LHD1	•••	65	Diesel	54972.65644		4873.549258
Riverside (5	2027 LHD1	Γ1 Aggregate	65	Electricity	3593.691255	0	0
Riverside (5	2027 MCY		65	Gasoline	7363.098824	1.227680678	9039.534159
Riverside (5	2027 MDV		65	Gasoline	347824.7616	0.018034978	6273.012039
Riverside (5	2027 MDV		65	Diesel	5113.405928	0.012608542	64.47259227
Riverside (5	2027 MDV	' Aggregate	65	Electricity	70.71383218	0	0
Riverside (5	2027 MDV		65	Plug-in Hyk	2083.731445	0.002566654	5.348216632
Riverside (5	2027 MH	Aggregate	65	Gasoline	4353.142946	0.042201376	183.7086244
Riverside (5	2027 MH	Aggregate	65	Diesel	2084.676205	0.072644392	151.4400349
Riverside (5	2027 OBU	S Aggregate	65	Gasoline	1616.56938	0.054375879	87.9023804
Riverside (5	2027 OBU		65	Diesel	2691.753115	0.050431253	135.7484816
Riverside (5	2027 OBU	S Aggregate	65	Electricity	51.2474649	0	0
Riverside (5	2027 OBU	S Aggregate	65	Natural Ga	350.429035	0.379115076	132.8529302
Riverside (5	2027 SBUS	S Aggregate	65	Gasoline	412.1907676	0.046474524	19.15636952
Riverside (5	2027 SBUS	S Aggregate	65	Diesel	225.2145571	0.062588951	14.09594293
Riverside (5	2027 SBUS	S Aggregate	65	Electricity	9.715499884	0	0
Riverside (5	2027 SBUS	S Aggregate	65	Natural Ga	279.2898161	1.614409053	450.8880076
Riverside (5	2027 UBU	S Aggregate	65	Gasoline	1457.603855	0.006361414	9.272421206
Riverside (5	2027 UBU	S Aggregate	65	Diesel	1.346958162	0.020870264	0.028111372
Riverside (5	2027 UBU	S Aggregate	65	Electricity	4.02584486	0	0
Riverside (5	2027 UBU	S Aggregate	65	Natural Ga	1395.971992	0.734258931	1025.004903

DPM (Trucks) Region Type: Sub-Area

0.014999385 Region: Riverside (SC) TOG (All Other Vehicles) 0.017221951

Calendar Year: 2026, 2027, 2029, 2036, 2042

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy

g/mile

Region Cale	andar V. Vohiclo C	at Model Yea Speed	Fuel	Total VMT	PM10 RUNEX	Weighted
Riverside (	2029 HHDT	Aggregate	55 Gasoline	15.74639789	_	0.014093067
Riverside (:	2029 HHDT	Aggregate	55 Diesel	124393.0644		2643.540739
Riverside (	2029 HHDT	Aggregate	55 Electricity	4423.229864		0
Riverside (	2029 HHDT	Aggregate	55 Natural Ga			•
Riverside (	2029 LHDT2	Aggregate	55 Gasoline	6701.319567	0.0001723003	
Riverside (	2029 LHDT2	Aggregate	55 Diesel	15538.96875	0.017169859	266.8019044
Riverside (	2029 LHDT2	Aggregate	55 Electricity	1194.554602		0
Riverside (	2029 MHDT	Aggregate	55 Gasoline	4392.328392		•
Riverside (	2029 MHDT	Aggregate	55 Diesel	54770.31508		
Riverside (	2029 MHDT	Aggregate	55 Electricity	4441.535553		0
Riverside (	2029 MHDT	Aggregate	•	810.9161365		0.587193074
Region Cale	endar Yı Vehicle C	at Model Yea Speed	Fuel	Total VMT	TOG_RUNEX	Weighted
Riverside (5	2029 LDA	Aggregate	65 Gasoline	1104600.532	0.00767931	8482.569474
Riverside (5	2029 LDA	Aggregate	65 Diesel	1847.392938	0.01377268	25.44355248
Riverside (5	2029 LDA	Aggregate	65 Electricity	1248.82409	0	0
Riverside (5	2029 LDA	Aggregate	65 Plug-in Hyb	20624.57168	0.002566807	52.93930292
Riverside (5	2029 LDT1	Aggregate	65 Gasoline	77243.01472	0.032165363	2484.549626
Riverside (5	2029 LDT1	Aggregate	65 Diesel	3.508784757	0.345125846	1.210972307
Riverside (5	2029 LDT1	Aggregate	65 Electricity	8.507260011	0	0
Riverside (	2029 LDT1	Aggregate	65 Plug-in Hyb	241.9285354	0.002565416	0.620647442
Riverside (5	2029 LDT2	Aggregate	65 Gasoline	532312.0037	0.010247135	5454.672947
Riverside (	2029 LDT2	Aggregate	65 Diesel	1912.006811	0.008071086	15.43197214
Riverside (	2029 LDT2	Aggregate	65 Electricity	90.32930078	0	0
Riverside (	2029 LDT2	Aggregate	65 Plug-in Hyb	3919.506605	0.002565986	10.0574004
Riverside (5	2029 LHDT1	Aggregate	65 Gasoline	75710.9599	0.017188121	1301.329163
Riverside (5	2029 LHDT1	Aggregate	65 Diesel	52177.42606	0.077855789	4062.314688
Riverside (5	2029 LHDT1	Aggregate	65 Electricity	7888.072148	0	0
Riverside (5	2029 MCY	Aggregate	65 Gasoline	7257.96939		8438.258582
Riverside (5	2029 MDV	Aggregate	65 Gasoline	347867.5435		5159.121966
Riverside (5	2029 MDV	Aggregate	65 Diesel	4863.826487		50.06516975
Riverside (	2029 MDV	Aggregate	65 Electricity	93.85597209		0
Riverside (	2029 MDV	Aggregate	65 Plug-in Hyb			
Riverside (5	2029 MH	Aggregate	65 Gasoline	3865.882797	0.03088316	119.3906779
Riverside (	2029 MH	Aggregate	65 Diesel	1965.385276	0.06924485	136.0928087
Riverside (	2029 OBUS	Aggregate	65 Gasoline	1464.953622		63.48981801
Riverside (	2029 OBUS	Aggregate	65 Diesel	2721.522003	0.046309706	_
Riverside (	2029 OBUS	Aggregate	65 Electricity	117.8697111		0
Riverside (	2029 OBUS	Aggregate		368.2980542		
Riverside (	2029 SBUS	Aggregate	65 Gasoline	411.8022707	0.043260483	17.814765
Riverside (	2029 SBUS	Aggregate	65 Diesel	207.4713775	0.060292705	
Riverside (	2029 SBUS	Aggregate	65 Electricity	23.67188362		0
Riverside (	2029 SBUS	Aggregate		286.4725853		452.5747007
Riverside (	2029 UBUS	Aggregate	65 Gasoline	1379.45152		7.626079532
Riverside (	2029 UBUS	Aggregate	65 Electricity	597.4036924		0
Riverside (5	2029 UBUS	Aggregate	ьь Natural Ga	893.5651277	2.50/94113	2241.008737

Region Type: Sub-Area Region: Riverside (SC)

Calendar Year: 2026, 2027, 2029, 2036, 2042

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy

DPM (Trucks)

TOG (All Other Vehicles)

g/mile

0.012769528

0.011356028

Region Ca	lendar Y	Vehicle	Cat Model Year Speed		Fuel	Total VMT	PM10 RUNEX	Weighted
Riverside (		HHDT	Aggregate	55	Gasoline	13.22323929	0.00079083	ū
Riverside (	2036	HHDT	Aggregate		Diesel	164498.2192	0.020423788	3359.676736
Riverside (	2036	HHDT	Aggregate	55	Electricity	22015.90404	0	0
Riverside (	2036	HHDT	Aggregate	55	Natural Ga	5023.994285	0.001656688	8.323190474
Riverside (	2036	LHDT2	Aggregate	55	Gasoline	6286.100623	0.000853614	5.365905143
Riverside (	2036	LHDT2	Aggregate	55	Diesel	13901.5916	0.015142334	210.5025423
Riverside (5	2036	LHDT2	Aggregate	55	Electricity	6015.849518	0	0
Riverside (	2036	MHDT	Aggregate	55	Gasoline	3973.933608	0.000818952	3.25446224
Riverside (5	2036	MHDT	Aggregate	55	Diesel	54347.80917	0.005086428	276.4362341
Riverside (5	2036	MHDT	Aggregate	55	Electricity	25630.48951	0	0
Riverside (5	2036	MHDT	Aggregate	55	Natural Ga	911.3231621	0.00079557	0.725021147
			0.14				TOO 5111151/	
_			Cat Model Year Speed		Fuel	Total VMT	TOG_RUNEX	Weighted
Riverside (	2036		Aggregate		Gasoline	1264527.91	0.005257159	6647.824817
Riverside (	2036		Aggregate		Diesel	1063.231099	0.006650687	7.071217585
Riverside (	2036		Aggregate		Electricity	1748.596503	0	0
Riverside (	2036		Aggregate		Plug-in Hyt		0.002566412	63.36891654
Riverside (		LDT1	Aggregate		Gasoline	83910.99106	0.012940655	1085.863225
Riverside (		LDT1	Aggregate		Diesel	0.802130981	0.007611812	0.00610567
Riverside (		LDT1	Aggregate		Electricity	20.21889099	0	0
Riverside (		LDT1	Aggregate		Plug-in Hyb		0.002565933	1.485156123
Riverside (		LDT2	Aggregate		Gasoline	663964.1106	0.007156333	4751.548225
Riverside (		LDT2	Aggregate		Diesel	2478.576532	0.007806884	19.34995827
Riverside (		LDT2	Aggregate		Electricity	171.1063399	0	0
Riverside (		LDT2	Aggregate		Plug-in Hyk		0.002566117	16.94803486
Riverside (		LHDT1	Aggregate		Gasoline	70439.1477	0.004841629	341.0402128
Riverside (		LHDT1	Aggregate		Diesel	43306.08295	0.052656203	2280.333881
Riverside (		LHDT1	Aggregate		Electricity	38213.87802	1 000305380	0
Riverside (		MCY	Aggregate		Gasoline	8016.718215	1.006265286 0.00930041	8066.94525 3711.538463
Riverside (		MDV MDV	Aggregate		Gasoline Diesel	399072.5748 4768.181811	0.00930041	25.59022619
Riverside (		MDV	Aggregate		Electricity	162.906209	0.005366873	25.59022619
Riverside (		MDV	Aggregate		Plug-in Hyt		0.002566182	10.58805378
Riverside (	2036		Aggregate		Gasoline	3025.348713	0.002566182	48.01079653
Riverside (5 Riverside (5	2036		Aggregate		Diesel	1742.129258	0.013869308	
•		OBUS	Aggregate		Gasoline	983.6178325		33.50218542
Riverside (			Aggregate					92.78732699
Riverside (5 Riverside (5		OBUS	Aggregate		Diesel Electricity	2825.31392	0.032641422	92.76732099
Riverside (:		OBUS OBUS	Aggregate		-	492.2602969 421.4842362	0.405677177	170.9865353
Riverside (			Aggregate		Gasoline	355.4867947	0.403077177	3.73152638
Riverside (		SBUS SBUS	Aggregate Aggregate		Diesel	128.7477195	0.010490948	
Riverside (		SBUS			Electricity	132.9503211	0.030282323	4.071200378
Riverside (:		SBUS	Aggregate		Natural Ga		1.466705916	_
Riverside (		UBUS	Aggregate Aggregate		Gasoline	1316.380758	0.003219853	4.238552258
Riverside (		UBUS	Aggregate		Electricity	1278.732474	0.003219833	4.236332236
Riverside (:		UBUS			•	552.0812966	3.613186271	_
miverside (:	2030	0003	Aggregate	US	ivatulal Gd	222.0012300	3.0131002/1	1334.//2301

Region Type: Sub-Area Region: Riverside (SC) DPM (Trucks)
TOG (All Other Vehicles)

g/mile

0.011702708

0.008971324

Calendar Year: 2026, 2027, 2029, 2036, 2042

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy

Pogion Calou	ndar V. Vahisla C	at Model Yea Speed	Euol	Total VMT	PM10 RUNEX	Woightod
•		•	Fuel		_	J
Riverside (5 Riverside (5	2042 HHDT 2042 HHDT	Aggregate	55 Gasoline 55 Diesel	10.8409395		
	2042 HHDT	Aggregate	55 Electricity	179702.2825 34502.83347		0
Riverside (5 Riverside (5	2042 HHDT	Aggregate	55 Natural Ga			_
Riverside (:	2042 HHDT2	Aggregate	55 Gasoline	5036.263395		
•		Aggregate		10729.63355		
Riverside (	2042 LHDT2 2042 LHDT2	Aggregate	55 Diesel	9223.266067		149.8099066
Riverside (	2042 LHDTZ 2042 MHDT	Aggregate	55 Electricity 55 Gasoline			_
Riverside (	2042 MHDT	Aggregate	55 Diesel	3119.492127 48521.43603		
Riverside ( Riverside (	2042 MHDT	Aggregate	55 Electricity	42407.87066		219.4107903
•	2042 MHDT	Aggregate	•	826.8699412		_
Riverside (	2042 MHD1	Aggregate	55 Natural Ga	820.8699412	0.000834361	0.689907918
Region Caler	ndar Yı Vehicle C	at Model Yea Speed	Fuel	Total VMT	TOG_RUNEX	Weighted
Riverside (5	2042 LDA	Aggregate	65 Gasoline	1570678.748	<del>-</del>	=
Riverside (	2042 LDA	Aggregate	65 Diesel	1002.420076	0.004223435	4.233655796
Riverside (	2042 LDA	Aggregate	65 Electricity	1953.303385	0	0
Riverside (	2042 LDA	Aggregate	65 Plug-in Hyl	30329.33935	0.002566202	77.83120277
Riverside (	2042 LDT1	Aggregate	65 Gasoline	101338.6239	0.005761583	583.8709274
Riverside (	2042 LDT1	Aggregate	65 Diesel	1.12423416	0.007740665	0.00870232
Riverside (	2042 LDT1	Aggregate	65 Electricity	26.52128569	0	0
Riverside (	2042 LDT1	Aggregate	65 Plug-in Hyl	900.177504	0.002566097	2.309942871
Riverside (	2042 LDT2	Aggregate	65 Gasoline	843089.6675	0.005876848	4954.709559
Riverside (	2042 LDT2	Aggregate	65 Diesel	3197.851382	0.007791389	24.91570345
Riverside (	2042 LDT2	Aggregate	65 Electricity	209.7833327	0	0
Riverside (	2042 LDT2	Aggregate	65 Plug-in Hyl	9176.563762	0.002566141	23.54835693
Riverside (	2042 LHDT1	Aggregate	65 Gasoline	66092.09088	0.002420045	159.9458428
Riverside (	2042 LHDT1	Aggregate	65 Diesel	38438.00286	0.038742922	1489.200529
Riverside (5	2042 LHDT1	Aggregate	65 Electricity	67731.55821	0	0
Riverside (5	2042 MCY	Aggregate	65 Gasoline	9731.139414	0.942017435	9166.902992
Riverside (5	2042 MDV	Aggregate	65 Gasoline	493859.8635	0.007144741	3528.500789
Riverside (5	2042 MDV	Aggregate	65 Diesel	5494.697412	0.003785283	20.79898418
Riverside (5	2042 MDV	Aggregate	65 Electricity	196.0370846	0	0
Riverside (5	2042 MDV	Aggregate	65 Plug-in Hyb	5768.553281	0.002566167	14.80307139
Riverside (5	2042 MH	Aggregate	65 Gasoline	2939.281961	0.011592599	34.07391665
Riverside (5	2042 MH	Aggregate	65 Diesel	1736.392172	0.036800128	63.89945339
Riverside (5	2042 OBUS	Aggregate	65 Gasoline	763.6799697	0.030766108	23.4954606
Riverside (5	2042 OBUS	Aggregate	65 Diesel	2911.93152	0.022825587	66.46654716
Riverside (5	2042 OBUS	Aggregate	65 Electricity	729.2239582	0	0
Riverside (5	2042 OBUS	Aggregate	65 Natural Ga	452.0431353	0.411957958	186.222767
Riverside (5	2042 SBUS	Aggregate	65 Gasoline	206.9499407	0.010190121	2.10884488
Riverside (5	2042 SBUS	Aggregate	65 Diesel	85.3040385	0.014389454	1.227478546
Riverside (5	2042 SBUS	Aggregate	65 Electricity	241.2952156	0	0
Riverside (5	2042 SBUS	Aggregate	65 Natural Ga	235.3053819	1.330675631	313.1151375
Riverside (5	2042 UBUS	Aggregate	65 Gasoline	1592.400286	0.001733933	2.761115471
Riverside (5	2042 UBUS	Aggregate	65 Electricity	2059.06765	0	0
Riverside (5	2042 UBUS	Aggregate	65 Natural Ga	441.4877467	4.408036009	1946.093885

2026 (3rd, ED 0.25)

				HARP 2 Risk				HARP 2 Risk	
				Outdoor				With Fraction of Tin	ne Indoors
D-	 3	 	. 1 3		C	Character.	A	C	Chunui.

		Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollutant	Mass Fraction	AERMOD Annual	Annual MER Concentration	Aermod Hourly	Acute Concentration	CONC	INH_RISK	RESP	CONC	RESP	CONC	INH_RISK	RESP	CONC	RESP
1	9901 DPM	1	5.96E-02	5.96E-02	•		5.96E-02	4.85E-06	1.19E-02	0.00E+00	0.00E+00	1.19E-0	2 9.68E-07	2.38E-03	0.00E+00	0.00E+00
2	75070 Acetaldehyde	2.80E-03	0.6709	1.88E-03	1.81	5.07E-03	1.88E-03	1.39E-07	1.34E-03	5.07E-03	1.08E-05	1.88E-0	3 1.39E-07	1.34E-03	5.07E-03	1.08E-05
3	107028 Acrolein	1.30E-03		8.72E-04		2.35E-03	8.72E-04	0.00E+00	2.49E-03	2.35E-03	9.40E-04	8.72E-0	4 0.00E+00	2.49E-03	2.35E-03	9.40E-04
4	71432 Benzene	2.83E-02		1.90E-02		5.12E-02	1.90E-02	1.41E-07	0.00E+00	5.12E-02	0.00E+00	1.90E-0	2 1.41E-07	0.00E+00	5.12E-02	0.00E+00
5	106990 1,3-Butadiene	5.50E-03		3.69E-03		9.96E-03	3.69E-03	1.64E-07	0.00E+00	9.96E-03	0.00E+00	3.69E-0	3 1.64E-07	0.00E+00	9.96E-03	0.00E+00
6	100414 Ethyl benzene	1.17E-02		7.85E-03		2.12E-02	7.85E-03	5.05E-09	0.00E+00	2.12E-02	0.00E+00	7.85E-0	3 5.05E-09	0.00E+00	2.12E-02	0.00E+00
7	50000 Formaldehyde	1.58E-02		1.06E-02		2.86E-02	1.06E-02	1.65E-08	1.18E-03	2.86E-02	0.00E+00	1.06E-0	2 1.65E-08	1.18E-03	2.86E-02	0.00E+00
8	110543 Hexane	3.14E-02		2.11E-02		5.68E-02	2.11E-02	0.00E+00	0.00E+00	5.68E-02	0.00E+00	2.11E-0	2 0.00E+00	0.00E+00	5.68E-02	0.00E+00
9	67561 Methanol	1.20E-03		8.05E-04		2.17E-03	8.05E-04	0.00E+00	0.00E+00	2.17E-03	0.00E+00	8.05E-0	4 0.00E+00	0.00E+00	2.17E-03	0.00E+00
10	78933 Methly Ethyl Ke	tone 2.00E-04		1.34E-04		3.62E-04	1.34E-04	0.00E+00	0.00E+00	3.62E-04	2.78E-08	1.34E-0	4 0.00E+00	0.00E+00	3.62E-04	2.78E-08
11	91203 Naphthalene	5.00E-04		3.35E-04		9.05E-04	3.35E-04	2.97E-09	3.72E-05	9.05E-04	0.00E+00	3.35E-0	4 2.97E-09	3.72E-05	9.05E-04	0.00E+00
12	115071 Propylene	3.06E-02		2.05E-02		5.54E-02	2.05E-02	0.00E+00	6.83E-06	5.54E-02	0.00E+00	2.05E-0	2 0.00E+00	6.83E-06	5.54E-02	0.00E+00
13	100425 Styrene	1.20E-03		8.05E-04		2.17E-03	8.05E-04	0.00E+00	0.00E+00	2.17E-03	1.03E-07	8.05E-0	4 0.00E+00	0.00E+00	2.17E-03	1.03E-07
14	108883 Toluene	7.46E-02		5.00E-02		1.35E-01	5.00E-02	0.00E+00	0.00E+00	1.35E-01	2.70E-05	5.00E-0	2 0.00E+00	0.00E+00	1.35E-01	2.70E-05
15	1330207 Xylenes	5.38E-02		3.61E-02		9.74E-02	3.61E-02	0.00E+00	5.16E-05	9.74E-02	4.43E-06	3.61E-0	2 0.00E+00	5.16E-05	9.74E-02	4.43E-06
							Total	5.32E-06	1.70E-02		9.82E-04		1.44E-06	7.49E-03		9.82E-04
							Risk per Million	5.32					1.44			

2027-2028 (0-2, ED 2)

HARP 2 Risk Summary
Outdoor

							Outdoor	Outdoor With Fraction of Time Indoors								
		Percentage	μg/m³	μg/m³	μg/m³	μg/m³	Gutudoi	Cancer	Chronic	Acute		***************************************	Cancer	Chronic	Acute	
INDEV	POLID Pollutant	Mass Fraction	AFRMOD	Annual MER	Aermod	Acute	CONC	INH RISK	RESP	CONC	RESP	CONC	INH RISK	RESP	CONC	RESP
INDEX	POLID POllutant	IVIASS FLACTION	Annual	Concentration	Hourly	Concentration	CONC	IINU_KISK	KESP	CONC	RESP	CONC	IIVII_KISK	KESP	CONC	RESP
1	9901 DPM	1	5.78E-02	5.78E-02			5.78E-02	9.69E-06	1.16E-02	0.00E+00	0.00E+00	1.16E-02	1.94E-06	2.32E-03	0.00E+00	0.00E+00
2	75070 Acetaldehyde	2.80E-03	0.6401	1.79E-03	1.71	4.79E-03	1.79E-03	2.73E-09	1.28E-05	4.79E-03	1.02E-05	1.79E-03	2.73E-09	1.28E-05	4.79E-03	1.02E-05
3	107028 Acrolein	1.30E-03		8.32E-04		2.22E-03	8.32E-04	0.00E+00	2.38E-03	2.22E-03	8.88E-04	8.32E-04	0.00E+00	2.38E-03	2.22E-03	8.88E-04
4	71432 Benzene	2.83E-02		1.81E-02		4.84E-02	1.81E-02	2.76E-07	0.00E+00	4.84E-02	0.00E+00	1.81E-02	2.76E-07	0.00E+00	4.84E-02	0.00E+00
5	106990 1,3-Butadiene	5.50E-03		3.52E-03		9.41E-03	3.52E-03	3.22E-07	0.00E+00	9.41E-03	0.00E+00	3.52E-03	3.22E-07	0.00E+00	9.41E-03	0.00E+00
6	100414 Ethyl benzene	1.17E-02		7.49E-03		2.00E-02	7.49E-03	9.93E-09	0.00E+00	2.00E-02	0.00E+00	7.49E-03	9.93E-09	0.00E+00	2.00E-02	0.00E+00
7	50000 Formaldehyde	1.58E-02		1.01E-02		2.70E-02	1.01E-02	3.23E-08	1.12E-03	2.70E-02	0.00E+00	1.01E-02	3.23E-08	1.12E-03	2.70E-02	0.00E+00
8	110543 Hexane	3.14E-02		2.01E-02		5.37E-02	2.01E-02	0.00E+00	0.00E+00	5.37E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	5.37E-02	0.00E+00
9	67561 Methanol	1.20E-03		7.68E-04		2.05E-03	7.68E-04	0.00E+00	0.00E+00	2.05E-03	0.00E+00	7.68E-04	0.00E+00	0.00E+00	2.05E-03	0.00E+00
10	78933 Methly Ethyl Ketone	2.00E-04		1.28E-04		3.42E-04	1.28E-04	0.00E+00	0.00E+00	3.42E-04	2.63E-08	1.28E-04	0.00E+00	0.00E+00	3.42E-04	2.63E-08
11	91203 Naphthalene	5.00E-04		3.20E-04		8.55E-04	3.20E-04	5.85E-09	3.56E-05	8.55E-04	0.00E+00	3.20E-04	5.85E-09	3.56E-05	8.55E-04	0.00E+00
12	115071 Propylene	3.06E-02		1.96E-02		5.23E-02	1.96E-02	0.00E+00	6.53E-06	5.23E-02	0.00E+00	1.96E-02	0.00E+00	6.53E-06	5.23E-02	0.00E+00
13	100425 Styrene	1.20E-03		7.68E-04		2.05E-03	7.68E-04	0.00E+00	0.00E+00	2.05E-03	9.76E-08	7.68E-04	0.00E+00	0.00E+00	2.05E-03	9.76E-08
14	108883 Toluene	7.46E-02		4.78E-02		1.28E-01	4.78E-02	0.00E+00	0.00E+00	1.28E-01	2.56E-05	4.78E-02	0.00E+00	0.00E+00	1.28E-01	2.56E-05
15	1330207 Xylenes	5.38E-02		3.44E-02		9.20E-02	3.44E-02	0.00E+00	4.91E-05	9.20E-02	4.18E-06	3.44E-02	0.00E+00	4.91E-05	9.20E-02	4.18E-06
							Total	1.03E-05	1.52E-02		9.28E-04		2.59E-06	5.92E-03		9.28E-04
							Risk per Million	10.34					2.59			

2029-2035 (2-9, ED 7)	HARP 2 Risk Summary	
	Outdoor	With Fraction of Time Indoors

		Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollutan	t Mass Fraction	AERMOD	Annual MER	Aermod	Acute	CONC	INH RISK	RESP	CONC	RESP	CONC	INH RISK	RESP	CONC	RESP
			Annual	Concentration	Hourly	Concentration	1									
1	9901 DPM	1	5.50E-02	5.50E-02			5.50E-02	1.08E-05	1.10E-02	0.00E+00	0.00E+00	1.10E-0	2 2.16E-06	2.20E-03	0.00E+00	0.00E+00
2	75070 Acetalde	hyde 2.80E-03	0.5685	1.59E-03	1.52	4.26E-03	1.59E-03	2.84E-09	1.14E-05	4.26E-03	9.06E-06	1.59E-0	3 2.84E-09	1.14E-05	4.26E-03	9.06E-06
3	107028 Acrolein	1.30E-03		7.39E-04		1.98E-03	7.39E-04	0.00E+00	2.11E-03	1.98E-03	7.92E-04	7.39E-0	4 0.00E+00	2.11E-03	1.98E-03	7.92E-04
4	71432 Benzene	2.83E-02		1.61E-02		4.30E-02	1.61E-02	2.87E-07	0.00E+00	4.30E-02	0.00E+00	1.61E-0	2 2.87E-07	0.00E+00	4.30E-02	0.00E+00
5	106990 1,3-Buta	diene 5.50E-03		3.13E-03		8.36E-03	3.13E-03	3.35E-07	0.00E+00	8.36E-03	0.00E+00	3.13E-0	3.35E-07	0.00E+00	8.36E-03	0.00E+00
6	100414 Ethyl be	nzene 1.17E-02		6.65E-03		1.78E-02	6.65E-03	1.03E-08	0.00E+00	1.78E-02	0.00E+00	6.65E-0	3 1.03E-08	0.00E+00	1.78E-02	0.00E+00
7	50000 Formald	ehyde 1.58E-02		8.98E-03		2.40E-02	8.98E-03	3.36E-08	9.98E-04	2.40E-02	0.00E+00	8.98E-0	3.36E-08	9.98E-04	2.40E-02	0.00E+00
8	110543 Hexane	3.14E-02		1.79E-02		4.77E-02	1.79E-02	0.00E+00	0.00E+00	4.77E-02	0.00E+00	1.79E-0	2 0.00E+00	0.00E+00	4.77E-02	0.00E+00
9	67561 Methano	ol 1.20E-03		6.82E-04		1.82E-03	6.82E-04	0.00E+00	0.00E+00	1.82E-03	0.00E+00	6.82E-0	4 0.00E+00	0.00E+00	1.82E-03	0.00E+00
10	78933 Methly E	thyl Ketone 2.00E-04		1.14E-04		3.04E-04	1.14E-04	0.00E+00	0.00E+00	3.04E-04	2.34E-08	1.14E-0	4 0.00E+00	0.00E+00	3.04E-04	2.34E-08
11	91203 Naphtha	lene 5.00E-04		2.84E-04		7.60E-04	2.84E-04	6.08E-09	3.16E-05	7.60E-04	0.00E+00	2.84E-0	4 6.08E-09	3.16E-05	7.60E-04	0.00E+00
12	115071 Propyler	ie 3.06E-02		1.74E-02		4.65E-02	1.74E-02	0.00E+00	5.80E-06	4.65E-02	0.00E+00	1.74E-0	2 0.00E+00	5.80E-06	4.65E-02	0.00E+00
13	100425 Styrene	1.20E-03		6.82E-04		1.82E-03	6.82E-04	0.00E+00	0.00E+00	1.82E-03	8.67E-08	6.82E-0	4 0.00E+00	0.00E+00	1.82E-03	8.67E-08
14	108883 Toluene	7.46E-02		4.24E-02		1.13E-01	4.24E-02	0.00E+00	0.00E+00	1.13E-01	2.26E-05	4.24E-0	2 0.00E+00	0.00E+00	1.13E-01	2.26E-05
15	1330207 Xylenes	5.38E-02		3.06E-02		8.18E-02	3.06E-02	0.00E+00	4.37E-05	8.18E-02	3.72E-06	3.06E-0	2 0.00E+00	4.37E-05	8.18E-02	3.72E-06
							Total	1.15E-05	1.42E-02		8.27E-04		2.83E-06	5.40E-03		8.27E-04
							Risk per Million	11.46					2.83			

#### 2036-2041 (9-16, ED 7) **HARP 2 Risk Summary** Outdoor

2030-20	30-2041 (5-10, ED 7)							MARE 2 RISK Sullillary								
							Outdoor					With Frac	tion of Tim	e Indoors		
		Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollutant	Mass Fraction	AERMOD	Annual MER	Aermod	Acute	CONC	INH RISK	RESP	CONC	RESP	CONC	INH RISK	RESP	CONC	RESP
INDEX	FOLID FOILUTAIL	IVIASS FLACTION	Annual	Concentration	Hourly	Concentration	1 CONC	IIVII_KISK	RESP	CONC	RESP	CONC	IIVII_KISK	RESP	CONC	RESP
1	9901 DPM	1	4.68E-02	4.68E-02			4.68E-02	7.94E-06	9.36E-03	0.00E+00	0.00E+00	9.36E-03	1.59E-06	1.87E-03	0.00E+00	0.00E+00
2	75070 Acetaldehyde	2.80E-03	0.3657	1.02E-03	0.98	2.74E-03	1.02E-03	1.57E-09	7.29E-06	2.74E-03	5.83E-06	1.02E-03	1.57E-09	7.29E-06	2.74E-03	5.83E-06
3	107028 Acrolein	1.30E-03		4.75E-04		1.27E-03	4.75E-04	0.00E+00	1.36E-03	1.27E-03	5.08E-04	4.75E-04	0.00E+00	1.36E-03	1.27E-03	5.08E-04
4	71432 Benzene	2.83E-02		1.03E-02		2.77E-02	1.03E-02	1.59E-07	0.00E+00	2.77E-02	0.00E+00	1.03E-02	1.59E-07	0.00E+00	2.77E-02	0.00E+00
5	106990 1,3-Butadiene	5.50E-03		2.01E-03		5.39E-03	2.01E-03	1.86E-07	0.00E+00	5.39E-03	0.00E+00	2.01E-03	1.86E-07	0.00E+00	5.39E-03	0.00E+00
6	100414 Ethyl benzene	1.17E-02		4.28E-03		1.15E-02	4.28E-03	5.75E-09	0.00E+00	1.15E-02	0.00E+00	4.28E-03	5.75E-09	0.00E+00	1.15E-02	0.00E+00
7	50000 Formaldehyde	1.58E-02		5.78E-03		1.55E-02	5.78E-03	1.87E-08	6.42E-04	1.55E-02	0.00E+00	5.78E-03	1.87E-08	6.42E-04	1.55E-02	0.00E+00
8	110543 Hexane	3.14E-02		1.15E-02		3.08E-02	1.15E-02	0.00E+00	0.00E+00	3.08E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	3.08E-02	0.00E+00
9	67561 Methanol	1.20E-03		4.39E-04		1.18E-03	4.39E-04	0.00E+00	0.00E+00	1.18E-03	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.18E-03	0.00E+00
10	78933 Methly Ethyl Ketone	2.00E-04		7.31E-05		1.96E-04	7.31E-05	0.00E+00	0.00E+00	1.96E-04	1.51E-08	7.31E-05	0.00E+00	0.00E+00	1.96E-04	1.51E-08
11	91203 Naphthalene	5.00E-04		1.83E-04		4.90E-04	1.83E-04	3.39E-09	2.03E-05	4.90E-04	0.00E+00	1.83E-04	3.39E-09	2.03E-05	4.90E-04	0.00E+00
12	115071 Propylene	3.06E-02		1.12E-02		3.00E-02	1.12E-02	0.00E+00	3.73E-06	3.00E-02	0.00E+00	1.12E-02	0.00E+00	3.73E-06	3.00E-02	0.00E+00
13	100425 Styrene	1.20E-03		4.39E-04		1.18E-03	4.39E-04	0.00E+00	0.00E+00	1.18E-03	5.62E-08	4.39E-04	0.00E+00	0.00E+00	1.18E-03	5.62E-08
14	108883 Toluene	7.46E-02		2.73E-02		7.31E-02	2.73E-02	0.00E+00	0.00E+00	7.31E-02	1.46E-05	2.73E-02	0.00E+00	0.00E+00	7.31E-02	1.46E-05
15	1330207 Xylenes	5.38E-02		1.97E-02		5.27E-02	1.97E-02	0.00E+00	2.81E-05	5.27E-02	2.40E-06	1.97E-02	0.00E+00	2.81E-05	5.27E-02	2.40E-06
							Total	8.32E-06	1.14E-02		5.31E-04		1.96E-06	3.93E-03		5.31E-04
							Risk per Million	8.32					1.96			

## 2042-2056 (16-30, ED 14)

HARP 2 Risk Summary Outdoor

With F	raction	of Time	Indoors
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			Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID	Pollutant	Mass Fraction	AERMOD Annual	Annual MER Concentration	Aermod Hourly	Acute Concentration	CONC	INH_RISK	RESP	CONC	RESP	CONC	INH_RISK	RESP	CONC	RESP
1	9901	L DPM	1	4.30E-02	4.30E-02			4.30E-02	2.22E-06	8.60E-03	0.00E+00	0.00E+00	8.60E-03	4.44E-07	1.72E-03	0.00E+00	0.00E+00
2	75070	) Acetaldehyde	2.80E-03	0.2894	8.10E-04	0.78	2.18E-03	8.10E-04	3.80E-10	5.79E-06	2.18E-03	4.64E-06	8.10E-04	3.80E-10	5.79E-06	2.18E-03	4.64E-06
3	107028	3 Acrolein	1.30E-03		3.76E-04		1.01E-03	3.76E-04	0.00E+00	1.07E-03	1.01E-03	4.04E-04	3.76E-04	0.00E+00	1.07E-03	1.01E-03	4.04E-04
4	71432	2 Benzene	2.83E-02		8.19E-03		2.21E-02	8.19E-03	3.84E-08	0.00E+00	2.21E-02	0.00E+00	8.19E-03	3.84E-08	0.00E+00	2.21E-02	0.00E+00
5	106990	1,3-Butadiene	5.50E-03		1.59E-03		4.29E-03	1.59E-03	4.47E-08	0.00E+00	4.29E-03	0.00E+00	1.59E-03	4.47E-08	0.00E+00	4.29E-03	0.00E+00
6	100414	Ethyl benzene	1.17E-02		3.39E-03		9.13E-03	3.39E-03	1.38E-09	0.00E+00	9.13E-03	0.00E+00	3.39E-03	1.38E-09	0.00E+00	9.13E-03	0.00E+00
7	50000	) Formaldehyde	1.58E-02		4.57E-03		1.23E-02	4.57E-03	4.50E-09	5.08E-04	1.23E-02	0.00E+00	4.57E-03	4.50E-09	5.08E-04	1.23E-02	0.00E+00
8	110543	3 Hexane	3.14E-02		9.09E-03		2.45E-02	9.09E-03	0.00E+00	0.00E+00	2.45E-02	0.00E+00	9.09E-03	0.00E+00	0.00E+00	2.45E-02	0.00E+00
9	67561	L Methanol	1.20E-03		3.47E-04		9.36E-04	3.47E-04	0.00E+00	0.00E+00	9.36E-04	0.00E+00	3.47E-04	0.00E+00	0.00E+00	9.36E-04	0.00E+00
10	78933	Methly Ethyl Ketone	2.00E-04		5.79E-05		1.56E-04	5.79E-05	0.00E+00	0.00E+00	1.56E-04	1.20E-08	5.79E-05	0.00E+00	0.00E+00	1.56E-04	1.20E-08
11	91203	Naphthalene	5.00E-04		1.45E-04		3.90E-04	1.45E-04	8.16E-10	1.61E-05	3.90E-04	0.00E+00	1.45E-04	8.16E-10	1.61E-05	3.90E-04	0.00E+00
12	115071	L Propylene	3.06E-02		8.86E-03		2.39E-02	8.86E-03	0.00E+00	2.95E-06	2.39E-02	0.00E+00	8.86E-03	0.00E+00	2.95E-06	2.39E-02	0.00E+00
13	100425	Styrene	1.20E-03		3.47E-04		9.36E-04	3.47E-04	0.00E+00	0.00E+00	9.36E-04	4.46E-08	3.47E-04	0.00E+00	0.00E+00	9.36E-04	4.46E-08
14	108883	3 Toluene	7.46E-02		2.16E-02		5.82E-02	2.16E-02	0.00E+00	0.00E+00	5.82E-02	1.16E-05	2.16E-02	0.00E+00	0.00E+00	5.82E-02	1.16E-05
15	1330207	7 Xylenes	5.38E-02		1.56E-02		4.20E-02	1.56E-02	0.00E+00	2.23E-05	4.20E-02	1.91E-06	1.56E-02	0.00E+00	2.23E-05	4.20E-02	1.91E-06
								Total	2.31E-06	1.02E-02		4.22E-04		5.34E-07	3.35E-03		4.22E-04
								Risk per Million	2.31					0.53			
								Total	37.75	0.068041		0.003691		9.36	0.026093		0.003691

Toxic Air Contaminant Concentrations (Worst Case Worker Exposure [Parcel 9, 475334.84, 3755513.81])

2026 (ED 1)			

2026 (ED	1)						HARP 2 Risk Outdoor	(				Indoors				
		Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollutant	Mass Fraction	AERMOD Annual	Annual MER Concentration	Aermod Hourly	Acute Concentration	CONC	INH_RISK	RESP	CONC	RESP	CONC	INH_RISK	RESP	CONC	RESP
1	9901 DPM	1	4.65E-02	4.65E-02			4.65E-02	5.04E-07	9.30E-03	0.00E+00	0.00E+00	9.30E-03	1.01E-07	1.86E-03	0.00E+00	0.00E+00
2	75070 Acetaldehyde	2.80E-03	0.5177	1.45E-03	1.33	3.72E-03	1.45E-03	1.43E-10	1.04E-05	3.72E-03	7.91E-06	1.45E-03	1.43E-10	1.04E-05	3.72E-03	7.91E-06
3	107028 Acrolein	1.30E-03		6.73E-04		1.73E-03	6.73E-04	0.00E+00	1.92E-03	1.73E-03	6.92E-04	6.73E-04	0.00E+00	1.92E-03	1.73E-03	6.92E-04
4	71432 Benzene	2.83E-02		1.47E-02		3.76E-02	1.47E-02	1.45E-08	0.00E+00	3.76E-02	0.00E+00	1.47E-02	1.45E-08	0.00E+00	3.76E-02	0.00E+00
5	106990 1,3-Butadiene	5.50E-03		2.85E-03		7.32E-03	2.85E-03	1.69E-08	0.00E+00	7.32E-03	0.00E+00	2.85E-03	1.69E-08	0.00E+00	7.32E-03	0.00E+00
6	100414 Ethyl benzene	1.17E-02		6.06E-03		1.56E-02	6.06E-03	5.20E-10	0.00E+00	1.56E-02	0.00E+00	6.06E-03	5.20E-10	0.00E+00	1.56E-02	0.00E+00
7	50000 Formaldehyde	1.58E-02		8.18E-03		2.10E-02	8.18E-03	1.69E-09	9.09E-04	2.10E-02	0.00E+00	8.18E-03	1.69E-09	9.09E-04	2.10E-02	0.00E+00
8	110543 Hexane	3.14E-02		1.63E-02		4.18E-02	1.63E-02	0.00E+00	0.00E+00	4.18E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	4.18E-02	0.00E+00
9	67561 Methanol	1.20E-03		6.21E-04		1.60E-03	6.21E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00	6.21E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00
10	78933 Methly Ethyl Ketone	2.00E-04		1.04E-04		2.66E-04	1.04E-04	0.00E+00	0.00E+00	2.66E-04	2.05E-08	1.04E-04	0.00E+00	0.00E+00	2.66E-04	2.05E-08
11	91203 Naphthalene	5.00E-04		2.59E-04		6.65E-04	2.59E-04	3.07E-10	2.88E-05	6.65E-04	0.00E+00	2.59E-04	3.07E-10	2.88E-05	6.65E-04	0.00E+00
12	115071 Propylene	3.06E-02		1.58E-02		4.07E-02	1.58E-02	0.00E+00	5.27E-06	4.07E-02	0.00E+00	1.58E-02	0.00E+00	5.27E-06	4.07E-02	0.00E+00
13	100425 Styrene	1.20E-03		6.21E-04		1.60E-03	6.21E-04	0.00E+00	0.00E+00	1.60E-03	7.62E-08	6.21E-04	0.00E+00	0.00E+00	1.60E-03	7.62E-08
14	108883 Toluene	7.46E-02		3.86E-02		9.92E-02	3.86E-02	0.00E+00	0.00E+00	9.92E-02	1.98E-05	3.86E-02	0.00E+00	0.00E+00	9.92E-02	1.98E-05
15	1330207 Xylenes	5.38E-02		2.79E-02		7.16E-02	2.79E-02	0.00E+00	3.99E-05	7.16E-02	3.25E-06	2.79E-02	0.00E+00	3.99E-05	7.16E-02	3.25E-06
							Total	5.39E-07	1.22E-02		7.23E-04		1.35E-07	4.78E-03		7.23E-04
							Risk per Million	0.54					0.13			

2027-2028 (ED 2) HARP 2 Risk Summary Outdoor

		Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollutant	Mass Fraction	AERMOD	Annual MER	Aermod	Acute	CONC	INH RISK	RESP	CONC	RESP	CONC	INH RISK	RESP	CONC	RESP
			Annual	Concentration	Hourly	Concentration	1	_					-			
1	9901 DPM	1	4.51E-02	4.51E-02			4.51E-02	9.79E-07	9.02E-03	0.00E+00	0.00E+00	9.02E-0	1.96E-07	1.80E-03	0.00E+00	0.00E+00
2	75070 Acetaldehyde	2.80E-03	0.4828	1.35E-03	1.24	3.47E-03	1.35E-03	2.66E-10	9.64E-06	3.47E-03	7.38E-06	1.35E-0	3 2.66E-10	9.64E-06	3.47E-03	7.38E-06
3	107028 Acrolein	1.30E-03		6.28E-04		1.61E-03	6.28E-04	0.00E+00	1.79E-03	1.61E-03	6.44E-04	6.28E-0	0.00E+00	1.79E-03	1.61E-03	6.44E-04
4	71432 Benzene	2.83E-02		1.37E-02		3.51E-02	1.37E-02	2.70E-08	0.00E+00	3.51E-02	0.00E+00	1.37E-0	2.70E-08	0.00E+00	3.51E-02	0.00E+00
5	106990 1,3-Butadiene	5.50E-03		2.66E-03		6.82E-03	2.66E-03	3.15E-08	0.00E+00	6.82E-03	0.00E+00	2.66E-0	3.15E-08	0.00E+00	6.82E-03	0.00E+00
6	100414 Ethyl benzene	1.17E-02		5.65E-03		1.45E-02	5.65E-03	9.70E-10	0.00E+00	1.45E-02	0.00E+00	5.65E-0	9.70E-10	0.00E+00	1.45E-02	0.00E+00
7	50000 Formaldehyde	1.58E-02		7.63E-03		1.96E-02	7.63E-03	3.16E-09	8.48E-04	1.96E-02	0.00E+00	7.63E-0	3.16E-09	8.48E-04	1.96E-02	0.00E+00
8	110543 Hexane	3.14E-02		1.52E-02		3.89E-02	1.52E-02	0.00E+00	0.00E+00	3.89E-02	0.00E+00	1.52E-0	0.00E+00	0.00E+00	3.89E-02	0.00E+00
9	67561 Methanol	1.20E-03		5.79E-04		1.49E-03	5.79E-04	0.00E+00	0.00E+00	1.49E-03	0.00E+00	5.79E-0	0.00E+00	0.00E+00	1.49E-03	0.00E+00
10	78933 Methly Ethyl Ketone	2.00E-04		9.66E-05		2.48E-04	9.66E-05	0.00E+00	0.00E+00	2.48E-04	1.91E-08	9.66E-0	0.00E+00	0.00E+00	2.48E-04	1.91E-08
11	91203 Naphthalene	5.00E-04		2.41E-04		6.20E-04	2.41E-04	5.70E-10	2.68E-05	6.20E-04	0.00E+00	2.41E-0	5.70E-10	2.68E-05	6.20E-04	0.00E+00
12	115071 Propylene	3.06E-02		1.48E-02		3.79E-02	1.48E-02	0.00E+00	4.93E-06	3.79E-02	0.00E+00	1.48E-0	0.00E+00	4.93E-06	3.79E-02	0.00E+00
13	100425 Styrene	1.20E-03		5.79E-04		1.49E-03	5.79E-04	0.00E+00	0.00E+00	1.49E-03	7.10E-08	5.79E-0	0.00E+00	0.00E+00	1.49E-03	7.10E-08
14	108883 Toluene	7.46E-02		3.60E-02		9.25E-02	3.60E-02	0.00E+00	0.00E+00	9.25E-02	1.85E-05	3.60E-0	0.00E+00	0.00E+00	9.25E-02	1.85E-05
15	1330207 Xylenes	5.38E-02		2.60E-02		6.67E-02	2.60E-02	0.00E+00	3.71E-05	6.67E-02	3.03E-06	2.60E-0	0.00E+00	3.71E-05	6.67E-02	3.03E-06
							Total	1.04E-06	1.17E-02		6.73E-04		2.59E-07	4.52E-03		6.73E-04
							Risk per Million	1.04					0.26			

With Fraction of Time Indoors

2029-2035 (ED 7)	HARP 2 Risk Summary
	Outdoor

			Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollu	ıtant	Mass Fraction	AERMOD	Annual MER	Aermod	Acute	CONC	INH RISK	RESP	CONC	RESP	CONC	INH RISK	RESP	CONC	RESP
				Annual	Concentration	Hourly	Concentration										
1	9901 DPM	l	1	4.29E-02	4.29E-02			4.29E-02	3.26E-06	8.58E-03	0.00E+00	0.00E+00	8.58E-03	6.52E-07	1.72E-03	0.00E+00	0.00E+00
2	75070 Aceta	aldehyde	2.80E-03	0.4289	1.20E-03	1.1	3.08E-03	1.20E-03	8.28E-10	8.57E-06	3.08E-03	6.55E-06	1.20E-03	8.28E-10	8.57E-06	3.08E-03	6.55E-06
3	107028 Acro	lein	1.30E-03		5.58E-04		1.43E-03	5.58E-04	0.00E+00	1.59E-03	1.43E-03	5.72E-04	5.58E-04	0.00E+00	1.59E-03	1.43E-03	5.72E-04
4	71432 Benz	ene	2.83E-02		1.21E-02		3.11E-02	1.21E-02	8.35E-08	0.00E+00	3.11E-02	0.00E+00	1.21E-02	8.35E-08	0.00E+00	3.11E-02	0.00E+00
5	106990 1,3-B	Butadiene	5.50E-03		2.36E-03		6.05E-03	2.36E-03	9.78E-08	0.00E+00	6.05E-03	0.00E+00	2.36E-03	9.78E-08	0.00E+00	6.05E-03	0.00E+00
6	100414 Ethyl	l benzene	1.17E-02		5.02E-03		1.29E-02	5.02E-03	3.02E-09	0.00E+00	1.29E-02	0.00E+00	5.02E-03	3.02E-09	0.00E+00	1.29E-02	0.00E+00
7	50000 Form	naldehyde	1.58E-02		6.78E-03		1.74E-02	6.78E-03	9.83E-09	7.53E-04	1.74E-02	0.00E+00	6.78E-03	9.83E-09	7.53E-04	1.74E-02	0.00E+00
8	110543 Hexa	ane	3.14E-02		1.35E-02		3.45E-02	1.35E-02	0.00E+00	0.00E+00	3.45E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	3.45E-02	0.00E+00
9	67561 Meth	hanol	1.20E-03		5.15E-04		1.32E-03	5.15E-04	0.00E+00	0.00E+00	1.32E-03	0.00E+00	5.15E-04	0.00E+00	0.00E+00	1.32E-03	0.00E+00
10	78933 Meth	hly Ethyl Ketone	2.00E-04		8.58E-05		2.20E-04	8.58E-05	0.00E+00	0.00E+00	2.20E-04	1.69E-08	8.58E-05	0.00E+00	0.00E+00	2.20E-04	1.69E-08
11	91203 Naph	nthalene	5.00E-04		2.14E-04		5.50E-04	2.14E-04	1.77E-09	2.38E-05	5.50E-04	0.00E+00	2.14E-04	1.77E-09	2.38E-05	5.50E-04	0.00E+00
12	115071 Prop	ylene	3.06E-02		1.31E-02		3.37E-02	1.31E-02	0.00E+00	4.37E-06	3.37E-02	0.00E+00	1.31E-02	0.00E+00	4.37E-06	3.37E-02	0.00E+00
13	100425 Styre	ene	1.20E-03		5.15E-04		1.32E-03	5.15E-04	0.00E+00	0.00E+00	1.32E-03	6.29E-08	5.15E-04	0.00E+00	0.00E+00	1.32E-03	6.29E-08
14	108883 Tolue	ene	7.46E-02		3.20E-02		8.21E-02	3.20E-02	0.00E+00	0.00E+00	8.21E-02	1.64E-05	3.20E-02	0.00E+00	0.00E+00	8.21E-02	1.64E-05
15	1330207 Xyler	nes	5.38E-02		2.31E-02		5.92E-02	2.31E-02	0.00E+00	3.30E-05	5.92E-02	2.69E-06	2.31E-02	0.00E+00	3.30E-05	5.92E-02	2.69E-06
								Total	3.45E-06	1.10E-02		5.98E-04		8.48E-07	4.13E-03		5.98E-04
								Risk per Million	3.45					0.85			

## 2036-2041 (ED 7)

## HARP 2 Risk Summary Outdoor

## With Fraction of Time Indoors

With Fraction of Time Indoors

							Outdoor					with Fra	ction of 11m	e indoors		
		Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID Pollutant	Mass Fraction	AERMOD Annual	Annual MER Concentration	Aermod Hourly	Acute Concentration	CONC	INH_RISK	RESP	CONC	RESP	CONC	INH_RISK	RESP	CONC	RESP
1	9901 DPM	1	3.65E-02	3.65E-02			3.65E-02	2.77E-06	7.30E-03	0.00E+00	0.00E+00	7.30E-03	5.54E-07	1.46E-03	0.00E+00	0.00E+00
2	75070 Acetaldehyde	2.80E-03	0.2822	7.90E-04	0.73	2.04E-03	7.90E-04	5.45E-10	5.64E-06	2.04E-03	4.34E-06	7.90E-04	5.45E-10	5.64E-06	2.04E-03	4.34E-06
3	107028 Acrolein	1.30E-03		3.67E-04		9.49E-04	3.67E-04	0.00E+00	1.05E-03	9.49E-04	3.80E-04	3.67E-04	0.00E+00	1.05E-03	9.49E-04	3.80E-04
4	71432 Benzene	2.83E-02		7.99E-03		2.07E-02	7.99E-03	5.52E-08	0.00E+00	2.07E-02	0.00E+00	7.99E-03	5.52E-08	0.00E+00	2.07E-02	0.00E+00
5	106990 1,3-Butadiene	5.50E-03		1.55E-03		4.02E-03	1.55E-03	6.42E-08	0.00E+00	4.02E-03	0.00E+00	1.55E-03	6.42E-08	0.00E+00	4.02E-03	0.00E+00
6	100414 Ethyl benzene	1.17E-02		3.30E-03		8.54E-03	3.30E-03	1.98E-09	0.00E+00	8.54E-03	0.00E+00	3.30E-03	1.98E-09	0.00E+00	8.54E-03	0.00E+00
7	50000 Formaldehyde	1.58E-02		4.46E-03		1.15E-02	4.46E-03	6.47E-09	4.96E-04	1.15E-02	0.00E+00	4.46E-03	6.47E-09	4.96E-04	1.15E-02	0.00E+00
8	110543 Hexane	3.14E-02		8.86E-03		2.29E-02	8.86E-03	0.00E+00	0.00E+00	2.29E-02	0.00E+00	8.86E-03	0.00E+00	0.00E+00	2.29E-02	0.00E+00
9	67561 Methanol	1.20E-03		3.39E-04		8.76E-04	3.39E-04	0.00E+00	0.00E+00	8.76E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	8.76E-04	0.00E+00
10	78933 Methly Ethyl Ketone	2.00E-04		5.64E-05		1.46E-04	5.64E-05	0.00E+00	0.00E+00	1.46E-04	1.12E-08	5.64E-05	0.00E+00	0.00E+00	1.46E-04	1.12E-08
11	91203 Naphthalene	5.00E-04		1.41E-04		3.65E-04	1.41E-04	1.17E-09	1.57E-05	3.65E-04	0.00E+00	1.41E-04	1.17E-09	1.57E-05	3.65E-04	0.00E+00
12	115071 Propylene	3.06E-02		8.64E-03		2.23E-02	8.64E-03	0.00E+00	2.88E-06	2.23E-02	0.00E+00	8.64E-03	0.00E+00	2.88E-06	2.23E-02	0.00E+00
13	100425 Styrene	1.20E-03		3.39E-04		8.76E-04	3.39E-04	0.00E+00	0.00E+00	8.76E-04	4.17E-08	3.39E-04	0.00E+00	0.00E+00	8.76E-04	4.17E-08
14	108883 Toluene	7.46E-02		2.11E-02		5.45E-02	2.11E-02	0.00E+00	0.00E+00	5.45E-02	1.09E-05	2.11E-02	0.00E+00	0.00E+00	5.45E-02	1.09E-05
15	1330207 Xylenes	5.38E-02		1.52E-02		3.93E-02	1.52E-02	0.00E+00	2.17E-05	3.93E-02	1.79E-06	1.52E-02	0.00E+00	2.17E-05	3.93E-02	1.79E-06
							Total	2.90E-06	8.89E-03		3.97E-04		6.84E-07	3.05E-03		3.97E-04
							Risk per Million	2.90					0.68			

2042-2050 (ED 8) HARP 2 Risk Summary

-0	30 (25 0)							117414 2 1415	C Summary								
								Outdoor					With Frac	tion of Tim	e Indoors		
			Percentage	μg/m³	μg/m³	μg/m³	μg/m³		Cancer	Chronic	Acute			Cancer	Chronic	Acute	
INDEX	POLID	Pollutant	Mass Fraction	AERMOD	Annual MER	Aermod	Acute	CONC	INH RISK	RESP	CONC	RESP	CONC	INH RISK	RESP	CONC	RESP
INDLX	FOLID	ronutant	IVIA33 I I ACCIOII	Annual	Concentration	Hourly	Concentration	CONC	IIVII_IXISIX	ILLSF	CONC	KLSF	CONC	iidii_kisk	ILLSF	CONC	ILLSF
1	9901	DPM	1	3.35E-02	3.35E-02			3.35E-02	2.91E-06	6.70E-03	0.00E+00	0.00E+00	6.70E-03	5.82E-07	1.34E-03	0.00E+00	0.00E+0
2	75070	Acetaldehyde	2.80E-03	0.2233	6.25E-04	0.58	1.62E-03	6.25E-04	4.93E-10	4.46E-06	1.62E-03	3.45E-06	6.25E-04	4.93E-10	4.46E-06	1.62E-03	3.45E-0
3	107028	Acrolein	1.30E-03		2.90E-04		7.54E-04	2.90E-04	0.00E+00	8.29E-04	7.54E-04	3.02E-04	2.90E-04	0.00E+00	8.29E-04	7.54E-04	3.02E-0
4	71432	Benzene	2.83E-02		6.32E-03		1.64E-02	6.32E-03	4.99E-08	0.00E+00	1.64E-02	0.00E+00	6.32E-03	4.99E-08	0.00E+00	1.64E-02	0.00E+0
5	106990	1,3-Butadiene	5.50E-03		1.23E-03		3.19E-03	1.23E-03	5.82E-08	0.00E+00	3.19E-03	0.00E+00	1.23E-03	5.82E-08	0.00E+00	3.19E-03	0.00E+0
6	100414	Ethyl benzene	1.17E-02		2.61E-03		6.79E-03	2.61E-03	1.79E-09	0.00E+00	6.79E-03	0.00E+00	2.61E-03	1.79E-09	0.00E+00	6.79E-03	0.00E+0
7	50000	Formaldehyde	1.58E-02		3.53E-03		9.16E-03	3.53E-03	5.85E-09	3.92E-04	9.16E-03	0.00E+00	3.53E-03	5.85E-09	3.92E-04	9.16E-03	0.00E+0
8	110543	Hexane	3.14E-02		7.01E-03		1.82E-02	7.01E-03	0.00E+00	0.00E+00	1.82E-02	0.00E+00	7.01E-03	0.00E+00	0.00E+00	1.82E-02	0.00E+0
9	67561	Methanol	1.20E-03		2.68E-04		6.96E-04	2.68E-04	0.00E+00	0.00E+00	6.96E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.96E-04	0.00E+0
10	78933	Methly Ethyl Ketone	2.00E-04		4.47E-05		1.16E-04	4.47E-05	0.00E+00	0.00E+00	1.16E-04	8.92E-09	4.47E-05	0.00E+00	0.00E+00	1.16E-04	8.92E-0
11	91203	Naphthalene	5.00E-04		1.12E-04		2.90E-04	1.12E-04	1.06E-09	1.24E-05	2.90E-04	0.00E+00	1.12E-04	1.06E-09	1.24E-05	2.90E-04	0.00E+0
12	115071	Propylene	3.06E-02		6.83E-03		1.77E-02	6.83E-03	0.00E+00	2.28E-06	1.77E-02	0.00E+00	6.83E-03	0.00E+00	2.28E-06	1.77E-02	0.00E+0
13	100425	Styrene	1.20E-03		2.68E-04		6.96E-04	2.68E-04	0.00E+00	0.00E+00	6.96E-04	3.31E-08	2.68E-04	0.00E+00	0.00E+00	6.96E-04	3.31E-0
14	108883	Toluene	7.46E-02		1.67E-02		4.33E-02	1.67E-02	0.00E+00	0.00E+00	4.33E-02	8.66E-06	1.67E-02	0.00E+00	0.00E+00	4.33E-02	8.66E-0
15	1330207	Xylenes	5.38E-02		1.20E-02		3.12E-02	1.20E-02	0.00E+00	1.71E-05	3.12E-02	1.42E-06	1.20E-02	0.00E+00	1.71E-05	3.12E-02	1.42E-0
								Total	3.02E-06	7.96E-03		3.15E-04		6.99E-07	2.60E-03		3.15E-0
								Risk per Million	3.02					0.70			

Total

10.96 0.051801

0.002706

2.63 0.019081

0.002706

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**
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** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall 2026\MVMall 2026.ADI
************
**
**
***********
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2026 Operations - Auto TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMall 2026.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 SR60 EB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.0255
** Vertical Dimension = 1.19
** SZINIT = 0.55
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 0.59, 5.35
** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
** 475301.985, 3755606.087, 502.95, 0.59, 5.35
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	LOCATION	L0003584	VOLUME	473548.956	3755952.556	486.91
	LOCATION	L0003585	VOLUME	473560.219	3755950.236	487.27
	LOCATION	L0003586	VOLUME	473571.483	3755947.916	487.65
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	LOCATION		VOLUME		3755943.275	
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	LOCATION		VOLUME		3755910.790	
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.0255
** Vertical Dimension = 1.19
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- \*\* End of LINE VOLUME Source ID = SLINE2
- \*\* Source Parameters \*\*

  \*\* LINE VOLUME Source ID = SLINE1

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SRCPARAM	1 L0004080	0.0000965909	0.59	5.35	0.55	
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SRCPARAM	1 L0004082	0.0000965909	0.59	5.35	0.55	
SRCPARAM	1 L0004083	0.0000965909	0.59	5.35	0.55	
SRCPARAM	1 L0004084	0.0000965909	0.59	5.35	0.55	
SRCPARAM	1 L0004085	0.0000965909	0.59	5.35	0.55	
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SRCPARAM	1 L0004087	0.0000965909	0.59	5.35	0.55	
SRCPARAM	1 L0004088	0.0000965909	0.59	5.35	0.55	
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SRCPARAM	1 L0004090	0.0000965909	0.59	5.35	0.55	
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SRCPARAM	1 L0004110	0.0000965909	0.59	5.35	0.55	
**						· –
URBANSRO	ALL					
SRCGROUF	P ALL					
SO FINISHED	)					
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		******				
	Receptor Pat	•				
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RE STARTING						
	) MVMall_202	6.rou				
RE FINISHED	)					
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\*\* AERMOD Meteorology Pathway

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** Profile File Path: C:\Lakes\AERMOD View\MVMall 2026\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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  RECTABLE 1 1ST
** Auto-Generated Plotfiles
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31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall_2026\MVMALL_2026.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall 2026\MVMall 2026.sum"
OU FINISHED
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** Project Parameters
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** DESCPTN UTM: Universal Transverse Mercator
          World Geodetic System 1984
** DATUM
** DTMRGN Global Definition
** UNITS
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL 2026\MVMALL 2026.ADI
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** AERMOD CONTROL PATHWAY
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CO STARTING
  TITLEONE 2026 OPERATIONS - AUTO TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMALL 2026.ERR
CO FINISHED
**
************
** AERMOD SOURCE PATHWAY
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**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** _____
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC SR60 EB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0255
** VERTICAL DIMENSION = 1.19
** SZINIT = 0.55
** NODES = 5
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** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
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\*\* 475301.985, 3755606.087, 502.95, 0.59, 5.35

\*\* 476529.628, 3755625.490, 502.55, 0.59, 5.35

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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
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** CONFIGURATION = ADJACENT
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SRCPARAM	L0004041	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004042	0.0000965909	0.59	5.35	0.55
	L0004043	0.0000965909	0.59	5.35	0.55
	L0004044	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004045	0.0000965909	0.59	5.35	0.55
	L0004046	0.0000965909	0.59	5.35	0.55
	L0004047	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004048	0.0000965909	0.59	5.35	0.55
	L0004049	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004050	0.0000965909	0.59	5.35	0.55
	L0004051	0.0000965909	0.59	5.35	0.55
	L0004052	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004053	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004054	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004055	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004056	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004057	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004058	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004059	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004060	0.0000965909	0.59	5.35	0.55
	L0004061	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004062	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004063	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004064	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004065	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004066	0.0000965909	0.59	5.35	0.55
	L0004067	0.0000965909	0.59	5.35	0.55
SRCPARAM	L0004068	0.0000965909	0.59	5.35	0.55
	L0004069	0.0000965909	0.59	5.35	0.55
	L0004070	0.0000965909	0.59	5.35	0.55
	L0004071	0.0000965909	0.59	5.35	0.55
	L0004072	0.0000965909	0.59	5.35	0.55
	L0004073	0.0000965909	0.59	5.35	0.55
	L0004074	0.0000965909	0.59	5.35	0.55
	L0004075	0.0000965909	0.59	5.35	0.55

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SRCPARAM L0004076
                         0.0000965909
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   SRCPARAM L0004077
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   SRCPARAM L0004078
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   SRCPARAM L0004079
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                                                      5.35
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   SRCPARAM L0004080
                         0.0000965909
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   SRCPARAM L0004081
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   SRCPARAM L0004082
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   SRCPARAM L0004083
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   SRCPARAM L0004084
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   SRCPARAM L0004085
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   SRCPARAM L0004086
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   SRCPARAM L0004087
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   SRCPARAM L0004088
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   SRCPARAM L0004089
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   SRCPARAM L0004090
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   SRCPARAM L0004091
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   SRCPARAM L0004092
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   SRCPARAM L0004093
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   SRCPARAM L0004094
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                         0.0000965909
   SRCPARAM L0004095
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   SRCPARAM L0004096
                         0.0000965909
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   SRCPARAM L0004097
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   SRCPARAM L0004098
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   SRCPARAM L0004099
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   SRCPARAM L0004100
                         0.0000965909
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   SRCPARAM L0004101
                         0.0000965909
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   SRCPARAM L0004102
                         0.0000965909
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   SRCPARAM L0004103
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   SRCPARAM L0004104
                         0.0000965909
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                                                      5.35
                                                                0.55
   SRCPARAM L0004105
                         0.0000965909
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                                                      5.35
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   SRCPARAM L0004106
                         0.0000965909
                                            0.59
                                                      5.35
                                                                0.55
   SRCPARAM L0004107
                         0.0000965909
                                            0.59
                                                      5.35
                                                                0.55
   SRCPARAM L0004108
                                            0.59
                                                      5.35
                                                                0.55
                         0.0000965909
   SRCPARAM L0004109
                         0.0000965909
                                            0.59
                                                      5.35
                                                                0.55
   SRCPARAM L0004110
                         0.0000965909
                                            0.59
                                                      5.35
                                                                0.55
  URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************
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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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** AERMOD METEOROLOGY PATHWAY
************
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL_2026\PERI_V9_ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL 2026\PERI V9 ADJU\
  PROFFILE PERI V9 ADJU\PERI V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
*************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
            1 ALL 1ST "C:\LAKES\AERMOD
  PLOTFILE
VIEW\MVMALL 2026\MVMALL 2026.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL 2026\MVMALL 2026.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL 2026\MVMALL 2026.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
           1163
                     MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
           1163
```

```
*** SETUP Finishes Successfully ***
***********
*** AERMOD - VERSION 21112 ***
                                  *** 2026 OPERATIONS - AUTO TOG
                                  04/06/22
                                 ***
*** AERMET - VERSION 16216 ***
                                12:33:25
                                PAGE
                                       1
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                          ***
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 529 Source(s),
 for Total of
                 1 Urban Area(s):
 Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
       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: TOG
**Model Calculates 1 Short Term Average(s) of:
                                                 1-HR
   and Calculates PERIOD Averages
```

\*\*\*\*\*\*\*\*\*\*\*

\*\*This Run Includes: 529 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 529 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: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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) = 442.00; Decay Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 = MICROGRAMS/M\*\*3 Output Units \*\*Approximate Storage Requirements of Model = 3.8 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out \*\*Detailed Error/Message File: MVMALL 2026.ERR \*\*File for Summary of Results: C:\LAKES\AERMOD VIEW\MVMALL\_2026\MVMALL\_2026.SUM ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

04/06/22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)					
ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0003582 0.55 YES	0	0.96226E-04	473526.4	3755957.2	486.2	0.59	5.35
L0003583 0.55 YES	0	0.96226E-04	473537.7	3755954.9	486.6	0.59	5.35
L0003584 0.55 YES	0	0.96226E-04	473549.0	3755952.6	486.9	0.59	5.35
L0003585 0.55 YES	0	0.96226E-04	473560.2	3755950.2	487.3	0.59	5.35
L0003586 0.55 YES	0	0.96226E-04	473571.5	3755947.9	487.7	0.59	5.35
L0003587 0.55 YES	0	0.96226E-04	473582.7	3755945.6	488.1	0.59	5.35
L0003588 0.55 YES	0	0.96226E-04	473594.0	3755943.3	488.5	0.59	5.35
L0003589 0.55 YES	0	0.96226E-04	473605.3	3755941.0	489.0	0.59	5.35
L0003590 0.55 YES	0	0.96226E-04	473616.5	3755938.6	489.4	0.59	5.35
L0003591 0.55 YES	0	0.96226E-04	473627.8	3755936.3	489.9	0.59	5.35
L0003592 0.55 YES	0	0.96226E-04	473639.1	3755934.0	490.4	0.59	5.35
L0003593 0.55 YES	0	0.96226E-04	473650.3	3755931.7	490.8	0.59	5.35
	0	0.96226E-04	473661.6	3755929.4	491.2	0.59	5.35
L0003595 0.55 YES	0	0.96226E-04	473672.9	3755927.0	491.7	0.59	5.35
L0003596	0	0.96226E-04	473684.1	3755924.7	492.1	0.59	5.35
0.55 YES L0003597 0.55 YES	0	0.96226E-04	473695.4	3755922.4	492.4	0.59	5.35

L0003598 0.55 YES	0	0.96226E-04	473706.6 3755920.1	492.7	0.59	5.35
L0003599 0.55 YES	0	0.96226E-04	473717.9 3755917.8	493.0	0.59	5.35
L0003600 0.55 YES	0	0.96226E-04	473729.2 3755915.4	493.3	0.59	5.35
L0003601 0.55 YES	0	0.96226E-04	473740.4 3755913.1	493.7	0.59	5.35
L0003602 0.55 YES	0	0.96226E-04	473751.7 3755910.8	494.1	0.59	5.35
L0003603 0.55 YES	0	0.96226E-04	473763.0 3755908.5	494.4	0.59	5.35
L0003604 0.55 YES	0	0.96226E-04	473774.2 3755906.1	494.8	0.59	5.35
L0003605 0.55 YES	0	0.96226E-04	473785.5 3755903.8	495.2	0.59	5.35
L0003606 0.55 YES	0	0.96226E-04	473796.8 3755901.5	495.6	0.59	5.35
L0003607 0.55 YES	0	0.96226E-04	473808.0 3755899.2	495.9	0.59	5.35
L0003608 0.55 YES	0	0.96226E-04	473819.3 3755896.9	496.2	0.59	5.35
L0003609 0.55 YES	0	0.96226E-04	473830.5 3755894.5	496.5	0.59	5.35
L0003610 0.55 YES	0	0.96226E-04	473841.8 3755892.2	496.7	0.59	5.35
L0003611 0.55 YES	0	0.96226E-04	473853.1 3755889.9	496.9	0.59	5.35
L0003612 0.55 YES	0	0.96226E-04	473864.3 3755887.6	497.1	0.59	5.35
L0003613 0.55 YES	0	0.96226E-04	473875.6 3755885.3	497.3	0.59	5.35
L0003614 0.55 YES	0	0.96226E-04	473886.9 3755882.9	497.6	0.59	5.35
L0003615 0.55 YES	0	0.96226E-04	473898.1 3755880.6	498.0	0.59	5.35
L0003616 0.55 YES	0		473909.4 3755878.3			5.35
L0003617 0.55 YES	0		473920.7 3755876.0	498.7	0.59	5.35
L0003618 0.55 YES	0		473931.9 3755873.7	499.1	0.59	5.35
L0003619 0.55 YES	0		473943.2 3755871.3	499.4	0.59	5.35
L0003620 0.55 YES	0		473954.4 3755869.0	499.7	0.59	5.35
L0003621 0.55 YES	0		473965.7 3755866.7		0.59	5.35
↑ *** AERMOD -	VERSIO	ON 21112 *** ***	*** 2026 OPERATION 04/06/22	S - AUTO TO	OG	

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0.55

YES

#### RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs:

#### \*\*\* VOLUME SOURCE DATA \*\*\* NUMBER EMISSION RATE BASE RELEASE INIT. INIT. URBAN EMISSION RATE SY SOURCE PART. (GRAMS/SEC) Χ Υ ELEV. HEIGHT SZ SOURCE SCALAR VARY (METERS) (METERS) (METERS) (METERS) ID (METERS) BY L0003622 0.96226E-04 473977.0 3755864.4 0.59 0 500.3 5.35 0.55 YES L0003623 0.96226E-04 473988.2 3755862.1 500.6 0.59 5.35 0.55 YES 0.96226E-04 473999.5 3755859.7 L0003624 500.7 0.59 5.35 0.55 YES L0003625 0.96226E-04 474010.8 3755857.4 0.59 0 500.9 5.35 0.55 YES L0003626 0.96226E-04 474022.0 3755855.1 501.2 0.59 5.35 0.55 YES L0003627 0.96226E-04 474033.3 3755852.8 501.4 0.59 5.35 0.55 YES 0.96226E-04 474044.5 3755850.5 L0003628 501.5 0.59 5.35 0 0.55 YES L0003629 0.96226E-04 474055.8 3755848.1 501.7 0.59 5.35 0 0.55 YES L0003630 0.96226E-04 474067.1 3755845.8 501.9 0.59 5.35 0.55 YES L0003631 0.96226E-04 474078.3 3755843.5 502.0 0.59 5.35 0.55 YES L0003632 0.96226E-04 474089.6 3755841.2 502.2 0.59 5.35 0.55 YES L0003633 0 0.96226E-04 474100.9 3755838.9 502.3 0.59 5.35 0.55 YES L0003634 0.96226E-04 474112.1 3755836.5 502.5 0.59 5.35 0.55 YES 502.6 0.96226E-04 474123.4 3755834.2 0.59 5.35 L0003635 0 0.55 YES 502.7 0.96226E-04 474134.7 3755831.9 0.59 5.35 L0003636 0 0.55 YES L0003637 0.96226E-04 474145.9 3755829.6 502.7 0.59 5.35

L0003638 0.55 YES	0	0.96226E-04	474157.2 3755827.3	502.7	0.59	5.35
L0003639 0.55 YES	0	0.96226E-04	474168.4 3755824.9	502.6	0.59	5.35
L0003640 0.55 YES	0	0.96226E-04	474179.7 3755822.6	502.4	0.59	5.35
L0003641	0	0.96226E-04	474191.0 3755820.3	502.0	0.59	5.35
0.55 YES L0003642	0	0.96226E-04	474202.2 3755818.0	500.1	0.59	5.35
0.55 YES L0003643	0	0.96226E-04	474213.5 3755815.7	498.3	0.59	5.35
0.55 YES L0003644 0.55 YES	0	0.96226E-04	474224.8 3755813.3	498.6	0.59	5.35
0.55 YES L0003645 0.55 YES	0	0.96226E-04	474236.0 3755811.0	499.2	0.59	5.35
L0003646 0.55 YES	0	0.96226E-04	474247.3 3755808.7	500.3	0.59	5.35
L0003647 0.55 YES	0	0.96226E-04	474258.6 3755806.4	501.8	0.59	5.35
L0003648 0.55 YES	0	0.96226E-04	474269.8 3755804.1	502.8	0.59	5.35
L0003649 0.55 YES	0	0.96226E-04	474281.1 3755801.7	503.0	0.59	5.35
L0003650 0.55 YES	0	0.96226E-04	474292.3 3755799.4	503.1	0.59	5.35
L0003651 0.55 YES	0	0.96226E-04	474303.6 3755797.1	503.0	0.59	5.35
L0003652 0.55 YES	0	0.96226E-04	474314.9 3755794.8	503.0	0.59	5.35
L0003653 0.55 YES	0	0.96226E-04	474326.1 3755792.5	503.0	0.59	5.35
L0003654 0.55 YES	0	0.96226E-04	474337.4 3755790.1	503.0	0.59	5.35
L0003655 0.55 YES	0	0.96226E-04	474348.7 3755787.8	503.0	0.59	5.35
L0003656 0.55 YES	0	0.96226E-04	474359.9 3755785.5	503.0	0.59	5.35
L0003657 0.55 YES	0	0.96226E-04	474371.2 3755783.2	503.0	0.59	5.35
L0003658 0.55 YES	0	0.96226E-04	474382.5 3755780.9	503.1	0.59	5.35
L0003659 0.55 YES	0	0.96226E-04	474393.7 3755778.5	503.1	0.59	5.35
L0003660 0.55 YES	0	0.96226E-04	474405.0 3755776.2	503.2	0.59	5.35
L0003661 0.55 YES	0	0.96226E-04	474416.2 3755773.9	503.2	0.59	5.35
↑ *** AERMOD	- VERSIO	N 21112 *** ***	*** 2026 OPERATION: 04/06/22	S - AUTO TO	)G	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN EMISSION RATE  SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY  SZ SOURCE SCALAR VARY	
ID CATS. (METERS) (METERS) (METERS) (METERS)	
(METERS) BY	
L0003662 0 0.96226E-04 474427.5 3755771.6 503.3 0.59 5.35	
0.55 YES	
L0003663 0 0.96226E-04 474438.8 3755769.2 503.3 0.59 5.35	
0.55 YES	
L0003664 0 0.96226E-04 474450.0 3755766.9 503.3 0.59 5.35	
0.55 YES	
L0003665 0 0.96226E-04 474461.3 3755764.6 503.3 0.59 5.35 0.55 YES	
L0003666 0 0.96226E-04 474472.6 3755762.3 503.4 0.59 5.35	
0.55 YES	
L0003667 0 0.96226E-04 474483.8 3755760.0 503.4 0.59 5.35	
0.55 YES	
L0003668 0 0.96226E-04 474495.1 3755757.6 503.4 0.59 5.35	
0.55 YES	
L0003669 0 0.96226E-04 474506.4 3755755.3 503.4 0.59 5.35	
0.55 YES	
L0003670 0 0.96226E-04 474517.6 3755753.0 503.5 0.59 5.35	
0.55 YES L0003671 0 0.96226E-04 474528.9 3755750.7 503.5 0.59 5.35	
0.55 YES	
L0003672	
0.55 YES	
L0003673 0 0.96226E-04 474551.4 3755746.0 503.7 0.59 5.35	
0.55 YES	
L0003674 0 0.96226E-04 474562.7 3755743.7 503.7 0.59 5.35	
0.55 YES	
L0003675 0 0.96226E-04 474573.9 3755741.4 503.8 0.59 5.35	
0.55 YES	
L0003676 0 0.96226E-04 474585.2 3755739.1 503.8 0.59 5.35	
0.55 YES L0003677 0 0.96226E-04 474596.5 3755736.8 503.8 0.59 5.35	
0.55 YES	

L0003678	0	0.96226E-04	474607.7 3755734.4	503.8	0.59	5.35
0.55 YES	Ü	0.302202 01	17 1007 17 373373111	303.0	0.33	3.33
L0003679	0	0.96226E-04	474619.0 3755732.1	503.9	0.59	5.35
0.55 YES						
L0003680	0	0.96226E-04	474630.2 3755729.8	503.9	0.59	5.35
0.55 YES			4-444 - 0			
L0003681	0	0.96226E-04	474641.5 3755727.5	504.1	0.59	5.35
0.55 YES	0	0 062265 04	4746E2 0 27EE72E 2	504.2	0 E0	5.35
L0003682 0.55 YES	0	0.96226E-04	474652.8 3755725.2	304.2	0.59	5.35
L0003683	0	0.96226E-04	474664.0 3755722.8	504.4	0.59	5.35
0.55 YES	Ū	0.302201 04	474004.0 J7JJ722.0	304.4	0.55	J. JJ
L0003684	0	0.96226E-04	474675.3 3755720.5	504.5	0.59	5.35
0.55 YES	ŭ	01302202 0.	., .0, 5, 5 5, 55, 20, 5	303	0.33	3.33
L0003685	0	0.96226E-04	474686.6 3755718.2	504.6	0.59	5.35
0.55 YES						
L0003686	0	0.96226E-04	474697.8 3755715.9	504.6	0.59	5.35
0.55 YES						
L0003687	0	0.96226E-04	474709.1 3755713.6	504.6	0.59	5.35
0.55 YES						
L0003688	0	0.96226E-04	474720.4 3755711.2	504.6	0.59	5.35
0.55 YES						
L0003689	0	0.96226E-04	474731.6 3755708.9	504.5	0.59	5.35
0.55 YES						
L0003690	0	0.96226E-04	474742.9 3755706.6	504.4	0.59	5.35
0.55 YES	_					
L0003691	0	0.96226E-04	474754.2 3755704.4	504.4	0.59	5.35
0.55 YES		0.063365.04	474765 4 2755702 4	504.4	0 50	- 2-
L0003692	0	0.96226E-04	474765.4 3755702.1	504.4	0.59	5.35
0.55 YES	0	0 062265 04	474776 7 2755600 0	FQ4_4	0 50	F 2F
L0003693 0.55 YES	0	0.96226E-04	474776.7 3755699.9	504.4	0.59	5.35
L0003694	0	0.96226E-04	474788.0 3755697.6	504.5	0.59	5.35
0.55 YES	U	0.90220L-04	474788.0 3733037.0	504.5	0.55	رد.د
L0003695	0	0.96226F-04	474799.3 3755695.4	504.6	0.59	5.35
0.55 YES	Ū	0.302202 01	1, 1, 33.3 3, 33033.1	301.0	0.33	3.33
L0003696	0	0.96226E-04	474810.6 3755693.1	504.7	0.59	5.35
0.55 YES	-					
L0003697	0	0.96226E-04	474821.8 3755690.9	504.8	0.59	5.35
0.55 YES						
L0003698	0	0.96226E-04	474833.1 3755688.6	504.9	0.59	5.35
0.55 YES						
L0003699	0	0.96226E-04	474844.4 3755686.4	505.0	0.59	5.35
0.55 YES						
L0003700	0	0.96226E-04	474855.7 3755684.1	505.0	0.59	5.35
0.55 YES	_					
L0003701	0	0.96226E-04	474866.9 3755681.9	505.0	0.59	5.35
0.55 YES	\/EDC=	ON 24442 444	*** 2026 CDEDATES:	C 411TO	TOC	
↑ ↑↑↑ AERMOD -	VEK2I(	JN 21112 ***	*** 2026 OPERATION	5 - AUIU	106	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY				, ,	
L0003702	0	0.96226E-04	474878.2	3755679.6	505.1	0.59	5.35
0.55 YES							
L0003703	0	0.96226E-04	474889.5	3755677.4	505.0	0.59	5.35
0.55 YES L0003704	0	0.96226E-04	474000 0	2755675 1	505.0	0.59	5.35
0.55 YES	V	0.90220E-04	474900.0	3/336/3.1	303.0	0.59	5.35
L0003705	0	0.96226E-04	474912.1	3755672.9	505.0	0.59	5.35
0.55 YES							
L0003706	0	0.96226E-04	474923.3	3755670.6	505.0	0.59	5.35
0.55 YES							
L0003707	0	0.96226E-04	474934.6	3755668.3	505.0	0.59	5.35
0.55 YES L0003708	0	0.063365.04	47404F 0	2755666 1	505.0	0 50	5.35
0.55 YES	0	0.96226E-04	4/4945.9	3/33000.1	303.0	0.59	3.33
L0003709	0	0.96226E-04	474957.2	3755663.8	505.0	0.59	5.35
0.55 YES	ŭ	0.702202 0.	1, 133, 12	3,33003.0	303.0	0.33	3.33
L0003710	0	0.96226E-04	474968.4	3755661.6	505.1	0.59	5.35
0.55 YES							
L0003711	0	0.96226E-04	474979.7	3755659.3	505.1	0.59	5.35
0.55 YES	0	0.062265.04	474001 0	2755657 4	FOF 1	0 50	F 2F
L0003712 0.55 YES	0	0.96226E-04	4/4991.0	3/5565/.1	505.1	0.59	5.35
L0003713	0	0.96226E-04	475002.3	3755654.8	505.1	0.59	5.35
0.55 YES	ŭ	0.702202 0.	., 500215	3,3303.10	303.1	0.33	3.33
L0003714	0	0.96226E-04	475013.5	3755652.6	505.0	0.59	5.35
0.55 YES							
L0003715	0	0.96226E-04	475024.8	3755650.3	505.0	0.59	5.35
0.55 YES			4==004.4	2===40.4			
L0003716 0.55 YES	0	0.96226E-04	4/5036.1	3/55648.1	504.9	0.59	5.35
0.55 YES L0003717	0	0.96226E-04	475047 4	37556/15 2	504.8	0.59	5.35
0.55 YES	Ū	0.702201 04	*/ JUT/ • 4	5,550 <del>4</del> 5.0	504.0	0.55	J.JJ

L0003718 0.55 YES	0	0.96226E-04	475058.7 3755643.6	504.7	0.59	5.35
L0003719	0	0.96226E-04	475069.9 3755641.3	504.6	0.59	5.35
0.55 YES L0003720	0	0.96226E-04	475081.2 3755639.1	504.5	0.59	5.35
0.55 YES L0003721	0	0.96226E-04	475092.5 3755636.8	504.4	0.59	5.35
0.55 YES L0003722	0	0.96226E-04	475103.8 3755634.6	504.4	0.59	5.35
0.55 YES L0003723	0	0.96226E-04	475115.0 3755632.3	504.4	0.59	5.35
0.55 YES L0003724	0	0.96226E-04	475126.3 3755630.1	504.3	0.59	5.35
0.55 YES L0003725	0	0.96226E-04	475137.6 3755627.8	504.3	0.59	5.35
0.55 YES L0003726	0	0.96226E-04	475148.9 3755625.6	504.2	0.59	5.35
0.55 YES L0003727	0	0.96226E-04	475160.2 3755623.3	504.2	0.59	5.35
0.55 YES L0003728	0	0.96226E-04	475171.4 3755621.1	504.1	0.59	5.35
0.55 YES L0003729	0	0.96226E-04	475182.7 3755618.8	503.9	0.59	5.35
0.55 YES L0003730	0	0.96226E-04	475194.0 3755616.6	503.8	0.59	5.35
0.55 YES						
L0003731 0.55 YES	0	0.96226E-04	475205.3 3755614.3	503.7	0.59	5.35
L0003732 0.55 YES	0		475216.7 3755613.1	503.6	0.59	5.35
L0003733 0.55 YES	0	0.96226E-04	475228.2 3755612.2	503.4	0.59	5.35
L0003734 0.55 YES	0	0.96226E-04	475239.6 3755611.2	503.3	0.59	5.35
L0003735 0.55 YES	0	0.96226E-04	475251.1 3755610.3	503.2	0.59	5.35
L0003736 0.55 YES	0	0.96226E-04	475262.5 3755609.3	503.1	0.59	5.35
L0003737 0.55 YES	0	0.96226E-04	475274.0 3755608.4	503.0	0.59	5.35
L0003738 0.55 YES	0	0.96226E-04	475285.5 3755607.5	503.0	0.59	5.35
L0003739 0.55 YES	0	0.96226E-04	475296.9 3755606.5	502.9	0.59	5.35
L0003740	0	0.96226E-04	475308.4 3755606.2	502.9	0.59	5.35
0.55 YES L0003741	0	0.96226E-04	475319.9 3755606.4	502.8	0.59	5.35
0.55 YES  ↑ *** AERMOD	- VERSIO	N 21112 *** ***	*** 2026 OPERATION 04/06/22	S - AUTO TO	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TNIT LIDDAN	NUMBER EMISSION RA	TE	BASE	RELEASE	INIT.
	PART. (GRAMS/SEC	) X Y	ELEV.	HEIGHT	SY
SZ SOURCE ID		(METERS) (METERS)	(METERS)	(METERS)	(METERS)
(METERS)		(METERS) (METERS)	(METERS)	(MLTERS)	(METERS)
L0003742 0.55 YES	0 0.96226E-04	475331.4 3755606.6	502.8	0.59	5.35
L0003743	0 0.96226E-04	475342.9 3755606.7	502.8	0.59	5.35
0.55 YES	0 0170=01 0.		30_00	***************************************	5.55
L0003744	0 0.96226E-04	475354.4 3755606.9	502.8	0.59	5.35
0.55 YES					
L0003745	0 0.96226E-04	475365.9 3755607.1	502.8	0.59	5.35
0.55 YES	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	475277 4 2755607 2	F02 0	0 50	F 25
L0003746 0.55 YES	0 0.96226E-04	475377.4 3755607.3	502.9	0.59	5.35
L0003747	0 0.96226E-04	475388.9 3755607.5	502.9	0.59	5.35
0.55 YES	0 0.302201 04	4/5500.5 5/5500/.5	302.5	0.55	9.33
L0003748	0 0.96226E-04	475400.4 3755607.6	502.9	0.59	5.35
0.55 YES					
L0003749	0 0.96226E-04	475411.9 3755607.8	503.0	0.59	5.35
0.55 YES					
L0003750	0 0.96226E-04	475423.4 3755608.0	503.0	0.59	5.35
0.55 YES	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	475424 0 2755600 2	F02 4	0 50	F 25
L0003751 0.55 YES	0 0.96226E-04	475434.9 3755608.2	503.1	0.59	5.35
L0003752	0 0.96226E-04	475446.4 3755608.4	503.2	0.59	5.35
0.55 YES	0 0.302202 04	+/54+0.+ 5/55000.+	303.2	0.33	3.33
L0003753	0 0.96226E-04	475457.9 3755608.6	503.3	0.59	5.35
0.55 YES					
L0003754	0 0.96226E-04	475469.4 3755608.7	503.4	0.59	5.35
0.55 YES					
L0003755	0 0.96226E-04	475480.9 3755608.9	503.6	0.59	5.35
0.55 YES	0 0 062265 04	475400 4 0755600 4	F02 0	0.50	F 2F
L0003756 0.55 YES	0 0.96226E-04	475492.4 3755609.1	503.8	0.59	5.35
L0003757	0 0.96226E-04	475503.9 3755609.3	503.9	0.59	5.35
0.55 YES	0 0.302202 04	., 5565.5 5, 55605.5	202.2	0.33	3.33

L0003758 0.55 YES	0	0.96226E-04	475515.4 3755609.5	504.1	0.59	5.35
L0003759	0	0.96226E-04	475526.9 3755609.6	504.3	0.59	5.35
0.55 YES L0003760	0	0.96226E-04	475538.4 3755609.8	504.5	0.59	5.35
0.55 YES L0003761	0	0.96226E-04	475549.9 3755610.0	504.7	0.59	5.35
0.55 YES L0003762	0	0.96226E-04	475561.4 3755610.2	504.9	0.59	5.35
0.55 YES L0003763	0	0.96226E-04	475572.9 3755610.4	505.0	0.59	5.35
0.55 YES L0003764	0	0.96226E-04	475584.4 3755610.5	505.2	0.59	5.35
0.55 YES L0003765	0	0.96226E-04	475595.9 3755610.7	505.4	0.59	5.35
0.55 YES L0003766	0	0.96226E-04	475607.4 3755610.9	505.6	0.59	5.35
0.55 YES L0003767	0	0.96226E-04	475618.9 3755611.1	505.8	0.59	5.35
0.55 YES L0003768	0	0.96226E-04	475630.4 3755611.3	506.0	0.59	5.35
0.55 YES L0003769	0	0.96226E-04	475641.9 3755611.5	506.2	0.59	5.35
0.55 YES L0003770	0	0.96226E-04	475653.4 3755611.6	506.4	0.59	5.35
0.55 YES						
L0003771 0.55 YES	0	0.96226E-04	475664.9 3755611.8	506.5	0.59	5.35
L0003772 0.55 YES	0	0.96226E-04		506.7	0.59	5.35
L0003773 0.55 YES	0	0.96226E-04	475687.9 3755612.2	506.8	0.59	5.35
L0003774 0.55 YES	0	0.96226E-04	475699.4 3755612.4	506.9	0.59	5.35
L0003775 0.55 YES	0	0.96226E-04	475710.9 3755612.5	507.1	0.59	5.35
L0003776 0.55 YES	0	0.96226E-04	475722.3 3755612.7	507.2	0.59	5.35
L0003777 0.55 YES	0	0.96226E-04	475733.8 3755612.9	507.3	0.59	5.35
L0003778 0.55 YES	0	0.96226E-04	475745.3 3755613.1	507.4	0.59	5.35
L0003779 0.55 YES	0	0.96226E-04	475756.8 3755613.3	507.5	0.59	5.35
L0003780	0	0.96226E-04	475768.3 3755613.5	507.6	0.59	5.35
0.55 YES L0003781	0	0.96226E-04	475779.8 3755613.6	507.6	0.59	5.35
0.55 YES ★ *** AERMOD	- VERSIO	N 21112 *** ***	*** 2026 OPERATION: 04/06/22	S - AUTO TO	OG	

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		 BY					
L0003782 0.55 YES	0	0.96226E-04	475791.3	3755613.8	507.4	0.59	5.35
L0003783 0.55 YES	0	0.96226E-04	475802.8	3755614.0	507.1	0.59	5.35
L0003784 0.55 YES	0	0.96226E-04	475814.3	3755614.2	505.6	0.59	5.35
L0003785 0.55 YES	0	0.96226E-04	475825.8	3755614.4	503.7	0.59	5.35
L0003786 0.55 YES	0	0.96226E-04	475837.3	3755614.5	503.1	0.59	5.35
L0003787 0.55 YES	0	0.96226E-04	475848.8	3755614.7	503.9	0.59	5.35
L0003788 0.55 YES	0	0.96226E-04	475860.3	3755614.9	504.9	0.59	5.35
L0003789 0.55 YES	0	0.96226E-04	475871.8	3755615.1	506.2	0.59	5.35
L0003790 0.55 YES	0	0.96226E-04	475883.3	3755615.3	507.4	0.59	5.35
L0003791 0.55 YES	0	0.96226E-04	475894.8	3755615.5	507.4	0.59	5.35
L0003792 0.55 YES	0	0.96226E-04	475906.3	3755615.6	507.4	0.59	5.35
L0003793 0.55 YES	0	0.96226E-04	475917.8	3755615.8	507.3	0.59	5.35
L0003794 0.55 YES	0	0.96226E-04	475929.3	3755616.0	507.2	0.59	5.35
L0003795 0.55 YES	0	0.96226E-04	475940.8	3755616.2	507.1	0.59	5.35
L0003796	0	0.96226E-04	475952.3	3755616.4	506.9	0.59	5.35
0.55 YES L0003797 0.55 YES	0	0.96226E-04	475963.8	3755616.5	506.8	0.59	5.35

L0003798	0	0.96226E-04	475975.3 3755616.7	506.6	0.59	5.35
0.55 YES	_					
L0003799	0	0.96226E-04	475986.8 3755616.9	506.4	0.59	5.35
0.55 YES						
L0003800	0	0.96226E-04	475998.3 3755617.1	506.2	0.59	5.35
0.55 YES	_					
L0003801	0	0.96226E-04	476009.8 3755617.3	505.9	0.59	5.35
0.55 YES						
L0003802	0	0.96226E-04	476021.3 3755617.5	505.8	0.59	5.35
0.55 YES						
L0003803	0	0.96226E-04	476032.8 3755617.6	505.6	0.59	5.35
0.55 YES						
L0003804	0	0.96226E-04	476044.3 3755617.8	505.3	0.59	5.35
0.55 YES						
L0003805	0	0.96226E-04	476055.8 3755618.0	505.1	0.59	5.35
0.55 YES						
L0003806	0	0.96226E-04	476067.3 3755618.2	504.9	0.59	5.35
0.55 YES						
L0003807	0	0.96226E-04	476078.8 3755618.4	504.7	0.59	5.35
0.55 YES						
L0003808	0	0.96226E-04	476090.3 3755618.5	504.5	0.59	5.35
0.55 YES						
L0003809	0	0.96226E-04	476101.8 3755618.7	504.3	0.59	5.35
0.55 YES						
L0003810	0	0.96226E-04	476113.3 3755618.9	504.1	0.59	5.35
0.55 YES						
L0003811	0	0.96226E-04	476124.8 3755619.1	503.9	0.59	5.35
0.55 YES						
L0003812	0	0.96226E-04	476136.3 3755619.3	503.7	0.59	5.35
0.55 YES	-					
L0003813	0	0.96226E-04	476147.8 3755619.5	503.4	0.59	5.35
0.55 YES	·	01702202 01	., 02		0.00	2122
L0003814	0	0.96226F-04	476159.3 3755619.6	503.2	0.59	5.35
0.55 YES	Ū	0.702202 0.	.,0133.3 3,33013.0	303.2	0.33	3.33
L0003815	0	0.96226F-04	476170.8 3755619.8	503.0	0.59	5.35
0.55 YES	Ū	0.302202 0.	1,01,010 3,3301310	303.0	0.33	3.33
L0003816	0	0 96226F-04	476182.3 3755620.0	502.8	0.59	5.35
0.55 YES	· ·	0.302202 04	470102.3 3733020.0	302.0	0.55	3.33
L0003817	0	0 96226F-04	476193.8 3755620.2	502.6	0.59	5.35
0.55 YES	U	0.70220L-04	470193.8 3733020.2	302.0	0.55	5.55
L0003818	0	0 06226E-04	476205.3 3755620.4	502.4	0.59	5.35
0.55 YES	U	0.30220L-04	470203.3 3733020.4	302.4	0.55	رد.د
L0003819	0	0 062265 04	476216.8 3755620.5	502.3	0.59	5.35
0.55 YES	Ø	0.902206-04	4/0210.8 3/33020.3	302.3	0.39	3.33
L0003820	0	0 062265 04	476228.3 3755620.7	502.2	0.59	5.35
	Ø	0.302206-04	4/0220.3 3/33020./	202.2	Ð.33	3.33
0.55 YES	Δ.	0 062265 04	476220 0 2755620 0	EQ2 1	0 50	F 2F
L0003821	0	v.90220E-04	476239.8 3755620.9	202.1	0.59	5.35
0.55 YES	VEDCTO	N 21112 ***	*** 2020 000047704	C AUTO	TOC	
↑ TTT AERMUD -	VEK210	W STTTS → → →	*** 2026 OPERATION	5 - AUIU	IUG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0003822 0.55 YES	0	0.96226E-04	476251.3	3755621.1	502.0	0.59	5.35
L0003823 0.55 YES	0	0.96226E-04	476262.8	3755621.3	501.9	0.59	5.35
L0003824 0.55 YES	0	0.96226E-04	476274.3	3755621.5	501.9	0.59	5.35
L0003825	0	0.96226E-04	476285.8	3755621.6	501.9	0.59	5.35
0.55 YES L0003826	0	0.96226E-04	476297.3	3755621.8	501.8	0.59	5.35
0.55 YES L0003827	0	0.96226E-04	476308.8	3755622.0	501.9	0.59	5.35
0.55 YES L0003828	0	0.96226E-04	476320.3	3755622.2	501.9	0.59	5.35
0.55 YES L0003829	0	0.96226E-04	476331.8	3755622.4	501.9	0.59	5.35
0.55 YES L0003830	0	0.96226E-04	476343.3	3755622.5	502.0	0.59	5.35
0.55 YES L0003831	0	0.96226E-04	476354.8	3755622.7	502.0	0.59	5.35
0.55 YES L0003832	0	0.96226E-04	476366.3	3755622.9	502.1	0.59	5.35
0.55 YES L0003833	0	0.96226E-04	476377.8	3755623.1	502.1	0.59	5.35
0.55 YES L0003834	0	0.96226E-04	476389.3	3755623.3	502.1	0.59	5.35
0.55 YES L0003835	0	0.96226E-04	476400.8	3755623.5	502.1	0.59	5.35
0.55 YES L0003836	0	0.96226E-04	476412.3	3755623.6	502.1	0.59	5.35
0.55 YES L0003837	0	0.96226E-04	476423.8	3755623.8	502.1	0.59	5.35
0.55 YES							

L0003838 0.55 YES	0	0.96226E-04	476435.3 3755624.0	502.1	0.59	5.35
L0003839 0.55 YES	0	0.96226E-04	476446.8 3755624.2	502.1	0.59	5.35
L0003840 0.55 YES	0	0.96226E-04	476458.3 3755624.4	502.1	0.59	5.35
L0003841 0.55 YES	0	0.96226E-04	476469.8 3755624.5	502.2	0.59	5.35
L0003842 0.55 YES	0	0.96226E-04	476481.3 3755624.7	502.2	0.59	5.35
L0003843 0.55 YES	0	0.96226E-04	476492.8 3755624.9	502.2	0.59	5.35
L0003844 0.55 YES	0	0.96226E-04	476504.3 3755625.1	502.2	0.59	5.35
L0003845 0.55 YES	0	0.96226E-04	476515.8 3755625.3	502.3	0.59	5.35
L0003846 0.55 YES	0	0.96226E-04	476527.2 3755625.5	502.3	0.59	5.35
L0003847 0.55 YES	0	0.96591E-04	476516.0 3755644.4	502.5	0.59	5.35
L0003848 0.55 YES	0	0.96591E-04	476504.5 3755644.2	502.4	0.59	5.35
L0003849 0.55 YES	0	0.96591E-04	476493.0 3755644.0	502.4	0.59	5.35
L0003850 0.55 YES	0	0.96591E-04	476481.5 3755643.8	502.4	0.59	5.35
L0003851 0.55 YES	0	0.96591E-04	476470.0 3755643.5	502.4	0.59	5.35
L0003852 0.55 YES	0	0.96591E-04		502.4	0.59	5.35
L0003853 0.55 YES	0	0.96591E-04		502.3	0.59	5.35
L0003854 0.55 YES	0	0.96591E-04		502.3	0.59	5.35
L0003855 0.55 YES	0	0.96591E-04	476424.1 3755642.6	502.3	0.59	5.35
L0003856 0.55 YES	0		476412.6 3755642.4			5.35
L0003857 0.55 YES	0		476401.1 3755642.2		0.59	5.35
L0003858 0.55 YES	0		476389.6 3755642.0	502.4	0.59	5.35
L0003859 0.55 YES	0		476378.1 3755641.7	502.5	0.59	5.35
L0003860 0.55 YES	0		476366.6 3755641.5	502.4	0.59	5.35
L0003861 0.55 YES	0 VEDCT		476355.1 3755641.3		0.59	5.35
↑ *** AERMOD -	VEK21(	)N 21112 *** ***	*** 2026 OPERATION 04/06/22	15 - AUTU T	Ju	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0003862 0.55 YES	0	0.96591E-04	476343.6	3755641.1	502.3	0.59	5.35
L0003863 0.55 YES	0	0.96591E-04	476332.1	3755640.8	502.2	0.59	5.35
L0003864 0.55 YES	0	0.96591E-04	476320.6	3755640.6	502.1	0.59	5.35
L0003865 0.55 YES	0	0.96591E-04	476309.1	3755640.4	502.1	0.59	5.35
L0003866 0.55 YES	0	0.96591E-04	476297.6	3755640.2	502.0	0.59	5.35
L0003867 0.55 YES	0	0.96591E-04	476286.1	3755639.9	502.0	0.59	5.35
L0003868 0.55 YES	0	0.96591E-04	476274.6	3755639.7	502.0	0.59	5.35
L0003869 0.55 YES	0	0.96591E-04	476263.1	3755639.5	502.0	0.59	5.35
L0003870 0.55 YES	0	0.96591E-04	476251.6	3755639.3	502.1	0.59	5.35
L0003871 0.55 YES	0	0.96591E-04	476240.1	3755639.1	502.1	0.59	5.35
L0003872 0.55 YES	0	0.96591E-04	476228.6	3755638.8	502.2	0.59	5.35
L0003873 0.55 YES	0	0.96591E-04	476217.1	3755638.6	502.3	0.59	5.35
L0003874 0.55 YES	0	0.96591E-04	476205.6	3755638.4	502.4	0.59	5.35
L0003875 0.55 YES	0	0.96591E-04	476194.1	3755638.2	502.6	0.59	5.35
L0003876 0.55 YES	0	0.96591E-04	476182.6	3755637.9	502.8	0.59	5.35
L0003877 0.55 YES	0	0.96591E-04	476171.1	3755637.7	502.9	0.59	5.35

L0003878 0.55 YES	0	0.96591E-04	476159.6 3755637.5	503.1	0.59	5.35
L0003879 0.55 YES	0	0.96591E-04	476148.1 3755637.3	503.3	0.59	5.35
L0003880 0.55 YES	0	0.96591E-04	476136.6 3755637.0	503.5	0.59	5.35
L0003881 0.55 YES	0	0.96591E-04	476125.1 3755636.8	503.7	0.59	5.35
L0003882 0.55 YES	0	0.96591E-04	476113.6 3755636.6	503.9	0.59	5.35
L0003883 0.55 YES	0	0.96591E-04	476102.1 3755636.4	504.1	0.59	5.35
L0003884 0.55 YES	0	0.96591E-04	476090.6 3755636.1	504.3	0.59	5.35
L0003885 0.55 YES	0	0.96591E-04	476079.1 3755635.9	504.5	0.59	5.35
L0003886 0.55 YES	0	0.96591E-04	476067.6 3755635.7	504.8	0.59	5.35
L0003887 0.55 YES	0	0.96591E-04	476056.1 3755635.5	505.0	0.59	5.35
L0003888 0.55 YES	0	0.96591E-04	476044.6 3755635.2	505.3	0.59	5.35
L0003889 0.55 YES	0	0.96591E-04	476033.1 3755635.0	505.5	0.59	5.35
L0003890 0.55 YES	0	0.96591E-04	476021.6 3755634.8	505.8	0.59	5.35
L0003891 0.55 YES	0	0.96591E-04	476010.1 3755634.6	506.0	0.59	5.35
L0003892 0.55 YES	0	0.96591E-04	475998.6 3755634.3	506.2	0.59	5.35
L0003893 0.55 YES	0	0.96591E-04	475987.1 3755634.1	506.4	0.59	5.35
L0003894 0.55 YES	0	0.96591E-04	475975.6 3755633.9	506.6	0.59	5.35
L0003895 0.55 YES	0	0.96591E-04	475964.1 3755633.7	506.9	0.59	5.35
L0003896 0.55 YES	0	0.96591E-04	475952.6 3755633.4	506.9	0.59	5.35
L0003897 0.55 YES	0	0.96591E-04	475941.1 3755633.2	506.9	0.59	5.35
L0003898 0.55 YES	0	0.96591E-04	475929.6 3755633.0	506.9	0.59	5.35
L0003899 0.55 YES	0	0.96591E-04	475918.2 3755632.8	506.8	0.59	5.35
L0003900 0.55 YES	0		475906.7 3755632.6	506.7	0.59	5.35
L0003901 0.55 YES	0		475895.2 3755632.3		0.59	5.35
↑ *** AERMOD -	- VERSIO	N 21112 *** ***	*** 2026 OPERATION: 04/06/22	S - AUTO TC	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI(	ON RATE					
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0003902	0	0.96591E-04	475883.7	3755632.1	506.6	0.59	5.35
0.55 YES							
L0003903	0	0.96591E-04	475872.2	3755631.9	505.5	0.59	5.35
0.55 YES							
L0003904	0	0.96591E-04	475860.7	3755631.7	504.4	0.59	5.35
0.55 YES							
L0003905	0	0.96591E-04	475849.2	3755631.4	503.6	0.59	5.35
0.55 YES							
L0003906	0	0.96591E-04	475837.7	3755631.2	502.9	0.59	5.35
0.55 YES							
L0003907	0	0.96591E-04	475826.2	3755631.0	503.3	0.59	5.35
0.55 YES	•	0.065045.04	4750447	2755620	504 <b>7</b>	0 50	- 2-
L0003908	0	0.96591E-04	4/5814./	3/55630.8	504.7	0.59	5.35
0.55 YES	0	0.065045.04	475002 2	2755620 5	505.0	0 50	F 2F
L0003909	0	0.96591E-04	4/5803.2	3/55630.5	505.8	0.59	5.35
0.55 YES	0	0 005015 04	475701 7	2755620 2	F0F 0	0 50	г эг
L0003910 0.55 YES	0	0.96591E-04	4/5/91./	3/33030.3	505.9	0.59	5.35
L0003911	0	0.96591E-04	175790 2	2755620 1	506.1	0.59	5.35
0.55 YES	V	0.903916-04	4/3/60.2	3/33030.1	300.1	0.39	3.33
L0003912	0	0.96591E-04	475768 7	3755629 9	506.1	0.59	5.35
0.55 YES	Ū	0.000011 04	473700.7	3733023.3	300.1	0.55	3.33
L0003913	0	0.96591E-04	475757.2	3755629.6	506.1	0.59	5.35
0.55 YES		••••••	.,,,,,,,,	J, JJ 0	500.1	0,00	
L0003914	0	0.96591E-04	475745.7	3755629.4	506.0	0.59	5.35
0.55 YES							
L0003915	0	0.96591E-04	475734.2	3755629.2	506.0	0.59	5.35
0.55 YES							
L0003916	0	0.96591E-04	475722.7	3755629.0	505.9	0.59	5.35
0.55 YES							
L0003917	0	0.96591E-04	475711.2	3755628.7	505.9	0.59	5.35
0.55 YES							

L0003918	0	0.96591E-04	475699.7 3755628.5	505.9	0.59	5.35
0.55 YES						
L0003919	0	0.96591E-04	475688.2 3755628.3	505.9	0.59	5.35
0.55 YES	_					
L0003920	0	0.96591E-04	475676.7 3755628.1	505.8	0.59	5.35
0.55 YES	0	0.96591E-04	475665 2 2755627 0	FAF O	0 50	F 2F
L0003921 0.55 YES	0	0.90591E-04	475665.2 3755627.8	505.9	0.59	5.35
L0003922	0	0.96591E-04	475653.7 3755627.6	505.9	0.59	5.35
0.55 YES	Ü	0.505511 04	473033.7 3733027.0	303.3	0.55	J. JJ
L0003923	0	0.96591E-04	475642.2 3755627.4	505.8	0.59	5.35
0.55 YES	-					
L0003924	0	0.96591E-04	475630.7 3755627.2	505.8	0.59	5.35
0.55 YES						
L0003925	0	0.96591E-04	475619.2 3755627.0	505.7	0.59	5.35
0.55 YES						
L0003926	0	0.96591E-04	475607.7 3755626.7	505.6	0.59	5.35
0.55 YES						
L0003927	0	0.96591E-04	475596.2 3755626.5	505.4	0.59	5.35
0.55 YES						
L0003928	0	0.96591E-04	475584.7 3755626.3	505.3	0.59	5.35
0.55 YES						
L0003929	0	0.96591E-04	475573.2 3755626.1	505.1	0.59	5.35
0.55 YES						
L0003930	0	0.96591E-04	475561.7 3755625.8	505.0	0.59	5.35
0.55 YES						
L0003931	0	0.96591E-04	475550.2 3755625.6	504.8	0.59	5.35
0.55 YES		0.045045.04				
L0003932	0	0.96591E-04	475538.7 3755625.4	504.7	0.59	5.35
0.55 YES	0	0.065015.04	475527 2 2755625 2	F04 F	0.50	F 2F
L0003933 0.55 YES	0	0.96591E-04	475527.2 3755625.2	504.5	0.59	5.35
0.55 YES L0003934	0	0.96591E-04	475515.7 3755624.9	504.3	0.59	5.35
0.55 YES	О	0.903916-04	4/3313./ 3/33024.9	304.3	0.59	5.33
L0003935	0	0 96591F-01	475504.2 3755624.7	504 2	0.59	5.35
0.55 YES	ð	0.90391L-04	4/3304.2 3/33024./	304.2	0.55	رد.ر
L0003936	0	0 96591F-04	475492.7 3755624.5	504.0	0.59	5.35
0.55 YES	Ū	0.000011 04	7,5452.7 5,55024.5	304.0	0.55	3.33
L0003937	0	0.96591F-04	475481.2 3755624.3	503.9	0.59	5.35
0.55 YES			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20212	0.00	2122
L0003938	0	0.96591E-04	475469.7 3755624.0	503.8	0.59	5.35
0.55 YES						
L0003939	0	0.96591E-04	475458.2 3755623.8	503.7	0.59	5.35
0.55 YES						
L0003940	0	0.96591E-04	475446.7 3755623.6	503.7	0.59	5.35
0.55 YES						
L0003941	0	0.96591E-04	475435.2 3755623.4	503.6	0.59	5.35
0.55 YES						
↑ *** AERMOD -	VERSI	ON 21112 ***	*** 2026 OPERATION	S - AUTO T	OG	

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)					
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID (METERS)		BY					
L0003942	0	0.96591E-04	475423.7	3755623.1	503.6	0.59	5.35
0.55 YES							
L0003943	0	0.96591E-04	475412.2	3755622.9	503.5	0.59	5.35
0.55 YES							
L0003944	0	0.96591E-04	475400.8	3755623.0	503.5	0.59	5.35
0.55 YES	•	0.065045.04	475200 2	2755622 4	E02 6	0 50	F 25
L0003945 0.55 YES	0	0.96591E-04	4/5389.3	3/55623.4	503.6	0.59	5.35
L0003946	0	0.96591E-04	//75377 <b>Q</b>	3755623 0	503.6	0.59	5.35
0.55 YES	O	0.50551E-04	4/33//.0	3733023.3	202.0	0.55	J <b>.</b> JJ
L0003947	0	0.96591E-04	475366.3	3755624.3	503.6	0.59	5.35
0.55 YES	-						
L0003948	0	0.96591E-04	475354.8	3755624.8	503.6	0.59	5.35
0.55 YES							
L0003949	0	0.96591E-04	475343.3	3755625.2	503.7	0.59	5.35
0.55 YES							
L0003950	0	0.96591E-04	475331.8	3755625.6	503.7	0.59	5.35
0.55 YES	0	0.065015.04	475220 2	2755626 1	F02 0	0 50	F 2F
L0003951 0.55 YES	0	0.96591E-04	4/5320.3	3/55626.1	503.8	0.59	5.35
L0003952	0	0.96591E-04	475308 8	3755626 5	503.8	0.59	5.35
0.55 YES	J	0.505512 04	473300.0	3733020.3	303.0	0.33	3.33
L0003953	0	0.96591E-04	475297.3	3755627.0	503.9	0.59	5.35
0.55 YES							
L0003954	0	0.96591E-04	475285.8	3755627.4	503.9	0.59	5.35
0.55 YES							
L0003955	0	0.96591E-04	475274.4	3755628.4	504.0	0.59	5.35
0.55 YES	_						
L0003956	0	0.96591E-04	475262.9	3755629.6	504.1	0.59	5.35
0.55 YES	•	0.065015.04	47F2F4 F	2755620	FQ4 1	0 50	F 2F
L0003957 0.55 YES	0	0.96591E-04	4/5251.5	3/33030.8	504.1	0.59	5.35
0.55 YES							

L0003958 0.55 YES	0	0.96591E-04	475240.1 3755632.0	504.1	0.59	5.35
L0003959 0.55 YES	0	0.96591E-04	475228.6 3755633.2	504.2	0.59	5.35
L0003960 0.55 YES	0	0.96591E-04	475217.2 3755634.5	504.2	0.59	5.35
L0003961 0.55 YES	0	0.96591E-04	475205.8 3755635.7	504.2	0.59	5.35
L0003962 0.55 YES	0	0.96591E-04	475194.3 3755636.9	504.3	0.59	5.35
L0003963 0.55 YES	0	0.96591E-04	475182.9 3755638.1	504.3	0.59	5.35
L0003964 0.55 YES	0	0.96591E-04	475171.5 3755639.3	504.4	0.59	5.35
L0003965 0.55 YES	0	0.96591E-04	475160.0 3755640.6	504.5	0.59	5.35
L0003966 0.55 YES	0	0.96591E-04	475148.6 3755641.9	504.5	0.59	5.35
L0003967 0.55 YES	0	0.96591E-04	475137.4 3755644.3	504.6	0.59	5.35
L0003968 0.55 YES	0	0.96591E-04	475126.1 3755646.7	504.7	0.59	5.35
L0003969 0.55 YES	0	0.96591E-04	475114.9 3755649.1	504.8	0.59	5.35
L0003970 0.55 YES	0	0.96591E-04	475103.6 3755651.4	504.9	0.59	5.35
L0003971 0.55 YES	0	0.96591E-04	475092.4 3755653.8	505.0	0.59	5.35
L0003972 0.55 YES	0	0.96591E-04	475081.1 3755656.2	505.1	0.59	5.35
L0003973 0.55 YES	0	0.96591E-04	475069.9 3755658.6	505.2	0.59	5.35
L0003974 0.55 YES	0	0.96591E-04	475058.6 3755660.9	505.3	0.59	5.35
L0003975 0.55 YES	0	0.96591E-04	475047.3 3755663.3	505.3	0.59	5.35
L0003976 0.55 YES	0	0.96591E-04	475036.1 3755665.7	505.4	0.59	5.35
L0003977 0.55 YES	0	0.96591E-04	475024.8 3755668.1	505.4	0.59	5.35
L0003978 0.55 YES	0	0.96591E-04	475013.6 3755670.4	505.5	0.59	5.35
L0003979 0.55 YES	0	0.96591E-04	475002.3 3755672.8	505.5	0.59	5.35
L0003980 0.55 YES	0		474991.1 3755675.2	505.6	0.59	5.35
L0003981 0.55 YES	0		474979.8 3755677.5		0.59	5.35
↑ *** AERMOD -	- VERSIO	N 21112 *** ***	*** 2026 OPERATIONS 04/06/22	S - AUTO TC	)G	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	
SZ SOURCE ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
`							
L0003982 0.55 YES	0	0.96591E-04	474968.6	3755679.9	505.8	0.59	5.35
L0003983 0.55 YES	0	0.96591E-04	474957.3	3755682.3	505.9	0.59	5.35
L0003984 0.55 YES	0	0.96591E-04	474946.1	3755684.7	505.9	0.59	5.35
L0003985 0.55 YES	0	0.96591E-04	474934.8	3755687.0	506.1	0.59	5.35
L0003986 0.55 YES	0	0.96591E-04	474923.6	3755689.4	506.1	0.59	5.35
L0003987	0	0.96591E-04	474912.3	3755691.8	506.2	0.59	5.35
0.55 YES L0003988	0	0.96591E-04	474901.1	3755694.2	506.2	0.59	5.35
0.55 YES L0003989	0	0.96591E-04	474889.8	3755696.5	506.2	0.59	5.35
0.55 YES L0003990	0	0.96591E-04	474878.6	3755698.9	506.2	0.59	5.35
0.55 YES L0003991	0	0.96591E-04	474867.3	3755701.3	506.2	0.59	5.35
0.55 YES L0003992	0	0.96591E-04	474856.1	3755703.7	506.1	0.59	5.35
0.55 YES L0003993	0	0.96591E-04	474844.8	3755706.0	506.0	0.59	5.35
0.55 YES L0003994	0	0.96591E-04	474833.6	3755708.4	506.0	0.59	5.35
0.55 YES L0003995	0	0.96591E-04	474822.3	3755710.8	506.0	0.59	5.35
0.55 YES L0003996	0	0.96591E-04	474811.1	3755713.2	506.0	0.59	5.35
0.55 YES L0003997	0	0.96591E-04	474799.8	3755715.5	506.1	0.59	5.35
0.55 YES							

L0003998 0.55 YES	0	0.96591E-04	474788.5 3755717.9	506.1	0.59	5.35
L0003999 0.55 YES	0	0.96591E-04	474777.3 3755720.3	506.2	0.59	5.35
L0004000 0.55 YES	0	0.96591E-04	474766.0 3755722.7	506.3	0.59	5.35
L0004001 0.55 YES	0	0.96591E-04	474754.8 3755725.0	506.3	0.59	5.35
L0004002 0.55 YES	0	0.96591E-04	474743.5 3755727.4	506.4	0.59	5.35
L0004003 0.55 YES	0	0.96591E-04	474732.3 3755729.8	506.5	0.59	5.35
L0004004 0.55 YES	0	0.96591E-04	474721.0 3755732.2	506.5	0.59	5.35
L0004005 0.55 YES	0	0.96591E-04	474709.8 3755734.5	506.4	0.59	5.35
L0004006 0.55 YES	0	0.96591E-04	474698.5 3755736.9	506.2	0.59	5.35
L0004007 0.55 YES	0	0.96591E-04	474687.3 3755739.3	506.1	0.59	5.35
L0004008 0.55 YES	0	0.96591E-04	474676.0 3755741.7	506.1	0.59	5.35
L0004009 0.55 YES	0	0.96591E-04	474664.8 3755744.0	506.0	0.59	5.35
L0004010 0.55 YES	0	0.96591E-04	474653.5 3755746.4	505.8	0.59	5.35
L0004011 0.55 YES	0	0.96591E-04	474642.3 3755748.8	505.5	0.59	5.35
L0004012 0.55 YES	0	0.96591E-04	474631.0 3755751.2	505.0	0.59	5.35
L0004013 0.55 YES	0	0.96591E-04	474619.8 3755753.5	504.6	0.59	5.35
L0004014 0.55 YES	0	0.96591E-04	474608.5 3755755.9	504.4	0.59	5.35
L0004015 0.55 YES	0	0.96591E-04	474597.3 3755758.3	504.3	0.59	5.35
L0004016 0.55 YES	0	0.96591E-04	474586.0 3755760.7	504.3	0.59	5.35
L0004017 0.55 YES	0	0.96591E-04	474574.8 3755763.0	504.4	0.59	5.35
L0004018 0.55 YES	0	0.96591E-04	474563.5 3755765.4	504.3	0.59	5.35
L0004019 0.55 YES	0		474552.3 3755767.8	504.2	0.59	5.35
L0004020 0.55 YES	0		474541.0 3755770.2	504.2	0.59	5.35
L0004021 0.55 YES	0		474529.7 3755772.5		0.59	5.35
↑ *** AERMOD -	- VERSIO	N 21112 *** ***	*** 2026 OPERATIONS 04/06/22	S - AUTO TO	OG	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 12:33:25

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER E EMISSION	MISSION RATE			BASE	RELEASE	INIT.
SOURCE		(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
			· <u>-</u>				
L0004022 0.55 YES	0 0	.96591E-04	474518.5	3755774.9	504.3	0.59	5.35
L0004023	0 0	.96591E-04	474507.2	3755777.3	504.4	0.59	5.35
0.55 YES L0004024	0 0	.96591E-04	474496.0	3755779.7	504.3	0.59	5.35
0.55 YES L0004025	0 0	.96591E-04	474484.7	3755782.0	504.2	0.59	5.35
0.55 YES L0004026	0 0	.96591E-04	474473.5	3755784.4	504.0	0.59	5.35
0.55 YES L0004027	0 0	.96591E-04	474462.2	3755786.8	503.8	0.59	5.35
0.55 YES L0004028	0 0	.96591E-04	474451.0	3755789.1	503.6	0.59	5.35
0.55 YES L0004029	0 0	.96591E-04	474439.7	3755791.5	503.5	0.59	5.35
0.55 YES L0004030	0 0	.96591E-04	474428.5	3755793.9	503.4	0.59	5.35
0.55 YES							
L0004031 0.55 YES	0 0	.96591E-04	474417.2	3755796.3	503.4	0.59	5.35
L0004032 0.55 YES	0 0	.96591E-04	474406.0	3755798.6	503.3	0.59	5.35
L0004033	0 0	.96591E-04	474394.7	3755801.0	503.3	0.59	5.35
0.55 YES L0004034	0 0	.96591E-04	474383.5	3755803.4	503.2	0.59	5.35
0.55 YES L0004035	0 0	.96591E-04	474372.2	3755805.8	503.2	0.59	5.35
0.55 YES L0004036	0 0	.96591E-04	474361.0	3755808.1	503.1	0.59	5.35
0.55 YES L0004037 0.55 YES	0 0	.96591E-04	474349.7	3755810.5	503.1	0.59	5.35

L0004038	0	0.96591E-04	474338.5 3755812.9	503.1	0.59	5.35
0.55 YES						
L0004039	0	0.96591E-04	474327.2 3755815.3	502.9	0.59	5.35
0.55 YES	_					
L0004040	0	0.96591E-04	474316.0 3755817.6	502.8	0.59	5.35
0.55 YES						
L0004041	0	0.96591E-04	474304.7 3755820.0	502.6	0.59	5.35
0.55 YES						
L0004042	0	0.96591E-04	474293.5 3755822.4	502.5	0.59	5.35
0.55 YES						
L0004043	0	0.96591E-04	474282.2 3755824.8	502.4	0.59	5.35
0.55 YES						
L0004044	0	0.96591E-04	474270.9 3755827.1	502.3	0.59	5.35
0.55 YES						
L0004045	0	0.96591E-04	474259.7 3755829.5	501.6	0.59	5.35
0.55 YES						
L0004046	0	0.96591E-04	474248.4 3755831.9	500.3	0.59	5.35
0.55 YES						
L0004047	0	0.96591E-04	474237.2 3755834.3	499.3	0.59	5.35
0.55 YES						
L0004048	0	0.96591E-04	474225.9 3755836.6	498.9	0.59	5.35
0.55 YES						
L0004049	0	0.96591E-04	474214.7 3755839.0	498.6	0.59	5.35
0.55 YES	-					
L0004050	0	0.96591E-04	474203.4 3755841.4	500.4	0.59	5.35
0.55 YES			.,		0.00	2.00
L0004051	0	0.96591E-04	474192.2 3755843.7	502.1	0.59	5.35
0.55 YES	ŭ	0.00000	1, 123212 3, 330 131,	30212	0.33	3.33
L0004052	0	0.96591E-04	474180.9 3755846.0	502.6	0.59	5.35
0.55 YES	O	0.505511 04	474100.9 3733040.0	302.0	0.55	5.55
L0004053	0	0.96591E-04	474169.6 3755848.4	502.7	0.59	5.35
0.55 YES	O	0.00001L-04	474109:0 3733048:4	302.7	0.55	5.55
L0004054	0	0 065015 04	474158.4 3755850.7	502.7	0.59	5.35
0.55 YES	Ø	0.303316-04	4/4138.4 3/33838./	302.7	0.39	رد. د
L0004055	0	0 065015 04	474147.1 3755853.1	502.6	0.59	5.35
0.55 YES	О	0.903916-04	4/414/.1 3/33633.1	302.0	0.59	5.33
	0	0 000015 04	474125 0 275565 4	F02 C	0. 50	F 2F
L0004056	0	0.96591E-04	474135.9 3755855.4	502.6	0.59	5.35
0.55 YES	0	0.065045.04	474424 6 2755057 7	F02 F	0 50	F 2F
L0004057	0	0.96591E-04	474124.6 3755857.7	502.5	0.59	5.35
0.55 YES	•	0.065045.04	474442 4 2755060 4	F00 4	0 50	- 2-
L0004058	0	0.96591E-04	474113.4 3755860.1	502.4	0.59	5.35
0.55 YES	_					
L0004059	0	0.96591E-04	474102.1 3755862.4	502.4	0.59	5.35
0.55 YES					_	_
L0004060	0	0.96591E-04	474090.8 3755864.8	502.4	0.59	5.35
0.55 YES						
L0004061	0	0.96591E-04	474079.6 3755867.1	502.4	0.59	5.35
0.55 YES						
★ *** AERMOD -	- VERSIC	N 21112 ***	*** 2026 OPERATION	S - AUTO	TOG	
		all all all	/ /			

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
						0.50	
L0004062 0.55 YES	0	0.96591E-04	4/4068.3	3/55869.4	502.4	0.59	5.35
L0004063	0	0.96591E-04	474057.1	3755871.8	502.3	0.59	5.35
0.55 YES	· ·	0.000011	1, 105, 12	3,330,210	302.3	0.33	3.33
L0004064	0	0.96591E-04	474045.8	3755874.1	502.2	0.59	5.35
0.55 YES							
L0004065	0	0.96591E-04	474034.5	3755876.5	502.1	0.59	5.35
0.55 YES L0004066	0	0.96591E-04	171022 2	2755070 0	501.8	0.59	5.35
0.55 YES	ð	0.90391L-04	4/4023.3	3/338/8.8	301.0	0.55	3.33
L0004067	0	0.96591E-04	474012.0	3755881.1	501.6	0.59	5.35
0.55 YES							
L0004068	0	0.96591E-04	474000.8	3755883.5	501.3	0.59	5.35
0.55 YES							
L0004069	0	0.96591E-04	473989.5	3755885.8	501.0	0.59	5.35
0.55 YES L0004070	0	0.96591E-04	172078 2	2755000 2	500.7	0.59	5.35
0.55 YES	ð	0.90391L-04	4/33/0.2	3/33888.2	300.7	0.55	3.33
L0004071	0	0.96591E-04	473967.0	3755890.5	500.4	0.59	5.35
0.55 YES							
L0004072	0	0.96591E-04	473955.7	3755892.8	500.2	0.59	5.35
0.55 YES	•	0.065045.04	472044 5	2755005 2	400.0	0 50	F 25
L0004073 0.55 YES	0	0.96591E-04	4/3944.5	3755895.2	499.9	0.59	5.35
L0004074	0	0.96591E-04	473933.2	3755897.5	499.7	0.59	5.35
0.55 YES	Ū	0.303312 01	173333.2	3733037.5	133.7	0.33	3.33
L0004075	0	0.96591E-04	473921.9	3755899.9	499.4	0.59	5.35
0.55 YES							
L0004076	0	0.96591E-04	473910.7	3755902.2	499.2	0.59	5.35
0.55 YES	0	0.000015.04	472000 4	2755004 5	400.0	0 50	F 35
L0004077	0	0.96591E-04	4/3899.4	3/55904.5	498.9	0.59	5.35
0.55 YES							

L0004078 0.55 YES	0	0.96591E-04	473888.2 3755906.9	498.6	0.59	5.35
L0004079 0.55 YES	0	0.96591E-04	473876.9 3755909.2	498.3	0.59	5.35
L0004080 0.55 YES	0	0.96591E-04	473865.6 3755911.6	498.0	0.59	5.35
L0004081 0.55 YES	0	0.96591E-04	473854.4 3755913.9	497.7	0.59	5.35
L0004082	0	0.96591E-04	473843.1 3755916.2	497.4	0.59	5.35
0.55 YES L0004083	0	0.96591E-04	473831.9 3755918.6	497.2	0.59	5.35
0.55 YES L0004084 0.55 YES	0	0.96591E-04	473820.6 3755920.9	496.9	0.59	5.35
L0004085 0.55 YES	0	0.96591E-04	473809.3 3755923.3	496.6	0.59	5.35
L0004086 0.55 YES	0	0.96591E-04	473798.1 3755925.6	496.2	0.59	5.35
L0004087 0.55 YES	0	0.96591E-04	473786.8 3755927.9	495.9	0.59	5.35
L0004088 0.55 YES	0	0.96591E-04	473775.6 3755930.3	495.5	0.59	5.35
L0004089 0.55 YES	0	0.96591E-04	473764.3 3755932.6	495.2	0.59	5.35
L0004090 0.55 YES	0	0.96591E-04	473753.1 3755935.0	494.9	0.59	5.35
L0004091 0.55 YES	0	0.96591E-04	473741.8 3755937.3	494.5	0.59	5.35
L0004092 0.55 YES	0	0.96591E-04	473730.5 3755939.6	494.2	0.59	5.35
L0004093 0.55 YES	0	0.96591E-04	473719.3 3755942.0	493.8	0.59	5.35
L0004094 0.55 YES	0	0.96591E-04	473708.0 3755944.3	493.4	0.59	5.35
L0004095 0.55 YES	0	0.96591E-04	473696.8 3755946.7	493.0	0.59	5.35
L0004096 0.55 YES	0	0.96591E-04	473685.5 3755949.0	492.6	0.59	5.35
L0004097 0.55 YES	0	0.96591E-04	473674.2 3755951.3	492.2	0.59	5.35
L0004098 0.55 YES	0	0.96591E-04	473663.0 3755953.7	491.7	0.59	5.35
L0004099 0.55 YES	0	0.96591E-04	473651.7 3755956.0	491.2	0.59	5.35
L0004100 0.55 YES	0	0.96591E-04	473640.5 3755958.4	491.0	0.59	5.35
L0004101 0.55 YES	0	0.96591E-04	473629.2 3755960.7	490.7	0.59	5.35
↑ *** AERMOD -	- VERSIO	N 21112 *** ***	*** 2026 OPERATION 04/06/22	S - AUTO TO	)G	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID	CATS.	v/ (( )	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		3Y			,	, ,	
L0004102 0.55 YES	0 6	0.96591E-04	473617.9	3755963.0	490.2	0.59	5.35
L0004103 0.55 YES	0 6	0.96591E-04	473606.7	3755965.4	489.4	0.59	5.35
L0004104 0.55 YES	0 6	0.96591E-04	473595.4	3755967.7	488.7	0.59	5.35
L0004105 0.55 YES	0 6	0.96591E-04	473584.2	3755970.1	488.1	0.59	5.35
L0004106 0.55 YES	0 6	0.96591E-04	473572.9	3755972.4	487.5	0.59	5.35
L0004107 0.55 YES	0 6	0.96591E-04	473561.6	3755974.7	487.1	0.59	5.35
L0004108 0.55 YES	0 6	0.96591E-04	473550.4	3755977.1	486.8	0.59	5.35
L0004109 0.55 YES	0 6	0.96591E-04	473539.1	3755979.4	486.4	0.59	5.35
L0004110 0.55 YES	0 6	0.96591E-04	473527.9	3755981.8	486.1	0.59	5.35
↑ *** AERMOD -	VERSION		*** 2026 04/06/22		NS - AUTO	TOG	
*** AERMET -	VERSION						
		***	12:33:25				
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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID SOURCE IDs

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

ALL L0003587	L0003582 , L0003588	, L0003583 , L0003589	, L0003584	, L0003585	, L0003586	,
L0003595	L0003590 , L0003596	, L0003591 , L0003597	, L0003592	, L0003593	, L0003594	,
L0003603	L0003598 , L0003604	, L0003599 , L0003605	, L0003600 ,	, L0003601	, L0003602	,
L0003611	L0003606 , L0003612	, L0003607 , L0003613	, L0003608 ,	, L0003609	, L0003610	,
L0003619	L0003614 , L0003620	, L0003615 , L0003621	, L0003616 ,	, L0003617	, L0003618	y
L0003627	L0003622 , L0003628	, L0003623 , L0003629	, L0003624 ,	, L0003625	, L0003626	,
L0003635	L0003630 , L0003636	, L0003631 , L0003637	, L0003632 ,	, L0003633	, L0003634	y
L0003643	L0003638 , L0003644	, L0003639 , L0003645	, L0003640 ,	, L0003641	, L0003642	y
L0003651	L0003646 , L0003652	, L0003647 , L0003653	, L0003648 ,	, L0003649	, L0003650	y
L0003659	L0003654 , L0003660	, L0003655 , L0003661	, L0003656 ,	, L0003657	, L0003658	y
L0003667	L0003662 , L0003668	, L0003663 , L0003669	, L0003664 ,	, L0003665	, L0003666	,
L0003675	L0003670 , L0003676	, L0003671 , L0003677	, L0003672 ,	, L0003673	, L0003674	y
L0003683	L0003678 , L0003684	, L0003679 , L0003685	, L0003680 ,	, L0003681	, L0003682	y
L0003691	L0003686 , L0003692	, L0003687 , L0003693	, L0003688 ,	, L0003689	, L0003690	y
L0003699	L0003694 , L0003700	, L0003695 , L0003701	, L0003696 ,	, L0003697	, L0003698	,
L0003707	L0003702 , L0003708	, L0003703 , L0003709	, L0003704	, L0003705	, L0003706	,
	L0003710	, L0003711	, L0003712	, L0003713	, L0003714	y

L0003715	, L0003716	, L0003717	,						
L0003723	L0003718 , L0003724	, L0003719 , L0003725	, L0003720 ,	, L0003721	, L0003722	,			
L0003731		, L0003727 , L0003733	, L0003728 ,	, L0003729	, L0003730	,			
L0003734 , L0003735 , L0003736 , L0003737 , L0003738 , L0003739 , L0003740 , L0003741 ,  *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG  *** 04/06/22  *** AERMET - VERSION 16216 *** ***  *** 12:33:25									
PAGE 17 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*									
			*** SOUR	CE IDs DEFININ	G SOURCE GROUPS	***			
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L0003779	L0003774 , L0003780	, L0003775 , L0003781	, L0003776	, L0003777	, L0003778	<b>,</b>			
L0003787	L0003782 , L0003788	, L0003783 , L0003789	, L0003784 ,	, L0003785	, L0003786	,			
L0003795	L0003790 , L0003796	, L0003791 , L0003797	, L0003792	, L0003793	, L0003794	,			
L0003803	L0003798 , L0003804	, L0003799 , L0003805	, L0003800 ,	, L0003801	, L0003802	,			

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★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                        ***
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                12:33:25
                                PAGE 18
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                                         *** SOURCE IDS DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                       SOURCE IDs
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L0003931	L0003926 , L0003932	, L0003927 , L0003933	, L0003928	, L0003929	, L0003930	,
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↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                               04/06/22
                              ***
 *** AERMET - VERSION 16216 ***
                     ***
                               12:33:25
                               PAGE 19
                 RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                     SOURCE IDs
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★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                               04/06/22
                    16216 *** ***
*** AERMET - VERSION
                               12:33:25
                               PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
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URBAN ID	URBAN POP	SOURCE IDs				
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L0003619	L0003614 , L0003620	, L0003615 , L0003621	, L0003616	, L0003617	, L0003618	,
L0003627	L0003622 , L0003628	, L0003623 , L0003629	, L0003624	, L0003625	, L0003626	,
L0003635	L0003630 , L0003636	, L0003631 , L0003637	, L0003632	, L0003633	, L0003634	,
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L0003659	L0003654 , L0003660	, L0003655 , L0003661	, L0003656	, L0003657	, L0003658	,
L0003667	L0003662 , L0003668	, L0003663 , L0003669	, L0003664	, L0003665	, L0003666	,
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L0003731	L0003726 , L0003732	, L0003727 , L0003733	, L0003728	, L0003729	, L0003730	J
	L0003734 , L0003740 DD - VERSION	, L0003741 21112 *** * *** 04	** 2026 OPERA <sup>-</sup> 4/06/22	, L0003737 TIONS - AUTO TO	, L0003738 G	,
*** AERMET	- VERSION	-	* 33:25			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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L0003771	L0003766 , L0003772	, L0003767 , L0003773	, L0003768	, L0003769	, L0003770	,
L0003779	L0003774 , L0003780	, L0003775 , L0003781	, L0003776	, L0003777	, L0003778	,
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                                    *** 2026 OPERATIONS - AUTO TOG
★ *** AERMOD - VERSION 21112 ***
                                   04/06/22
*** AERMET - VERSION 16216 ***
                                 12:33:25
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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L0003923	L0003918 , L0003924	, L0003919 , L0003925	, L0003920	, L0003921	, L0003922	ŋ
L0003931	L0003926 , L0003932	, L0003927 , L0003933	, L0003928	, L0003929	, L0003930	y
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L0003979	L0003974 , L0003980	, L0003975 , L0003981	, L0003976	, L0003977	, L0003978	,
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L0004027	L0004022 , L0004028	, L0004023 , L0004029	, L0004024	, L0004025	, L0004026	,				
L0004035	L0004030 , L0004036	, L0004031 , L0004037	, L0004032	, L0004033	, L0004034	y				
L0004043	L0004038 , L0004044	, L0004039 , L0004045	, L0004040 ,	, L0004041	, L0004042	,				
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	L0004054 , L0004055 , L0004056 , L0004057 , L0004058 , L0004059 , L0004060 , L0004061 , ↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG *** 04/06/22 *** AERMET - VERSION 16216 *** *** 12:33:25									
*** MODELC	OPTs: RegDI	PAGE FAULT CONC EL		DJ_U*						
***			*** SOURC	E IDs DEFINED	AS URBAN SOURCE	ΞS				
URBAN ID	URBAN POP			SOURCE	IDs 					
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↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
*** AERMET - VERSION
                    16216 ***
                              ***
                              12:33:25
                              PAGE 24
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                     *** X-COORDINATES OF GRID ***
                                              (METERS)
      474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0,
474796.0,
                                     *** Y-COORDINATES OF GRID ***
                                              (METERS)
     3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6,
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                              12:33:25
                              PAGE 25
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474691.04 474706.04 474721.04
                                                   474736.04
                                                               474751.04
474766.04 474781.04 474796.04
                   497.50
                                          497.30
                                                     497.10
 3755633.62
                               497.60
                                                                 497.00
                    496.60
 497.00
            497.00
 3755618.62
                   496.90
                               497.10
                                          497.10 497.00 496.90
           497.10 495.90
                   496.70
 3755603.62
                              497.00
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                                                      497.00
                                                                 497.00
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L0004107 , L0004108 , L0004109 ,

	496.90 496.70 *** 2026 OF 04/06/22 *** 12:33:25 PAGE 26	496.80 PERATIONS - AU	497.00	
*** MODELOPTs: RegDFAULT CONC		N ADJ_U* [D: UCART1 ;	NETWORK TYP	E: GRIDCART
		* HILL HEIGH	T SCALES IN M	ETERS *
Y-COORD   (METERS)   474691.04 47474766.04 474781.04 474796.0		74721.04 47	X-COORD (ME 4736.04 47	TERS) 4751.04
3755633.62   789.90 789.90 789.90 789.90	)			789.90
3755618.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755603.62   789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755588.62   789.90 789.90 789.90 789.90		789.90	789.90	789.90
789.90 789.90 789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
*** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***  ***	*** 2026 OF 04/06/22 *** 12:33:25	PERATIONS - AL	JTO TOG	
*** MODELOPTs: RegDFAULT CONC	PAGE 27 ELEV URBAN	N ADJ_U*		
	*** GR]	IDDED RECEPTOR	NETWORK SUMM	ARY ***
***	*** NETWORK ]	ID: UCART2 ;	NETWORK TYP	E: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

474790.5, 474805.5, 474820.5, 474835.5, 474850.5, 474865.5, 474880.5, 474895.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755561.1, 3755576.1, 3755591.1, 3755606.1,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD	[			X-COORD	(METERS)
(METERS)	474790	.51 474805.51	474820.51	474835.51	474850.51
474865.51	474880.51	474895.51			
3755606.07	496	.10 494.50	493.70	493.20	493.20
493.30	493.40	493.60			
	1				

3/33000.0/		770.10	777.50	722.70	777.20	777.20
493.30	493.40	493.60				
3755591.07		495.90	494.00	493.30	492.90	492.90
492.90	492.90	492.70				
3755576.07		495.60	493.50	493.00	492.60	492.70
492.70	492.60	492.10				
3755561.07		495.20	493.10	492.70	492.40	492.50
492.50	492.40	492.10				
*** VEDMOD	VEDCTO		*** 2020	ODEDATIONS	ALITO TOC	

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 474790.51 474805.51 474820.51 474835.51 474850.51 474865.51 474880.51 474895.51

3755606.07   789.90 78					
789.90 7			789.90	789.90	789.90
3755576.07   789.90 78	3755591.07   789.90	789.90	789.90	789.90	789.90
789.90 7	3755576.07   789.90	789.90	789.90	789.90	789.90
*** AERMET - VERSION 16216 *** ***  12:33:25  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** RETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** Y-COORDINATES OF GRID ***  (METERS)  3755608.3, 3755623.3,  *** AERMET - VERSION 16216 *** ***  *** AERMET - VERSION 16216 ***  *** PAGE 31  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** *** ***  *** ***  *** ***  *** DETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** (METERS)  *** AERMET - VERSION 16216 ***  *** ***  *** 12:33:25  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD     *** ***  *** ***  *** ***  *** ***  *** ***  ***  ***  *** ***  ***  *** ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  **  **  **  **  **  **  **  **	3755561.07   789.90	789.90	789.90	789.90	789.90
*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** GRIDDED RECEPTOR NETWORK SUMMARY ***  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** X-COORDINATES OF GRID *** (METERS)  474800.9, 474815.9,  *** Y-COORDINATES OF GRID *** (METERS)  3755608.3, 3755623.3,  *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG 04/06/22  *** AERMET - VERSION 16216 *** *** 12:33:25  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD	*** *** AERMET - VERSION 16216	04/06/22 *** ***	OPERATIONS -	AUTO TOG	
*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***   *** X-COORDINATES OF GRID *** (METERS)   474800.9, 474815.9,   *** Y-COORDINATES OF GRID *** (METERS)   *** Y-COORDINATES OF GRID *** (METERS)   *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG  4** AERMET - VERSION 16216 *** ***  *** 12:33:25  PAGE 31  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD    *** X-COORD (METERS)	*** MODELOPTs: RegDFAULT		AN ADJ_U*		
*** X-COORDINATES OF GRID ***  (METERS)  474800.9, 474815.9,  *** Y-COORDINATES OF GRID *** (METERS)  3755608.3, 3755623.3,  *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG 04/06/22  *** AERMET - VERSION 16216 *** *** 12:33:25  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)		*** G	RIDDED RECEPT	OR NETWORK SU	MMARY ***
#** Y-COORDINATES OF GRID ***  3755608.3, 3755623.3,  ↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG  04/06/22  *** AERMET - VERSION 16216 *** ***  12:33:25  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  Y-COORD   X-COORD (METERS)	***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
*** Y-COORDINATES OF GRID ***  (METERS)  3755608.3, 3755623.3,  *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG  *** 04/06/22  *** AERMET - VERSION 16216 *** ***  *** 12:33:25  PAGE 31  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD    *** X-COORD (METERS)		***			
3755608.3, 3755623.3,  ↑ *** AERMOD - VERSION 21112	474800.9, 474815.9,				
*** AERMOD - VERSION 21112 ***		***			
*** AERMET - VERSION 16216 *** ***  *** PAGE 31  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)	♠ *** AERMOD - VERSION 21112		OPERATIONS -	AUTO TOG	
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  * ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)	*** AERMET - VERSION 16216	*** ***			
***  * ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)	*** MODELOPTs: RegDFAULT		AN ADJ_U*		
Y-COORD   X-COORD (METERS)	***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
			* ELEVATIO	N HEIGHTS IN	METERS *
	· ·	474815.90		X-COORD (	METERS)

- - - - -

- -

- - - - - -

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```
3755623.35 | 495.80 495.20
 3755608.35
                   495.00
                               494.00
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               12:33:25
                               PAGE 32
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                               *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART
***
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                474800.90 474815.90
 3755623.35
                   789.90
                                789.90
 3755608.35
                   789.90
                               789.90
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                     ***
                               12:33:25
                               PAGE 33
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                       *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                              12:33:25
```

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*** MODELOPTs: RegDFAUL	PAGE 34 T CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD   (METERS)   474820.8	X-COORD (METERS) 1 474835.81
3755622.54   495.6 3755607.54   493.7 ★ *** AERMOD - VERSION 2111 ***  *** AERMET - VERSION 1623 ***	0 493.20 L2 *** *** 2026 OPERATIONS - AUTO TOG * 04/06/22
*** MODELOPTs: RegDFAUL	PAGE 35 T CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   474820.8	* HILL HEIGHT SCALES IN METERS *  X-COORD (METERS)  1 474835.81
(METERS)   474820.8	X-COORD (METERS)  1     474835.81
(METERS)   474820.8 	X-COORD (METERS)  1 474835.81
(METERS)   474820.8 	X-COORD (METERS)  1  474835.81
(METERS)   474820.8 	X-COORD (METERS)  1     474835.81

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

	- /
3755600.4, 3755615.4, ↑ *** AERMOD - VERSION 21112 *** *** AERMET - VERSION 16216 ***	04/06/22
*** MODELOPTs: RegDFAULT	PAGE 37 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD   (METERS)   474838.93	X-COORD (METERS) 474853.93
↑ *** AERMOD - VERSION 21112	493.10 *** *** 2026 OPERATIONS - AUTO TOG 04/06/22
*** MODELOPTs: RegDFAULT	PAGE 38 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   474838.93	X-COORD (METERS) 474853.93
3755615.41   789.90 3755600.41   789.90 ↑ *** AERMOD - VERSION 21112 ***	789.90 789.90 *** *** 2026 OPERATIONS - AUTO TOG 04/06/22

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

474857.7, 474872.7,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755596.5, 3755611.5,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD X-COORD (METERS)

3755611.53 | 493.30 493.50

3755596.53 493.00 493.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 474857.73 474872.73

 3755611.53 |
 789.90
 789.90

 3755596.53 |
 789.90
 789.90

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755313.7, 3755333.7,

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 475108.79 475128.79 475148.79 475168.79

3755333.70		493.70	492.80	)	492.30	492.40	492.80
402 20	400 70	404 70		406 20			
3755313.70		493.20	492.40	)	492.00	492.00	492.40
492 80	493 10	493 60	1	494 40			
3755293.70		492.90	492.20	)	491.80	491.70	492.00
492.40	492.60	492.90	)	493.40			
3755273.70		492.90	492.10	)	491.60	491.50	491.70
492.00	492.30	492.60	)	493.10			
3755253.70		492.60	492.00	)	491.60	491.40	491.50
491.80	492.20	492.60	)	493.20			
3755233.70		492.30	491.90	)	491.60	491.40	491.40
491.70	492.20	492.70	)	493.30			
3755213.70		492.00	491.80	)	491.70	491.60	491.50
404 00	400 00	400 00					
3755193.70		492.00	492.00	)	492.00	491.90	491.70
404 00	400 00	400 00		402 20			
					492.10	492.00	491.70
		492.70					
					492.10	492.00	491.70
491.90	492.20	492.50		492.90			
↑ *** AERMOD -	- VERSIO	N 21112 ***	*** 2	2026 OP	ERATIONS - AL	ITO TOG	
district a Conserva		***	04/06	/22			
*** AERMET -	VERSION						
		***	12:33:2	.5			
			DAGE 4				
*** MODELODE	n Do	~DEAULT CONC			VD3 11*		
*** MODELOPTS	: Ke	SDEADLI CONC	ELEV	UKBAN	ADJ_U*		
			*** NET	NODV TI	D: UCART7 ;	NETLIODE TVI	DE. CDIDCADI
***			· · · INE I	MOKK II	J. UCARI7 ,	NEIWORK III	PE. GRIDCARI
					* FLEVATION	HEIGHTS IN MI	FTFRS *
					LLLVATION	TILIGITIS IN TH	LILIO
Y-COORD						X-COORD (MI	ETERS)
(METERS)	475	5288.79				7. COOKE (11.	
3755333.70		496.60					
3755313.70		494.90					
3755293.70		494.00					
3755273.70		493.80					
3755253.70		493.90					
3755233.70		493.90					
3755213.70		493.90					
3755193.70		493.70					

475208.79 475228.79 475248.79 475268.79

3755173.70 | 493.50 3755153.70 | 493.40

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

#### \* HILL HEIGHT SCALES IN METERS \*

X-COORD (METERS)

/METERS\	1 475	100 70 471	120 70 471	E140 70	475160 70	475188.79
	•				4/5108./9	4/5188./9
475208.79	4/5228./9	4/5248./9	4/5268./9	9		
	_					
			789.90		789.90	789.90
			789.90			
3755313.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755293.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755273.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755253.70	1	789.90	789.90	789.90	789.90	789.90
			789.90			
			789.90		789.90	789.90
			789.90			
			789.90		789.90	789.90
			789.90			
3755193.70	1	789.90	789.90	789.90	789.90	789.90
			789.90			
			789.90		789.90	789.90
			789.90			
			789.90		789.90	789.90
			789.90			
★ *** AERMOD					AUTO TOG	
		***	04/06/22			
*** AERMET -	VERSION	16216 ***	***			

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12:33:25

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

## \* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	   475288.79	X-COORD (METERS)
	<u>.</u>	
3755253.70 3755233.70 3755213.70 3755193.70 3755173.70	789.90	
↑ *** AERMOD	- VERSION 21112 **	* *** 2026 OPERATIONS - AUTO TOG 04/06/22 *** 12:33:25
*** MODELOPT	s: RegDFAULT CO	PAGE 47 NC ELEV URBAN ADJ_U*  *** GRIDDED RECEPTOR NETWORK SUMMARY ***
***		*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART
		*** X-COORDINATES OF GRID *** (METERS)
475291.6, 47	.6, 475171.6, 475 5311.6, 475331.6, .6, 475371.6,	191.6, 475211.6, 475231.6, 475251.6, 475271.6,
		*** Y-COORDINATES OF GRID *** (METERS)
↑ *** AERMOD	.3, 3755358.3, 3755 - VERSION 21112 **	* *** 2026 OPERATIONS - AUTO TOG 04/06/22
*** MODELOPT	s: RegDFAULT CO	PAGE 48 NC ELEV URBAN ADJ_U*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

Y-COORD |

#### \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

i cookb				A COUND	(TILTERS)	
(METERS)   475251.63 4752	475151.63 47 271.63 475291.6			475211.63	475231.63	
						-
	497.20			496.70	497.40	
3755378.30	97.90 497.70 495.90	495.60	495.20	495.30	496.30	
3755358.30	97.80 497.60 494.40	494.20	493.80	494.10	495.20	
3755338.30	97.40 497.30 492.60	492.70	493.00	493.50	494.00	
	06.60 496.90 ERSION 21112 *** ***	*** 2026 OF	PERATIONS -	AUTO TOG		
*** AERMET - VER	RSION 16216 *** ***	***				
		PAGE 49				
*** MODELOPTs:	RegDFAULT CONC	_	I ADJ_U*			

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	475331.63	475351.63	475371.63	

3755398.30 497.60 497.70 497.90 3755378.30 497.20 497.20 497.60 3755358.30 496.70 496.80 497.30 3755338.30 496.00 496.30 497.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

04/06/22 \*\*\*

\*\*\* AERMET - VERSION 16216 \*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

			* HILL HE	IGHT SCALES	IN METERS *
	475151.63 4 175271.63 475291.		475191.63	X-COORD 475211.63	(METERS) 475231.63
789 90	789.90 789.90 789.9	789	9 90		
3755378.30	789.90	789.90	789.90	789.90	789.90
3755358.30	789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755338.30	789.90	789.90	789.90	789.90	789.90
789.90 ↑ *** AERMOD *** AERMET -	789.90 789.90 - VERSION 21112 ***  ***  VERSION 16216 ***  ***	04/06/22 ***	2	AUTO TOG	
*** MODELOPTS	s: RegDFAULT CON	PAGE 51 C ELEV UI	RBAN ADJ_U*		
de de de		*** NETWO	RK ID: UCART8	; NETWORK	TYPE: GRIDCART
***					
			* HILL HE	IGHT SCALES	IN METERS *
Y-COORD (METERS)	475331.63 4	75351 <b>.</b> 63	475371.63 	X-COORD	(METERS)
3755378.30 3755358.30 3755338.30	789.90 789.90 - VERSION 21112 ***	789.90 789.90 789.90	789.90 789.90 789.90 6 OPERATIONS -	AUTO TOG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

<sup>\*\*\*</sup> GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\* (METERS)

475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6,

> \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755404.0, 3755424.0, 3755444.0,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD	(METERS)	
(METERS)	475	185.62	475205.62	475225.62	475245.62	475265.62	
475285.62	475305.62	47532	5.62 47534	45.62			
							-
3755444.04	1	496.90	497.10	497.40	497.80	498.10	
498.30	498.40	498	.50 498	3.50			
2===424 24	1	407.00	40= 00	407.40	40= 00	400 00	

3755424.04 | 497.00 497.20 497.40 497.80 498.00 498.10 498.20 498.20

3755404.04 | 496.90 496.80 497.20 497.80 497.90 497.80 497.70 497.70

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\*

12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

497.80

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475365.62	X-COORD (METERS)
*** *** AERMET - VERSION 16216 *	*** *** 2026 OPERATIONS - AUTO TOG
*** MODELOPTs: RegDFAULT	PAGE 55 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475185.62 475285.62 475305.62 4753	X-COORD (METERS) 475205.62 475225.62 475245.62 475265.62 25.62 475345.62
3755444.04   789.90 789.90 789.90 78	789.90 789.90 789.90 789.90
3755424.04   789.90	789.90 789.90 789.90 789.90
789.90 789.90 78 3755404.04   789.90	789.90 789.90 789.90 789.90
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216 *  ***	9.90 789.90 *** *** 2026 OPERATIONS - AUTO TOG 04/06/22 ** *** 12:33:25
*** MODELOPTs: RegDFAULT	PAGE 56 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD	X-COORD (METERS)

```
(METERS) | 475365.62
                789.90
789.90
 3755444.04
 3755424.04
 3755404.04
                  789.90
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                              12:33:25
                              PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755450.2, 3755470.2, 3755490.2,
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              12:33:25
                              PAGE 58
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS) |
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
 3755490.18 | 497.30 497.80 498.20 498.60 499.00
 499.10 499.20
```

3755470.18   498.90 49	497.40 8 90	497.80	498.20	498.50	498.80
3755450.18	497.50	497.90	498.20	498.40	498.50
498.60 49 ★ *** AERMOD - VE *** AERMET - VER	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
	***	12:33:25			
*** MODELOPTs:	RegDFAULT COM	PAGE 59 IC ELEV URE	BAN ADJ_U*		
***		*** NETWORK	( ID: UCART12	; NETWORK	TYPE: GRIDCART
			* HILL HE	IGHT SCALES IN	N METERS *
Y-COORD   (METERS)   475330.47 4753	475230.47 4 50.47	75250.47	475270.47	X-COORD ( 475290.47	
3755490.18   789.90 78	789.90 9.90	789.90	789.90	789.90	789.90
3755470.18   789.90 78		789.90	789.90	789.90	789.90
3755450.18   789.90 78		789.90	789.90	789.90	789.90
↑ *** AERMOD - VE	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** AERMET - VER	SION 16216 *** ***	*** 12:33:25			
*** MODELOPTs:	RegDFAULT COM	PAGE 60 IC ELEV URE	BAN ADJ_U*		
		*** (	GRIDDED RECEPT	TOR NETWORK SU	JMMARY ***
***		*** NETWORK	( ID: UCART13	; NETWORK	TYPE: GRIDCART
		***	* X-COORDINATE (METER		*
475254.8,	475274.8, 4752	294.8, 47531	14.8, 475334.	.8,	
		***	Y-COORDINATE	S OF GRID ***	*

(METERS)

```
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG

*** 04/06/22
*** AERMET - VERSION 16216 *** ***
                              12:33:25
                              PAGE 61
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                          * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                      X-COORD (METERS)
   (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84
 3755513.80 498.20 498.70 499.10 499.40
                                                               499.50
                                         498.80
 3755493.80
                  498.00
                             498.40
                                                     499.10
                                                                499.20
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                              12:33:25
                              PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
                                          * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                      X-COORD (METERS)
               475254.84 475274.84 475294.84 475314.84 475334.84
   (METERS)
                  789.90
 3755513.80
                             789.90
                                          789.90
                                                     789.90
                                                                 789.90
 3755493.80 | 789.90
                              789.90
                                          789.90
                                                     789.90
                                                                 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              12:33:25
                              PAGE 63
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
```

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

3755493.8, 3755513.8,

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

PAGE 64

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD	(METERS)	
(METERS)	475293.48	475313.48	475333.48	475353.48	475373.48	
						_
3755332.63	496.50	496.00	495.80	496.30	497.10	
3755312.63	494.90	495.00	495.40	496.10	497.10	
3755292.63	494.10	494.60	495.30	496.10	496.90	
3755272.63	494.00	494.70	495.40	496.20	496.80	
3755252.63	494.10	494.70	495.40	496.00	496.50	
3755232.63	494.10	494.70	495.20	495.70	496.10	
3755212.63	494.00	494.50	494.90	495.30	495.80	
↑ *** AERMOD -	VERSION 21112	*** *** 2	2026 OPERATIONS	- AUTO TOG		
	***	04/06	5/22			
*** AERMET - V	/ERSION 16216	*** ***				

\*\*\* 12:33:25

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> HILL HEIGHT SCALES IN METERS \*

Y-COORD   (METERS)	475293 <b>.</b> 48	475313.48 	475333.48 		(METERS) 475373.48
3755332.63	789.90	789.90	789.90	789.90	789.90
3755312.63	789.90	789.90	789.90	789.90	789.90
3755292.63	789.90	789.90	789.90	789.90	789.90
3755272.63	789.90	789.90	789.90	789.90	789.90
3755252.63	789.90	789.90	789.90	789.90	789.90
3755232.63	789.90	789.90	789.90	789.90	789.90
3755212.63	789.90	789.90	789.90	789.90	789.90
★ *** AERMOD -			26 OPERATIONS	- AUTO TOG	
	***	04/06/2	22		
*** AERMET - V					
	***	12:33:25			
		PAGE 66			
*** MODELOPTs:	RegDFAULT	CONC ELEV L	JRBAN ADJ_U*		
			*** METEOROLO	OGICAL DAYS SE	ELECTED FOR
PROCESSING ***					
				(1=YES;	; 0=NO)
	1111111		. 1 1 1 1 1 1	111111	1 1 1 1 1 1
1111111	1111111				
	1111111		. 1 1 1 1 1 1	111111	111 111
1111111	1 1 1 1 1 1 1				
	1111111		. 1 1 1 1 1 1	111111	111 111
1111111	1 1 1 1 1 1 1				
	1111111		. 1 1 1 1 1	111111	111 111
1111111	1 1 1 1 1 1 1				
	1111111		. 1 1 1 1 1	111111	1 1 1 1 1 1
1111111					
	1111111		. 1 1 1 1 1 1	111111	111 111
1111111	1111111		11111		111 111
	1111111		.11111 1	111111	111 111
1111111	1111111				
1 1	1111111	1 11111	_		

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)

0.61

10.80,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 12:33:25

PAGE 67

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI V9 ADJU\PERI V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR MO DY JDY HR HO U\* W\* DT/DZ ZICNV ZIMCH M-O LEN ZO BOWEN

ALBEDO REF WS WD HT REF TA HT . . . . . . . . . . . . . . . . . . . 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 10 01 01 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 5.5 0.90 142. 9.1 280.9 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 324. 9.1 280.4 5.5 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 294. 9.1 278.8 5.5 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 10 01 01 0.61 0.90 205. 9.1 278.1 1.00 5.5 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 3. 9.1 277.0 5.5 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 10 01 01 0.61 1.30 99. 9.1 277.0 1.00 5.5 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.61 0.54 0.90 319. 9.1 278.8 5.5 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 10 01 01 1 09 0.61 0.90 239. 9.1 284.2 5.5

10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19

```
0.26 0.40 188. 9.1 289.2 5.5
10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19
                                                               0.61
0.23
      2.70 310. 9.1 290.9 5.5
          1 12 97.1 0.281 1.058 0.008 421.
                                            357.
                                                  -19.7 0.19
10 01 01
                                                               0.61
0.22
      2.20 357. 9.1 293.1
                             5.5
10 01 01 1 13 92.2 0.279 1.117 0.008 523.
                                            354. -20.4 0.19
      2.20 356. 9.1 293.8
                              5.5
10 01 01 1 14 77.6 0.275 1.102 0.008 595.
                                            347.
                                                  -23.2 0.19
                                                               0.61
      2.20 50.
                  9.1 294.2
0.23
                              5.5
                54.9 0.230 1.006 0.008 640.
          1 15
                                            266. -19.2 0.19
10 01 01
                                                               0.61
      1.80 53. 9.1 293.8
0.27
                              5.5
          1 16 12.3 0.206 0.613 0.008 648.
                                            225. -61.5 0.19
10 01 01
                                                               0.61
      1.80 11. 9.1 292.5
                            5.5
          1 17
10 01 01
               -3.6 0.087 -9.000 -9.000 -999. 71.
                                                  15.6 0.19
      0.90 351.
                9.1 290.4
                              5.5
0.64
10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999.
                                             62.
                                                    15.2 0.19
                                                               0.61
      0.90 186. 9.1 287.5
                             5.5
10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62.
                                                    15.2 0.19
                                                               0.61
      0.90 275. 9.1 285.9
1.00
                              5.5
10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39.
                                                    18.1 0.19
                                                               0.61
      0.40 181. 9.1 285.4
                              5.5
10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106.
                                                    21.3 0.19
                                                               0.61
      1.30 318. 9.1 284.9
1.00
                              5.5
          1 22 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
10 01 01
                                                               0.61
      0.90 196. 9.1 283.1
                              5.5
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
                                                               0.61
      0.90 330. 9.1 281.4
1.00
                             5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106.
                                                    21.2 0.19
      1.30 332. 9.1 280.9 5.5
1.00
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01
           9.1 1 335.
                         1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 ***
                   ***
                             12:33:25
                             PAGE 68
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
            , L0003585
                       , L0003586
                        , L0003588 , L0003589 , L0003590 , L0003591
              L0003587
```

```
, L0003592 , L0003593 , L0003594
                                  , L0003597 , L0003598 , L0003599
             L0003595
                      , L0003596
, L0003600
           , L0003601
                      , L0003602
                      , L0003604 , L0003605 , L0003606 , L0003607
             L0003603
, L0003608
           , L0003609
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
               **
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) 474691.04 474706.04 474721.04
                                             474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.55419 0.56937 0.58299 0.59806
                                                           0.61476
0.63328 0.65307 0.67093
 3755618.62 | 0.49019 0.50224
                                    0.51398
                                               0.52582
                                                           0.53828
0.55314 0.56768 0.57545
 3755603.62 0.44176 0.45175
                                   0.46105
                                               0.47078
                                                           0.48096
0.49254 0.50329 0.50657
               0.40287 0.41108 0.41867 0.42690
 3755588.62
                                                           0.43548
0.44480 0.45302 0.45428
 3755573.62 0.37036 0.37723
                                     0.38383
                                                0.39094
                                                           0.39805
0.40543 0.41184 0.41209
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                           12:33:25
                           PAGE 69
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
                           ***
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
           , L0003585
                      , L0003586
                      , L0003588
             L0003587
                                  , L0003589 , L0003590 , L0003591
           , L0003593
, L0003592
                      , L0003594
                      , L0003596 , L0003597 , L0003598 , L0003599
             L0003595
, L0003600
           , L0003601
                      , L0003602
                      , L0003607
             L0003603
, L0003608
           , L0003609
                            *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
```

Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895.	51	474820.51		(METERS) 474850.51
3755606.07   0.51525 0.56774 0.58416 0.6023		0.52778	0.53838	0.55234
3755591.07   0.46161 0.50051 0.51236 0.5238	0.46326	0.47011	0.47859	0.48927
3755576.07   0.41843	0.41888	0.42499	0.43170	0.44057
0.44946	0.38299	0.38828	0.39406	0.40134
0.40857	* *** 2026 04/06/22 ***	5 OPERATIONS -	AUTO TOG	
*** MODELOPTs: RegDFAULT CON	PAGE 70 IC ELEV UR	BAN ADJ_U*		
*** VALUES FOR SOURCE GROUP: ALL		( 43824 HRS)	AVERAGE CONC	CENTRATION
, L0003584 , L0003585 , L00		SOURCE(S):	L0003582	, L0003583
L0003587 , L0	, 9003588	L0003589	, L0003590	, L0003591
L0003595 , L0			, L0003598	, L0003599
, L0003600 , L0003601 , L00 L0003603 , L0	)03602 , )003604 ,		, L0003606	, L0003607
, L0003608 , L0003609 , .	,			
GRIDCART ***	*** NETWC	PRK ID: UCART3	; NETWORK	TYPE:
**	** C	ONC OF TOG	IN MICROGE	RAMS/M**3
Y-COORD   (METERS)   474800.90 4	174815 <b>.</b> 90		X-COORD	(METERS)
				<del>-</del>
3755623.35   0.60555 3755608.35   0.52743 ↑ *** AERMOD - VERSION 21112 ***	0.61923 0.53512 * *** 2026	OPERATIONS -	AUTO TOG	

```
16216 ***
 *** AERMET - VERSION
                                  12:33:25
                                  PAGE 71
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003582
                                                                        . L0003583
, L0003584
                            , L0003586
              , L0003585
                                                         , L0003590
                 L0003587
                             , L0003588
                                           , L0003589
                                                                        , L0003591
 L0003592
              , L0003593
                            , L0003594
                            , L0003596
                                           , L0003597
                                                         , L0003598
                                                                        , L0003599
                 L0003595
 L0003600
              , L0003601
                            , L0003602
                 L0003603
                            , L0003604
                                           , L0003605
                                                         , L0003606
                                                                        , L0003607
 L0003608
              , L0003609
                                   *** NETWORK ID: UCART4
                                                           ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
   Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                                474835.81
                   474820.81
  3755622.54
                     0.61896
                                  0.63651
  3755607.54
                     0.53435
                                  0.54528
 *** AERMOD - VERSION 21112
                                    *** 2026 OPERATIONS - AUTO TOG
                                    04/06/22
 *** AERMET - VERSION
                       16216 ***
                                   ***
                       ***
                                  12:33:25
                                  PAGE 72
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003582
                                                                        , L0003583
, L0003584
              , L0003585
                            , L0003586
                             , L0003588
                                           , L0003589
                 L0003587
                                                         , L0003590
                                                                        , L0003591
 L0003592
              , L0003593
                            , L0003594
                            , L0003596
                 L0003595
                                           , L0003597
                                                         , L0003598
                                                                        , L0003599
 L0003600
              , L0003601
                            , L0003602
                            , L0003604
                                                         , L0003606
                 L0003603
                                           , L0003605
                                                                        , L0003607
, L0003608
              , L0003609
```

04/06/22

```
*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474838.93 474853.93
                 0.59007
 3755615.41
                            0.60730
 3755600.41
                 0.51682
                           0.52953
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                              12:33:25
                              PAGE 73
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003582
                                                              , L0003583
, L0003584
            , L0003585
                        , L0003586
                                      , L0003589 , L0003590 , L0003591
                        , L0003588
              L0003587
, L0003592
            , L0003593
                        , L0003594
              L0003595
                        , L0003596 , L0003597 , L0003598 , L0003599
           , L0003601
, L0003600
                        , L0003602
                        , L0003604
                                    , L0003607
              L0003603
, L0003608 , L0003609
                               *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474857.73 474872.73
 3755611.53
                  0.58796
                              0.60638
 3755596.53
                  0.51612
                              0.52933
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION 16216 *** ***
                    ***
                            12:33:25
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

_	-
*** THE PERIOD ( 43824 VALUES FOR SOURCE GROUP: ALL ***	HRS) AVERAGE CONCENTRATION
INCLUDING SOURCE(S)	): L0003582 , L0003583
, L0003584 , L0003585 , L0003586 , L0003589 , L0003589	, L0003590 , L0003591
, L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597	7 , L0003598 , L0003599
, L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605	5 , L0003606 , L0003607
, L0003608 , L0003609 , ,	,
*** NETWORK ID: UC GRIDCART ***	CART7 ; NETWORK TYPE:
** CONC OF TO	OG IN MICROGRAMS/M**3
Y-COORD   (METERS)   475108.79 475128.79 475148.7 475208.79 475228.79 475248.79 475268.79	
3755333.70   0.19841 0.19919 0.2002	22 0.20170 0.20339
0.20509       0.20660       0.20854       0.21072         3755313.70       0.18714       0.18787       0.1888	33 0.19004 0.19152
0.19293       0.19418       0.19550       0.19696         3755293.70       0.17717       0.17786       0.1786	0.17969 0.18092
0.18216       0.18319       0.18422       0.18531         3755273.70       0.16835       0.16889       0.1695	
0.17249 0.17347 0.17438 0.17536 3755253.70   0.16015 0.16073 0.1613	88 0.16210 0.16295
0.16388       0.16481       0.16569       0.16662         3755233.70       0.15267       0.15329       0.1539	
0.15609 0.15699 0.15783 0.15867 3755213.70   0.14581 0.14646 0.1471	12 0.14775 0.14833
0.14908	95 0.14152 0.14200
0.14258	L6 0.13567 0.13606
0.13663	
0.13108	

PAGE 75

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RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0003582
                                                                      , L0003583
, L0003584
              , L0003585
                            , L0003586
                            , L0003588
                                          , L0003589
                L0003587
                                                        , L0003590
                                                                      , L0003591
 L0003592
              , L0003593
                            , L0003594
                L0003595
                           , L0003596
                                           , L0003597
                                                        , L0003598
                                                                      , L0003599
             , L0003601
                            , L0003602
 L0003600
                                          , L0003605
                                                        , L0003606
                L0003603
                            , L0003604
                                                                      , L0003607
 L0003608
              , L0003609
                                  *** NETWORK ID: UCART7
                                                          ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475288.79
 3755333.70
                    0.21187
  3755313.70 l
                    0.19808
 3755293.70
                    0.18639
 3755273.70
                    0.17639
 3755253.70
                    0.16754
 3755233.70
                    0.15944
 3755213.70
                    0.15205
 3755193.70
                    0.14518
 3755173.70
                    0.13887
  3755153.70
                    0.13308
 *** AERMOD - VERSION 21112
                                    *** 2026 OPERATIONS - AUTO TOG
                                   04/06/22
*** AERMET - VERSION
                      16216 ***
                                  ***
                                 12:33:25
                                 PAGE 76
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0003582
                                                                      , L0003583
, L0003584
             , L0003585
                            , L0003586
                L0003587
                                          , L0003589 , L0003590 , L0003591
                            , L0003588
, L0003592
             , L0003593
                           , L0003594
```

```
L0003595 , L0003596 , L0003597 , L0003598 , L0003599
, L0003600
           , L0003601
                       , L0003602
                       , L0003604
                                   , L0003605 , L0003606 , L0003607
              L0003603
. L0003608
           , L0003609
                      , . . .
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS)
              475151.63 475171.63 475191.63 475211.63 475231.63
475251.63 475271.63 475291.63 475311.63
 3755398.30 | 0.25336 0.25556 0.25751 0.25964
                                                            0.26239
0.26460 0.26628 0.26741 0.26842
 3755378.30 | 0.23461 0.23632 0.23779 0.23967
                                                            0.24237
0.24486 0.24665 0.24762 0.24840
 3755358.30 0.21815 0.21965 0.22085
                                                0.22265
                                                            0.22512
0.22750 0.22949 0.23040 0.23090
                           0.20498
 3755338.30
                                       0.20661 0.20835
                0.20345
                                                            0.20999
0.21213
        0.21424
                      0.21533
                                0.21560
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                    ***
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            12:33:25
                            PAGE 77
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0003582 , L0003583
           , L0003585
, L0003584
                       , L0003586
                      , L0003588
              L0003587
                                  , L0003589 , L0003590 , L0003591
                      , L0003594
, L0003592
           , L0003593
                       , L0003596
                                  , L0003597 , L0003598 , L0003599
              L0003595
, L0003600
           , L0003601
                       , L0003602
             L0003603
                      , L0003604 , L0003605 , L0003606 , L0003607
, L0003608
           , L0003609
                       , . . .
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
```

```
Y-COORD
                                                  X-COORD (METERS)
   (METERS)
             475331.63 475351.63 475371.63
 3755398.30
               0.26932 0.27012 0.27082
 3755378.30
                0.24898
                           0.24958
                                     0.25040
 3755358.30
                                      0.23284
                0.23140
                           0.23202
 3755338.30
                0.21595
                           0.21666
                                      0.21763
↑ *** AERMOD - VERSION 21112
                        *** *** 2026 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           12:33:25
                           PAGE 78
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
           , L0003585
                      , L0003586
                      , L0003588 , L0003589 , L0003590 , L0003591
             L0003587
                      , L0003594
, L0003592
           , L0003593
             L0003595
                      , L0003596 , L0003597 , L0003598 , L0003599
          , L0003601
                     , L0003602
, L0003600
             L0003603
                      , L0003604 , L0003605 , L0003606 , L0003607
L0003608
           , L0003609
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) | 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 0.31115 0.31491 0.31858 0.32210
                                                           0.32510
3755424.04 0.28503 0.28809 0.29093 0.29381
                                                           0.29613
           0.29952 0.30084 0.30174
 3755404.04 | 0.26278 0.26496 0.26756 0.27017
                                                           0.27200
           0.27462 0.27552 0.27630
0.27337
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           12:33:25
```

PAGE 79 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  ***
INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584    , L0003585    , L0003586    ,
, L0003592
, L0003600 , L0003601 , L0003602 ,
L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , ,
*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
** CONC OF TOG IN MICROGRAMS/M**3 **
Y-COORD   X-COORD (METERS) (METERS)   475365.62
3755444.04   0.33288 3755424.04   0.30251 3755404.04   0.27709 ↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
PAGE 80 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***  INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584 , L0003585 , L0003586 ,
L0003587 , L0003588 , L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 ,
L0003595 , L0003596 , L0003597 , L0003598 , L0003599
, L0003600 , L0003601 , L0003602 ,  L0003603 , L0003604 , L0003605 , L0003606 , L0003607  , L0003608 , L0003609 , ,
*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

**	CONC	ΩF	TOG	TN	MTCRO	OGRAMS	:/M**3

Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	475270.47		(METERS) 475310.47
3755490.18   0.41041 0.43325 0.43498	0.41677	0.42217	0.42687	0.43083
3755470.18   0.36510 0.38209 0.38331	0.36976	0.37390	0.37730	0.38017
3755450.18   0.32913 0.34201 0.34304	0.33281	0.33593	0.33847	0.34044
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	04/06/2 *** *** 12:33:25		- AUTO TOG	
*** MODELOPTs: RegDFAULT	PAGE 81 CONC ELEV U	JRBAN ADJ_U*		
VALUES FOR SOURCE GROUP: ALL	*** THE PERIC	DD ( 43824 HRS)	) AVERAGE CONC	CENTRATION
	1.0003506	SOURCE(S):	L0003582	, L0003583
, L0003584 , L0003585 , L0003587	. L0003588	, L0003589	, L0003590	, L0003591
, L0003592 , L0003593 , L0003595	L0003594 ,	, L0003597	, L0003598	, L0003599
, 10003000 , 10003001 ,	10003002	1		•
10003600 10003600	, L0003604 ,		, L0003606	, L0003607
GRIDCART ***	*** NETW	WORK ID: UCART1	13 ; NETWORK	( TYPE:
**	**	CONC OF TOG	IN MICROGE	RAMS/M**3
Y-COORD   (METERS)   475254.84	475274.84 	475294.84 		(METERS) 475334.84 
3755513.80   0.49507 3755493.80   0.42833 ↑ *** AERMOD - VERSION 21112 ***	0.50307 0.43385 *** *** 202 04/06/2	0.43862 26 OPERATIONS	0.51460 0.44232 - AUTO TOG	0.51767 0.44468

```
12:33:25
                                  PAGE 82
                   RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003582
                                                                        , L0003583
, L0003584
              , L0003585
                            , L0003586
                            , L0003588
                                           , L0003589
                                                         , L0003590
                 L0003587
                                                                        . L0003591
              , L0003593
                            , L0003594
 L0003592
                            , L0003596
                                           , L0003597
                                                         , L0003598
                                                                        , L0003599
                 L0003595
                            , L0003602
              , L0003601
 L0003600
                 L0003603
                            , L0003604
                                           , L0003605
                                                         , L0003606
                                                                        , L0003607
, L0003608
              , L0003609
                                   *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475293.48
                                475313.48
                                             475333.48
                                                          475353.48
                                                                        475373.48
  3755332.63 l
                     0.21126
                                  0.21157
                                               0.21197
                                                            0.21281
                                                                          0.21374
                                                                          0.20094
  3755312.63
                     0.19761
                                  0.19829
                                               0.19909
                                                            0.19998
  3755292.63
                                  0.18692
                                               0.18783
                                                            0.18869
                                                                          0.18943
                     0.18604
  3755272.63
                     0.17614
                                  0.17705
                                               0.17786
                                                            0.17862
                                                                          0.17918
  3755252.63
                     0.16731
                                  0.16806
                                               0.16879
                                                                          0.16984
                                                            0.16938
  3755232.63 l
                     0.15923
                                  0.15991
                                               0.16047
                                                            0.16096
                                                                          0.16133
  3755212.63
                                  0.15237
                                               0.15284
                     0.15180
                                                            0.15324
                                                                          0.15362
↑ *** AERMOD - VERSION 21112
                                    *** 2026 OPERATIONS - AUTO TOG
                                   04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                                  12:33:25
                                  PAGE 83
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003582
                                                                        , L0003583
, L0003584
              , L0003585
                            , L0003586
                            , L0003588
                                           , L0003589
                                                         , L0003590
                 L0003587
                                                                        , L0003591
, L0003592
              , L0003593
                            , L0003594
                                         , L0003597
                                                                        , L0003599
                 L0003595
                             , L0003596
                                                         , L0003598
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\*\*\* AERMET - VERSION 16216 \*\*\*

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, L0003600
           , L0003601
                        , L0003602
                                      , L0003605 , L0003606 , L0003607
               L0003603
                         , L0003604
 L0003608
            , L0003609
                               *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG
                                                      IN MICROGRAMS/M**3
                 **
 Y-COORD
                                                       X-COORD (METERS)
              474691.04
                                     474706.04
  (METERS)
                                                            474721.04
     474736.04
                          474751.04
                1.37437 (11091107) 1.42874 (11091107)
 3755633.6
                                                          1.48263 (11091107)
    1.54001 (11091107)
                          1.60171 (11091107)
 3755618.6
                1.15316 (11091107)
                                     1.19432 (11091107) 1.23687 (11091107)
    1.28110 (11091107)
                          1.32759 (11091107)
                0.98643 (11091107)
                                     1.01848 (11091107)
                                                         1.05150 (11091107)
    1.08615 (11091107)
                          1.12253 (11091107)
                0.88516 (16062006)
                                     0.90237 (16062006)
                                                         0.91888 (16062006)
                          0.96388 (11091107)
    0.93650 (16062006)
                                     0.82991 (16062006) 0.84411 (16062006)
 3755573.6
                0.81546 (16062006)
    ♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
                               ***
 *** AERMET - VERSION
                    16216 ***
                              12:33:25
                              PAGE 84
                 RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                                                                , L0003583
                              INCLUDING SOURCE(S):
                                                   L0003582
            , L0003585
                         , L0003586
, L0003584
                                       , L0003589 , L0003590
               L0003587
                         , L0003588
                                                                , L0003591
            , L0003593
 L0003592
                         , L0003594
                         , L0003596
                                    , L0003597
                                                  , L0003598
               L0003595
                                                                , L0003599
                         , L0003602
 L0003600
            , L0003601
                                     , L0003605
                         , L0003604
                                                   , L0003606
               L0003603
                                                                , L0003607
, L0003608
            , L0003609
                               *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG IN MICROGRAMS/M**3
```

```
Y-COORD
                                                          X-COORD (METERS)
                                                              474796.04
                474766.04
                                      474781.04
  (METERS)
                3755633.6 l
                                                             1.80618 (11091107)
                                                            1.47262 (11091107)
3755618.6
                                                            1.23195 (11091107)
3755603.6

      0.99428 (11091107)
      1.02535 (11091107)

      0.89021 (16062006)
      0.90478 (16062006)

                                                            1.05074 (11091107)
3755588.6
3755573.6
                                                             0.90982 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               12:33:25
                               PAGE 85
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003582
                                                                  . L0003583
                          , L0003586
, L0003584
             , L0003585
                         , L0003588
                                        , L0003589 , L0003590
               L0003587
                                                                  , L0003591
, L0003592
             , L0003593
                         , L0003594
                          , L0003596
                                      , L0003597 , L0003598
               L0003595
                                                                 , L0003599
 L0003600
             , L0003601
                         , L0003602
                                      , L0003605
                          , L0003604
                                                     , L0003606
               L0003603
                                                                  , L0003607
 L0003608
             , L0003609
                                *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                          X-COORD (METERS)
  (METERS) |
                 474790.51
                                        474805.51
                                                              474820.51
     474835.51
                          474850.51
3755606.1 |
                1.25563 (11091107) 1.28498 (11091107) 1.32074 (11091107)
    1.36070 (11091107)
                           1.40916 (11091107)
                                       1.09212 (11091107) 1.12185 (11091107)
3755591.1
                1.06826 (11091107)
                           1.19181 (11091107)
    1.15444 (11091107)
                0.92229 (11091107)
                                      0.94251 (11091107) 0.96782 (11091107)
3755576.1
                           1.02441 (11091107)
    0.99423 (11091107)
                0.84545 (16062006) 0.84922 (16062006) 0.86123 (16062006)
3755561.1
    0.87410 (16062006) 0.89166 (11091107)
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↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 12:33:25
                                 PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0003582
                                                                      , L0003583
, L0003584
             , L0003585
                           , L0003586
                           , L0003588
                                          , L0003589
                                                      , L0003590
                                                                     , L0003591
                L0003587
                           , L0003594
              , L0003593
 L0003592
                           , L0003596
                L0003595
                                          , L0003597
                                                       , L0003598
                                                                     , L0003599
, L0003600
             , L0003601
                           , L0003602
                           , L0003604
                L0003603
                                          , L0003605
                                                      , L0003606
                                                                     , L0003607
, L0003608
             , L0003609
                                  *** NETWORK ID: UCART2
                                                          ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                          IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS)
                  474865.51
                                          474880.51
                                                                 474895.51
                 1.46191 (11091107)
                                         1.51796 (11091107)
                                                                1.57943 (11091107)
3755606.1 |
                 1.23101 (11091107)
                                         1.27218 (11091107)
                                                                1.31303 (11091107)
3755591.1
                                         1.08697 (11091107)
                 1.05536 (11091107)
                                                                1.11664 (11091107)
3755576.1
3755561.1
                 0.91660 (11091107)
                                         0.94208 (11091107)
                                                                0.96749 (11091107)
★ *** AERMOD - VERSION 21112 ***
                                   *** 2026 OPERATIONS - AUTO TOG
                        ***
                                  04/06/22
                      16216 ***
*** AERMET - VERSION
                                 12:33:25
                                 PAGE 87
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0003582
                                                                     , L0003583
, L0003584
                           , L0003586
              , L0003585
                           , L0003588
                                                      , L0003590
                L0003587
                                          , L0003589
                                                                     , L0003591
 L0003592
             , L0003593
                           , L0003594
                                         , L0003597
                                                      , L0003598
                L0003595
                           , L0003596
                                                                     , L0003599
, L0003600
             , L0003601
                           , L0003602
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L0003603 , L0003604 , L0003605 , L0003606 , L0003607
, L0003608 , L0003609
                              *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
                                                     X-COORD (METERS)
 Y-COORD
 (METERS) 474800.90
                             474815.90
3755623.3 | 1.58051 (11091107) 1.63248 (11091107)
3755608.3 | 1.30966 (11091107) 1.34451 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                             12:33:25
                             PAGE 88
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
            , L0003585 , L0003586 , L0003587 , L0003588 , L0003589 , L0003590 , L0003591
, L0003592
           , L0003593      , L0003594
                       , L0003596 , L0003597 , L0003598 , L0003599
              L0003595
           , L0003601
                       , L0003602
, L0003600
              L0003603 , L0003604 , L0003605 , L0003606 , L0003607
, L0003608 , L0003609
                              *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                     X-COORD (METERS)
           474820.81
 (METERS) |
                            474835.81
3755622.5 |
3755607.5 |
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*** AERMET - VERSION 16216 *** ***
                                12:33:25
                                PAGE 89
                  RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                       L0003582
                                                                   , L0003583
, L0003584
             , L0003585
                           , L0003586
                          , L0003588
                                         , L0003589 , L0003590 , L0003591
                L0003587
 L0003592
             , L0003593
                          , L0003594
                          , L0003596
                                      , L0003597 , L0003598 , L0003599
                L0003595
             , L0003601
                          , L0003602
 L0003600
                          , L0003604
                L0003603
                                       , L0003605        , L0003606
                                                                   , L0003607
, L0003608
             , L0003609
                                 *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG
                                                         IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                 474838.93
                                         474853.93
                 1.53793 (11091107) 1.59709 (11091107)
1.28630 (11091107) 1.33060 (11091107)
 3755615.4
 3755600.4
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                 04/06/22
 *** AERMET - VERSION 16216 ***
                      ***
                                12:33:25
                                PAGE 90
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
             , L0003585
                           , L0003586
                          , L0003588
                                       , L0003589 , L0003590
                L0003587
                                                                    , L0003591
, L0003592
             , L0003593
                          , L0003594
                          , L0003596
                                       , L0003597
                                                     , L0003598
                L0003595
                                                                   , L0003599
, L0003600
             , L0003601
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                          , L0003604
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                L0003603
                                                      , L0003606
                                                                    , L0003607
             , L0003609
, L0003608
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\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE:

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** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                               X-COORD (METERS)
 (METERS) | 474857.73 474872.73
             3755611.5
3755596.5
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                         04/06/22
*** AERMET - VERSION 16216 *** ***
                        12:33:25
                          PAGE 91
*** MODELOPTs:
              RegDFAULT CONC ELEV URBAN ADJ U*
                       *** THE
                              1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                          INCLUDING SOURCE(S): L0003582 , L0003583
          , L0003585 , L0003586
, L0003584
                                , L0003589          , L0003590
            L0003587 , L0003588
                                                     , L0003591
, L0003592 , L0003593 , L0003594
                     , L0003596 , L0003597 , L0003598
            L0003595
                                                     , L0003599
, L0003600 , L0003601
                     , L0003602
                    , L0003604 , L0003605 , L0003606 , L0003607
            L0003603
, L0003608
         , L0003609
                          *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                              ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                               X-COORD (METERS)
 (METERS)
              475108.79
                                475128.79
                                                   475148.79
    475168.79
                     475188.79
3755333.7 | 0.43980 (16062006) 0.44204 (16062006) 0.44452 (16062006)
   0.44754 (16062006) 0.45075 (16062006)
3755313.7
             0.41503 (16062006) 0.41704 (16062006) 0.41929 (16062006)
                      0.42462 (16062006)
   0.42182 (16062006)
3755293.7
             3755273.7 | 0.37315 (16062006) 0.37470 (16062006) 0.37635 (16062006)
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0.35645 (16062006) 0.35799 (16062006)
              0.35494 (16062006)
3755253.7
                      0.36127 (16062006)
    0.35957 (16062006)
3755233.7
              0.33828 (16062006)
                                 0.33976 (16062006)
                                                   0.34120 (16062006)
                       0.34406 (16062006)
    0.34261 (16062006)
3755213.7
              0.32300 (16062006)
                                 0.32842 (16062006)
    0.32718 (16062006)
              0.30908 (16062006)
                                                   0.31182 (16062006)
3755193.7
                                 0.31049 (16062006)
    0.31302 (16062006)
                       0.31408 (16062006)
              0.29625 (16062006)
                                 0.29752 (16062006) 0.29873 (16062006)
3755173.7
    0.29981 (16062006)
                       0.30071 (16062006)
3755153.7
              0.28437 (16062006)
                                0.28752 (16062006) 0.28833 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 ***
                           12:33:25
                           PAGE 92
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                       *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003582
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, L0003584
                     , L0003586
           , L0003585
                      , L0003588
                                  , L0003589 , L0003590
             L0003587
                                                        , L0003591
 L0003592
           , L0003593
                      , L0003594
                      , L0003596
                               , L0003597 , L0003598
             L0003595
                                                        , L0003599
           , L0003601
                      , L0003602
 L0003600
                      , L0003604
                                  L0003603
                                                        , L0003607
, L0003608
           , L0003609
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                 X-COORD (METERS)
            475208.79
 (METERS)
                                 475228.79
                                                     475248.79
    475268.79
                       475288.79
3755333.7 |
              0.45995 (16062006)
    0.46336 (16062006)
                       0.46544 (16062006)
              0.42726 (16062006)
3755313.7
                                0.43642 (16062006)
    0.43446 (16062006)
              0.40355 (16062006) 0.40553 (16062006) 0.40744 (16062006)
3755293.7
    0.40937 (16062006)
                    0.41120 (16062006)
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3755273.7 | 0.38220 (16062006) 0.38403 (16062006) 0.38572 (16062006)
    0.38743 (16062006)
                         0.38914 (16062006)
               0.36302 (16062006)
3755253.7
                                    0.36473 (16062006)
                                                        0.36630 (16062006)
    0.36789 (16062006)
                        0.36940 (16062006)
                                    3755233.7
               0.34562 (16062006)
    0.35009 (16062006)
                         0.35138 (16062006)
                                    0.33118 (16062006)
                                                        0.33255 (16062006)
               0.32982 (16062006)
                        0.33490 (16062006)
    0.33381 (16062006)
3755193.7
               0.31522 (16062006)
                                    0.31650 (16062006)
                                                         0.31768 (16062006)
    0.31876 (16062006)
                        0.31968 (16062006)
3755173.7
               0.30179 (16062006)
                                    0.30289 (16062006) 0.30391 (16062006)
    0.30483 (16062006)
                        0.30566 (16062006)
               0.28931 (16062006) 0.29026 (16062006) 0.29113 (16062006)
3755153.7
                        0.29276 (16062006)
    0.29196 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             12:33:25
                             PAGE 93
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003582
                                                             L0003583
, L0003584
            , L0003585
                       , L0003586
                                     , L0003589 , L0003590
              L0003587
                        , L0003588
                                                             , L0003591
                        , L0003594
 L0003592
            , L0003593
                       , L0003596
              L0003595
                                    , L0003597 , L0003598
                                                             , L0003599
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                        , L0003602
 L0003600
                        , L0003604
                                    , L0003605 , L0003606
              L0003603
                                                             , L0003607
 L0003608
            , L0003609
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS)
                475151.63
                                     475171.63
                                                          475191.63
     475211.63
3755398.3
               0.55718 (16062006) 0.56184 (16062006) 0.56607 (16062006)
                        0.57529 (16062006)
    0.57039 (16062006)
3755378.3
               0.51745 (16062006)
                                    0.52120 (16062006) 0.52454 (16062006)
    3755358.3
               0.48256 (16062006) 0.48580 (16062006) 0.48857 (16062006)
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0.49201 (16062006) 0.49619 (16062006)
3755338.3
                                       0.45455 (16062006) 0.45772 (16062006)
                0.45145 (16062006)
                          0.46392 (16062006)
    0.46093 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION
                     16216 ***
                                ***
                               12:33:25
                               PAGE 94
                 RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                                                                  , L0003583
                               INCLUDING SOURCE(S):
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                          , L0003586
, L0003584
                                        , L0003589 , L0003590
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               L0003587
                                                                  , L0003591
 L0003592
             , L0003593
                         , L0003594
                                     , L0003597     , L0003598
               L0003595
                         , L0003596
                                                                 , L0003599
             , L0003601
                         , L0003602
 L0003600
                         , L0003604
                                      , L0003605 , L0003606
                                                                  , L0003607
               L0003603
, L0003608
             , L0003609
                                *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG
                                                      IN MICROGRAMS/M**3
                 **
 Y-COORD |
                                                         X-COORD (METERS)
 (METERS) | 475251.63
                                       475271.63
                                                              475291.63
     475311.63
                           475331.63
                0.57939 (16062006) 0.58272 (16062006)
3755398.3
                                                            0.58526 (16062006)
                          0.58947 (16062006)
    0.58751 (16062006)
                0.53710 (16062006)
                                      0.54035 (16062006)
                                                        0.54251 (16062006)
                          0.54578 (16062006)
    0.54432 (16062006)
3755358.3
                0.50010 (16062006)
                                       0.50341 (16062006) 0.50534 (16062006)
    0.50669 (16062006)
                          0.50795 (16062006)
3755338.3
                0.46742 (16062006)
                                   0.47075 (16062006) 0.47277 (16062006)
                          0.47472 (16062006)
    0.47374 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                     ***
                               12:33:25
                               PAGE 95
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
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*** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                         ALL
                                                          L0003582
                                 INCLUDING SOURCE(S):
                                                                      , L0003583
, L0003584
              , L0003585
                           , L0003586
                           , L0003588
                                          , L0003589
                                                        , L0003590
                L0003587
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 L0003592
                                          , L0003597
                                                        , L0003598
                            , L0003596
                                                                      , L0003599
                L0003595
              , L0003601
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 L0003600
                L0003603
                            , L0003604
                                          , L0003605
                                                       , L0003606
                                                                      , L0003607
 L0003608
             , L0003609
                                  *** NETWORK ID: UCART8
                                                          ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
 Y-COORD
                                                             X-COORD (METERS)
  (METERS)
                  475351.63
                                          475371.63
3755398.3
                 0.59118 (16062006)
                                         0.59263 (16062006)
                 0.54714 (16062006)
                                         0.54864 (16062006)
3755378.3
                 0.50924 (16062006)
                                         0.51067 (16062006)
3755358.3
                 0.47604 (16062006)
                                        0.47759 (16062006)
3755338.3
★ *** AERMOD - VERSION 21112 ***
                                   *** 2026 OPERATIONS - AUTO TOG
                                  04/06/22
*** AERMET - VERSION
                      16216 ***
                                  ***
                                 12:33:25
                                 PAGE 96
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                  ***
VALUES FOR SOURCE GROUP: ALL
                                                                      , L0003583
                                 INCLUDING SOURCE(S):
                                                          L0003582
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, L0003584
              , L0003585
                                           , L0003589
                                                       , L0003590
                L0003587
                           , L0003588
                                                                      , L0003591
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 L0003592
                           , L0003594
                           , L0003596
                                          , L0003597
                                                        , L0003598
                L0003595
                                                                      , L0003599
 L0003600
              , L0003601
                           , L0003602
                           , L0003604
                                                        , L0003606
                                                                      , L0003607
                L0003603
                                          , L0003605
, L0003608
             , L0003609
                                  *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

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Y-COORD
                                              X-COORD (METERS)
            475185.62
 (METERS)
                              475205.62
                                                  475225.62
             475265.62
    475245.62
3755444.0 | 0.68224 (16062006) 0.68960 (16062006) 0.69662 (16062006)
   0.70323 (16062006) 0.70897 (16062006)
             3755424.0
   0.64246 (16062006)
                     0.64698 (16062006)
             0.57743 (16062006) 0.58193 (16062006) 0.58679 (16062006)
3755404.0
   0.59150 (16062006) 0.59513 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                         04/06/22
*** AERMET - VERSION 16216 ***
                         12:33:25
                         PAGE 97
*** MODELOPTs:
              RegDFAULT CONC ELEV URBAN ADJ_U*
                      *** THE
                              1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                         INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
          , L0003585 , L0003586
                                , L0003589 , L0003590 , L0003591
                    , L0003588
            L0003587
          , L0003593
L0003592
                    , L0003594
            L0003595 , L0003596 , L0003597 , L0003598 , L0003599
         , L0003601
                    , L0003602
L0003600
                    , L0003604 , L0003605 , L0003606 , L0003607
            L0003603
, L0003608
          , L0003609
                          *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                              ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                              X-COORD (METERS)
 (METERS) | 475285.62
                              475305.62
                                                  475325.62
    475345.62
                     475365.62
3755444.0 | 0.71383 (16062006) 0.71780 (16062006)
                                                0.72108 (16062006)
   0.72351 (16062006)
                     0.72972 (11091107)
             3755424.0
                     0.66046 (16062006)
   0.65874 (16062006)
             3755404.0
   0.60450 (16062006) 0.60613 (16062006)
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★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                               04/06/22
 *** AERMET - VERSION 16216 ***
                             12:33:25
                             PAGE 98
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                              ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003582
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, L0003584
                       , L0003586
            , L0003585
                       , L0003588
                                     , L0003589 , L0003590 , L0003591
              L0003587
            , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599
 L0003592
            , L0003601
                        , L0003602
, L0003600
                        , L0003604 , L0003605 , L0003606 , L0003607
              L0003603
, L0003608
            , L0003609
                              *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                      X-COORD (METERS)
               475230.47
 (METERS)
                                    475250.47
                                                          475270.47
     475290.47
                          475310.47
3755490.2 | 0.93223 (11091107) 0.95972 (11091107) 0.98568 (11091107)
    1.00914 (11091107)
                         1.02926 (11091107)
3755470.2
               0.79628 (16062006) 0.80506 (16062006) 0.82239 (11091107)
    0.84160 (11091107)
                         0.85901 (11091107)
3755450.2
               0.74095 (16062006)
    0.73691 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                             12:33:25
                             PAGE 99
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003582 , L0003583
                        , L0003586
. L0003584
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              L0003587
                        , L0003588 , L0003589 , L0003590 , L0003591
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 L0003600
             , L0003601
                          , L0003602
                          , L0003604
                                         , L0003605 , L0003606
                L0003603
                                                                    , L0003607
, L0003608
             , L0003609
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                                       475350.47
                 1.04597 (11091107) 1.05885 (11091107)
3755490.2
                 0.87434 (11091107)0.88722 (11091107)0.74425 (16062006)0.75602 (11091107)
3755470.2
3755450.2
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                12:33:25
                                PAGE 100
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003582
                                                                    , L0003583
, L0003584
             , L0003585
                          , L0003586
                          , L0003588
                                        , L0003589 , L0003590
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                                                                   , L0003591
, L0003592
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                                                     , L0003598
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                                                                   , L0003599
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, L0003600
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                                                                    , L0003607
               L0003603
                         , L0003604        , L0003605
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             , L0003609
, L0003608
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
                                         475274.84
                                                                475294.84
  (METERS)
                  475254.84
     475314.84
                            475334.84
```

```
3755513.8 |
               1.23257 (11091107)
                                   1.26667 (11091107) 1.29499 (11091107)
                        1.33362 (11091107)
    1.31724 (11091107)
3755493.8
               0.99994 (11091107)
                                   1.02654 (11091107) 1.05008 (11091107)
    1.06991 (11091107) 1.08594 (11091107)
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 ***
                            ***
                            12:33:25
                            PAGE 101
               RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                         *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                            INCLUDING SOURCE(S): L0003582
                                                            , L0003583
, L0003584
           , L0003585
                       , L0003586
                                    , L0003589 , L0003590
              L0003587
                       , L0003588
                                                           , L0003591
           , L0003593
 L0003592
                       , L0003594
                       , L0003599
              L0003595
           , L0003601
 L0003600
                       , L0003602
                       , L0003604
                                  , L0003605        , L0003606
              L0003603
                                                           . L0003607
, L0003608
           , L0003609
                             *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                    X-COORD (METERS)
              475293.48
                                   475313.48
                                                        475333.48
 (METERS) |
     475353.48
                         475373.48
3755332.6 | 0.46416 (16062006) 0.46514 (16062006) 0.46615 (16062006)
    0.46759 (16062006) 0.46906 (16062006)
3755312.6
               0.43536 (16062006)
                                   0.43669 (16062006) 0.43809 (16062006)
    0.43954 (16062006)
                        0.44099 (16062006)
3755292.6
               0.41034 (16062006)
                                   0.41185 (16062006)
                                                      0.41333 (16062006)
                        0.41582 (16062006)
    0.41468 (16062006)
3755272.6
               0.38843 (16062006)
                                   0.38991 (16062006) 0.39121 (16062006)
    0.39240 (16062006)
                        0.39329 (16062006)
3755252.6
               0.36875 (16062006)
                                   0.36999 (16062006)
                                                      0.37115 (16062006)
                        0.37282 (16062006)
    0.37209 (16062006)
               0.35077 (16062006)
3755232.6
                                   0.35419 (16062006)
    0.35358 (16062006)
               0.33429 (16062006) 0.33523 (16062006) 0.33600 (16062006)
3755212.6
```

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* 12:33:25 PAGE 102 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF TOG IN MICROGRAMS/M\*\*3 \*\* NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID 0.67093 AT ( 474796.04, 3755633.62, 496.60, ALL 1ST HIGHEST VALUE IS 0.00) GC UCART1 789.90, 2ND HIGHEST VALUE IS 0.65307 AT ( 474781.04, 3755633.62, 497.00, 0.00) GC UCART1 789.90, 3RD HIGHEST VALUE IS 0.63651 AT ( 474835.81, 3755622.54, 494.80, 789.90, 0.00) GC UCART4 4TH HIGHEST VALUE IS 0.63328 AT ( 474766.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 0.61923 AT ( 474815.90, 3755623.35, 495.20, 5TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3 6TH HIGHEST VALUE IS 0.61896 AT ( 474820.81, 3755622.54, 495.00, 789.90, 0.00) GC UCART4 7TH HIGHEST VALUE IS 0.61476 AT ( 474751.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 8TH HIGHEST VALUE IS 0.60730 AT ( 474853.93, 3755615.41, 493.60, 0.00) GC UCART5 789.90, 9TH HIGHEST VALUE IS 0.60638 AT ( 474872.73, 3755611.53, 493.50, 789.90, 0.00) GC UCART6 10TH HIGHEST VALUE IS 0.60555 AT ( 474800.90, 3755623.35, 495.80, 789.90, 0.00) GC UCART3 \*\*\* RECEPTOR TYPES: GC = GRIDCART GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - AUTO TOG

04/06/22

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*** AERMET - VERSION 16216 *** ***
                    ***
                             12:33:25
                             PAGE 103
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                          *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
             **
                                               DATE
                                   NETWORK
GROUP ID
                                                        RECEPTOR
                            AVERAGE CONC
                                            (YYMMDDHH)
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
HIGH 1ST HIGH VALUE IS 1.80618 ON 11091107: AT ( 474796.04,
          496.60, 789.90, 0.00) GC UCART1
3755633.62,
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                             12:33:25
                             PAGE 104
*** 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
                   4 Warning Message(s)
          2028 Informational Message(s)
A Total of
A Total of
               43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of
            1050 Missing Hours Identified ( 2.40 Percent)
```

## \*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\* \*\*\* NONE \*\*\*

*****	** WARNING	MESSAGES	5 **** <sup>:</sup>	****					
ME W186 0.50	1163	MEOPEN:	THRESH_:	1MIN 1-	min ASC	)S wind	speed 1	threshol	.d used
ME W187	1163	MEOPEN:	ADJ_U* (	Option	for Sta	ble Low	Winds	used in	ı AERMET
MX W450 14010101	17521	CHKDAT:	Record (	Out of	Sequenc	e in Me	eteorolo	ogical F	ile at:
MX W450 2 year gap	17521	CHKDAT:	Record (	Out of	Sequenc	e in Me	eteorolo	ogical F	ile at:

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall 2027\MVMall 2027.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2027 Operations - Auto TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMall 2027.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 SR60 EB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.0238
** Vertical Dimension = 1.19
** SZINIT = 0.55
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 0.59, 5.35
** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
** 475301.985, 3755606.087, 502.95, 0.59, 5.35
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	LOCATION	L0004116	VOLUME	473582.746	3755945.595	486.91
	LOCATION	L0004117	VOLUME	473594.010	3755943.275	487.08
	LOCATION	L0004118	VOLUME	473605.273	3755940.955	487.25
	LOCATION	L0004119	VOLUME	473616.537	3755938.634	487.42
	LOCATION	L0004120	VOLUME	473627.800	3755936.314	487.58
	LOCATION				3755933.994	
	LOCATION		VOLUME	473650.327	3755931.673	487.92
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	LOCATION	L0004124	VOLUME	473672.854	3755927.033	488.26
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	LOCATION	L0004128	VOLUME	473717.908	3755917.751	488.93
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	LOCATION				3755908.470	
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	LOCATION	L0004135	VOLUME	473796.752	3755901.509	490.10
	LOCATION	L0004136	VOLUME	473808.016	3755899.188	490.27
	LOCATION	L0004137	VOLUME	473819.279	3755896.868	490.44
	LOCATION	L0004138	VOLUME		3755894.548	
		L0004139	VOLUME		3755892.227	
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					3755885.266	
					3755882.946	
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		L0004146	VOLUME		3755875.985	
		L0004147	VOLUME		3755873.665	
	LOCATION		VOLUME		3755871.344	
		L0004149	VOLUME		3755869.024	
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	LOCATION		VOLUME		3755864.383	
	LOCATION		VOLUME		3755862.063	
		L0004153	VOLUME		3755859.742	
		L0004154	VOLUME		3755857.422	
		L0004155	VOLUME		3755855.102	
		L0004156	VOLUME		3755852.781	
		L0004157	VOLUME		3755850.461	
	LOCATION	L0004158	VOLUME	474055.812	3755848.141	493.96

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.0237
** Vertical Dimension = 1.19
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- \*\* End of LINE VOLUME Source ID = SLINE2
- \*\* Source Parameters \*\*
- \*\* LINE VOLUME Source ID = SLINE1

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SRCPARAM	L0004318	0.0000898113	0.59	5.35	0.55
SRCPARAM	L0004319	0.0000898113	0.59	5.35	0.55
SRCPARAM	L0004320	0.0000898113	0.59	5.35	0.55
SRCPARAM	L0004321	0.0000898113	0.59	5.35	0.55
SRCPARAM	L0004322	0.0000898113	0.59	5.35	0.55
SRCPARAM	L0004323	0.0000898113	0.59	5.35	0.55
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JICI ANAM	L000 <del>1</del> 00/	0.0000000113	0.55	J.JJ	0.55

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	SRCPARAM	L0004365	0.0000898113	0.59	5.35	0.55
	SRCPARAM	L0004366	0.0000898113	0.59	5.35	0.55
	SRCPARAM	L0004367	0.0000898113	0.59	5.35	0.55
	SRCPARAM	L0004368	0.0000898113	0.59	5.35	0.55
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	SRCPARAM	L0004402	0.0000897727	0.59	5.35	0.55
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	L0004525 L0004526				
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SRCPARAM	L0004551	0.0000897727	0.59	5.35	0.55
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SRCPARAM	L0004559	0.0000897727	0.59	5.35	0.55
SRCPARAM	L0004560	0.0000897727	0.59	5.35	0.55
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SRCPARAM	L0004567	0.0000897727	0.59	5.35	0.55
SRCPARAM	L0004568	0.0000897727	0.59	5.35	0.55
SRCPARAM	L0004569	0.0000897727	0.59	5.35	0.55
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	L0004584	0.0000897727	0.59	5.35	0.55
	L0004585	0.0000897727	0.59	5.35	0.55
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	L0004598	0.0000897727	0.59	5.35	0.55
	L0004599	0.0000897727	0.59	5.35	0.55
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	L0004605	0.0000897727	0.59	5.35	0.55
JICI ANAM	L000 <del>-</del> 00 <i>5</i>	0.000007/72/	0.35	ر د . د	0.55

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URBANSRC							
SRCGROUP	ALL						
SO FINISHED							
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		******					
	eceptor Pathw	-					
	******	******					
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**							
RE STARTING							
	MVMall_2027.	rou					
RE FINISHED							
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\*\* AERMOD Meteorology Pathway

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** Profile File Path: C:\Lakes\AERMOD View\MVMall 2027\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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  RECTABLE 1 1ST
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31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall_2027\MVMALL_2027.AD\PE00GALL.PLT" 32
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** Project Parameters
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** DESCPTN UTM: Universal Transverse Mercator
          World Geodetic System 1984
** DATUM
** DTMRGN Global Definition
** UNITS
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL 2027\MVMALL 2027.ADI
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** AERMOD CONTROL PATHWAY
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  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMALL 2027.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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SO STARTING
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** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC SR60 EB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0238
** VERTICAL DIMENSION = 1.19
** SZINIT = 0.55
** NODES = 5
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\*\* 475301.985, 3755606.087, 502.95, 0.59, 5.35

\*\* 476529.628, 3755625.490, 502.55, 0.59, 5.35

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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** LENGTH OF SIDE = 11.50
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LOCATION L0004586
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                               474113.353 3755860.073 496.88
LOCATION L0004587
                      VOLUME
LOCATION L0004588
                      VOLUME
                               474102.094 3755862.413 496.68
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LOCATION L0004591
                               474068.315 3755869.434 496.05
                      VOLUME
LOCATION L0004592
                      VOLUME
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                               474045.797 3755874.114 495.64
LOCATION L0004593
                      VOLUME
LOCATION L0004594
                      VOLUME
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LOCATION L0004595
                      VOLUME
                               474023.278 3755878.795 495.22
LOCATION L0004596
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LOCATION L0004597
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LOCATION L0004598
                               473989.500 3755885.815 494.59
                      VOLUME
LOCATION L0004599
                      VOLUME
                               473978.240 3755888.155 494.39
                               473966.981 3755890.495 494.18
LOCATION L0004600
                      VOLUME
LOCATION L0004601
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LOCATION L0004602
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LOCATION L0004603
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LOCATION L0004604
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LOCATION L0004605
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LOCATION L0004606
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LOCATION L0004609
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LOCATION L0004620
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LOCATION L0004621
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LOCATION L0004622
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LOCATION L0004625
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LOCATION L0004626
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LOCATION L0004627
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LOCATION L0004628
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LOCATION L0004629
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LOCATION L0004631
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LOCATION L0004632
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LOCATION L0004633
                      VOLUME
LOCATION L0004634
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                      VOLUME
LOCATION L0004635
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LOCATION L0004636
                      VOLUME
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                               473550.384 3755977.081 486.47
LOCATION L0004637
                      VOLUME
LOCATION L0004638
                      VOLUME
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LOCATION L0004639 VOLUME 473527.865 3755981.761 486.05

- \*\* END OF LINE VOLUME SOURCE ID = SLINE2
- \*\* SOURCE PARAMETERS \*\*

**	LINE	VOLUME	SOURCE	ID	=	SLINE1
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**	LINE VOLUME SOURC				
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	SRCPARAM L0004112	0.0000898113		5.35	
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	SRCPARAM L0004117	0.0000898113	0.59	5.35	0.55
	SRCPARAM L0004118	0.0000898113	0.59	5.35	0.55
	SRCPARAM L0004119	0.0000898113	0.59	5.35	0.55
	SRCPARAM L0004120	0.0000898113	0.59	5.35	0.55
	SRCPARAM L0004121	0.0000898113	0.59	5.35	0.55
	SRCPARAM L0004122	0.0000898113	0.59	5.35	0.55
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	SRCPARAM L0004124	0.0000898113	0.59	5.35	0.55
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                                                     5.35
                                                               0.55
   SRCPARAM L0004628
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004629
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004630
                                                     5.35
                         0.0000897727
                                           0.59
                                                               0.55
   SRCPARAM L0004631
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004632
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004633
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004634
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004635
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004636
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004637
                                           0.59
                                                     5.35
                                                               0.55
                         0.0000897727
   SRCPARAM L0004638
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
   SRCPARAM L0004639
                         0.0000897727
                                           0.59
                                                     5.35
                                                               0.55
  URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************
** AERMOD RECEPTOR PATHWAY
************
**
**
```

\*\*\*\*\*\*\*\*\*\*\*\*

INCLUDED MVMALL 2027.ROU

RE STARTING

RE FINISHED

```
** AERMOD METEOROLOGY PATHWAY
************
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL_2027\PERI_V9_ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL 2027\PERI V9 ADJU\
  PROFFILE PERI V9 ADJU\PERI V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
*************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
            1 ALL 1ST "C:\LAKES\AERMOD
  PLOTFILE
VIEW\MVMALL 2027\MVMALL 2027.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL 2027\MVMALL 2027.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL 2027\MVMALL 2027.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
           1163
                     MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
           1163
```

```
*** SETUP Finishes Successfully ***
***********
*** AERMOD - VERSION 21112 ***
                                  *** 2027 OPERATIONS - AUTO TOG
                                  04/06/22
                                 ***
*** AERMET - VERSION 16216 ***
                                13:01:18
                                PAGE
                                       1
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                          ***
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 529 Source(s),
 for Total of
                 1 Urban Area(s):
 Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
       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: TOG
**Model Calculates 1 Short Term Average(s) of:
                                                 1-HR
   and Calculates PERIOD Averages
```

\*\*\*\*\*\*\*\*\*\*\*

\*\*This Run Includes: 529 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 529 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: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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) = 442.00; Decay Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 = MICROGRAMS/M\*\*3 Output Units \*\*Approximate Storage Requirements of Model = 3.8 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out \*\*Detailed Error/Message File: MVMALL 2027.ERR \*\*File for Summary of Results: C:\LAKES\AERMOD VIEW\MVMALL\_2027\MVMALL\_2027.SUM ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

04/06/22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

*** VOLUME SOURCE DATA ***	***	***	VOLUME	SOURCE	DATA	***
----------------------------	-----	-----	--------	--------	------	-----

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI(	ON RATE					
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004111	0	0.89811E-04	473526.4	3755957.2	486.1	0.59	5.35
0.55 YES							
L0004112	0	0.89811E-04	473537.7	3755954.9	486.2	0.59	5.35
0.55 YES							
L0004113	0	0.89811E-04	473549.0	3755952.6	486.4	0.59	5.35
0.55 YES							
L0004114	0	0.89811E-04	473560.2	3755950.2	486.6	0.59	5.35
0.55 YES							
L0004115	0	0.89811E-04	473571.5	3755947.9	486.8	0.59	5.35
0.55 YES							
L0004116	0	0.89811E-04	473582.7	3755945.6	486.9	0.59	5.35
0.55 YES	•	0.000115.01	472504 0	2755042 2	407.4	0.50	F 25
L0004117	0	0.89811E-04	4/3594.0	3/55943.3	487.1	0.59	5.35
0.55 YES	0	0.000115.04	472605 2	2755044 0	407.2	0.50	F 2F
L0004118	0	0.89811E-04	4/3605.3	3/55941.0	487.2	0.59	5.35
0.55 YES L0004119	0	0 000115 04	472C1C F	2755020 6	487.4	0 50	г эг
0.55 YES	0	0.89811E-04	4/3010.3	3/33936.0	467.4	0.59	5.35
L0004120	0	0.89811E-04	172627 0	2755026 2	487.6	0.59	5.35
0.55 YES	V	0.030116-04	4/302/.0	3/33330.3	467.0	0.39	3.33
L0004121	0	0.89811E-04	<i>4</i> 73639 1	3755934 0	487.8	0.59	5.35
0.55 YES	Ū	0.000111 04	473033.1	3733334.0	407.0	0.55	3.33
L0004122	0	0.89811E-04	473650.3	3755931.7	487.9	0.59	5.35
0.55 YES			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,	.0	0,00	
L0004123	0	0.89811E-04	473661.6	3755929.4	488.1	0.59	5.35
0.55 YES							
L0004124	0	0.89811E-04	473672.9	3755927.0	488.3	0.59	5.35
0.55 YES							
L0004125	0	0.89811E-04	473684.1	3755924.7	488.4	0.59	5.35
0.55 YES							
L0004126	0	0.89811E-04	473695.4	3755922.4	488.6	0.59	5.35
0.55 YES							

L0004127	0	0.89811E-04	473706.6 3755920.1	488.8	0.59	5.35
0.55 YES			4-0-4- 0 004- 0	400.0		
L0004128	0	0.89811E-04	473717.9 3755917.8	488.9	0.59	5.35
0.55 YES L0004129	0	0.89811E-04	473729.2 3755915.4	489.1	0.59	5.35
0.55 YES	v	0.030116-04	4/3/23.2 3/33313.4	405.1	0.39	رد.د
L0004130	0	0.89811E-04	473740.4 3755913.1	489.3	0.59	5.35
0.55 YES	ŭ	0.030111 0.	1,3,1011 3,3331311	.05.5	0.55	3.33
L0004131	0	0.89811E-04	473751.7 3755910.8	489.4	0.59	5.35
0.55 YES						
L0004132	0	0.89811E-04	473763.0 3755908.5	489.6	0.59	5.35
0.55 YES						
L0004133	0	0.89811E-04	473774.2 3755906.1	489.8	0.59	5.35
0.55 YES						
L0004134	0	0.89811E-04	473785.5 3755903.8	489.9	0.59	5.35
0.55 YES						
L0004135	0	0.89811E-04	473796.8 3755901.5	490.1	0.59	5.35
0.55 YES						
L0004136	0	0.89811E-04	473808.0 3755899.2	490.3	0.59	5.35
0.55 YES						
L0004137	0	0.89811E-04	473819.3 3755896.9	490.4	0.59	5.35
0.55 YES						
L0004138	0	0.89811E-04	473830.5 3755894.5	490.6	0.59	5.35
0.55 YES						
L0004139	0	0.89811E-04	473841.8 3755892.2	490.8	0.59	5.35
0.55 YES						
L0004140	0	0.89811E-04	473853.1 3755889.9	490.9	0.59	5.35
0.55 YES						
L0004141	0	0.89811E-04	473864.3 3755887.6	491.1	0.59	5.35
0.55 YES	_					
L0004142	0	0.89811E-04	473875.6 3755885.3	491.3	0.59	5.35
0.55 YES	•	0.000445.04	473006 0 3755003 0	404 4	0.50	- 2-
L0004143	0	0.89811E-04	473886.9 3755882.9	491.4	0.59	5.35
0.55 YES	0	0 000115 04	472000 1 2755000 6	401 6	0 50	F 2F
L0004144	0	0.89811E-04	473898.1 3755880.6	491.6	0.59	5.35
0.55 YES	0	0 000115 04	473000 4 3755979 3	401 0	0 50	F 2F
L0004145	0	0.89811E-04	473909.4 3755878.3	491.8	0.59	5.35
0.55 YES L0004146	0	0 00011E 04	473920.7 3755876.0	491.9	0.59	5.35
0.55 YES	V	0.030116-04	4/3920./ 3/338/0.0	491.9	0.39	3.33
L0004147	0	0 90911E_0/	473931.9 3755873.7	492.1	0.59	5.35
0.55 YES	O	0.000111-04	4/3331.3 3/336/3./	472.1	0.55	5.55
L0004148	0	0 89811F-04	473943.2 3755871.3	492.3	0.59	5.35
0.55 YES	Ü	0.000111 04	4,3543.2 3,350,1.3	402.0	0.55	3.33
L0004149	0	0.89811F-04	473954.4 3755869.0	492.4	0.59	5.35
0.55 YES	J	J.07011L 07	., 555 1.1 5755005.0	122,7	0.55	J•JJ
L0004150	0	0.89811F-04	473965.7 3755866.7	492.6	0.59	5.35
0.55 YES	ŭ			• 0		2.33
	VERSI	ON 21112 ***	*** 2027 OPERATION	IS - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI(	ON RATE					
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004151	0	0.89811E-04	473977.0	3755864.4	492.8	0.59	5.35
0.55 YES							
L0004152	0	0.89811E-04	473988.2	3755862.1	492.9	0.59	5.35
0.55 YES							
L0004153	0	0.89811E-04	473999.5	3755859.7	493.1	0.59	5.35
0.55 YES							
L0004154	0	0.89811E-04	474010.8	3755857.4	493.3	0.59	5.35
0.55 YES	•	0 000115 01	474000	2755055 4	402 5	0.50	F 25
L0004155	0	0.89811E-04	4/4022.0	3/55855.1	493.5	0.59	5.35
0.55 YES	0	0 000115 04	474022 2	2755052 0	402.6	0.50	F 2F
L0004156	0	0.89811E-04	4/4033.3	3/55852.8	493.6	0.59	5.35
0.55 YES L0004157	0	0.89811E-04	474044 E	2755050 5	493.8	0.59	5.35
0.55 YES	Ø	0.090116-04	4/4044.5	3/33630.3	493.0	0.59	3.33
L0004158	0	0.89811E-04	171055 Q	27550/10 1	494.0	0.59	5.35
0.55 YES	Ū	0.000111-04	474033.8	3/33040.1	454.0	0.55	5.55
L0004159	0	0.89811E-04	474067.1	3755845.8	494.1	0.59	5.35
0.55 YES	Ū	0.030111 01	17 1007.1	3,33013.0	13111	0.33	3.33
L0004160	0	0.89811E-04	474078.3	3755843.5	494.3	0.59	5.35
0.55 YES							
L0004161	0	0.89811E-04	474089.6	3755841.2	494.5	0.59	5.35
0.55 YES							
L0004162	0	0.89811E-04	474100.9	3755838.9	494.6	0.59	5.35
0.55 YES							
L0004163	0	0.89811E-04	474112.1	3755836.5	494.8	0.59	5.35
0.55 YES							
L0004164	0	0.89811E-04	474123.4	3755834.2	495.0	0.59	5.35
0.55 YES							
L0004165	0	0.89811E-04	474134.7	3755831.9	495.1	0.59	5.35
0.55 YES						_	
L0004166	0	0.89811E-04	474145.9	3755829.6	495.3	0.59	5.35
0.55 YES							

L0004167	0	0.89811E-04	474157.2 3755827.3	495.5	0.59	5.35
0.55 YES L0004168	0	0.89811E-04	474168.4 3755824.9	495.6	0.59	5.35
0.55 YES	Ø	0.090116-04	4/4100.4 3/33024.9	493.0	0.59	3.33
L0004169	0	0.89811E-04	474179.7 3755822.6	495.8	0.59	5.35
0.55 YES					0.00	
L0004170	0	0.89811E-04	474191.0 3755820.3	496.0	0.59	5.35
0.55 YES						
L0004171	0	0.89811E-04	474202.2 3755818.0	496.1	0.59	5.35
0.55 YES						
L0004172	0	0.89811E-04	474213.5 3755815.7	496.3	0.59	5.35
0.55 YES						
L0004173	0	0.89811E-04	474224.8 3755813.3	496.5	0.59	5.35
0.55 YES	0	0 000115 04	474226 0 2755011 0	406.6	0 50	F 2F
L0004174 0.55 YES	0	0.89811E-04	474236.0 3755811.0	496.6	0.59	5.35
L0004175	0	0.89811E-04	474247.3 3755808.7	496.8	0.59	5.35
0.55 YES	Ø	0.030116-04	4/424/.3 3/33000./	430.0	0.33	رد.د
L0004176	0	0.89811E-04	474258.6 3755806.4	497.0	0.59	5.35
0.55 YES	Ū	0.030111 01	17 1230.0 3733000.1	137.0	0.33	3.33
L0004177	0	0.89811E-04	474269.8 3755804.1	497.2	0.59	5.35
0.55 YES	-					
L0004178	0	0.89811E-04	474281.1 3755801.7	497.3	0.59	5.35
0.55 YES						
L0004179	0	0.89811E-04	474292.3 3755799.4	497.5	0.59	5.35
0.55 YES						
L0004180	0	0.89811E-04	474303.6 3755797.1	497.7	0.59	5.35
0.55 YES						
L0004181	0	0.89811E-04	474314.9 3755794.8	497.8	0.59	5.35
0.55 YES		0 000445 04	474204 4 2777700 7			
L0004182	0	0.89811E-04	474326.1 3755792.5	498.0	0.59	5.35
0.55 YES	0	0 000115 04	474227 4 2755700 1	400.3	0 50	F 2F
L0004183 0.55 YES	0	0.89811E-04	474337.4 3755790.1	498.2	0.59	5.35
L0004184	0	0.89811E-04	474348.7 3755787.8	498.3	0.59	5.35
0.55 YES	ð	0.83811L-04	4/4546./ 5/55/6/.6	490.5	0.33	رد.د
L0004185	0	0.89811F-04	474359.9 3755785.5	498.5	0.59	5.35
0.55 YES	Ū	0.030111 01	17 133313 373370313	130.3	0.33	3.33
L0004186	0	0.89811E-04	474371.2 3755783.2	498.7	0.59	5.35
0.55 YES						
L0004187	0	0.89811E-04	474382.5 3755780.9	498.8	0.59	5.35
0.55 YES						
L0004188	0	0.89811E-04	474393.7 3755778.5	499.0	0.59	5.35
0.55 YES						
L0004189	0	0.89811E-04	474405.0 3755776.2	499.2	0.59	5.35
0.55 YES						
L0004190	0	0.89811E-04	474416.2 3755773.9	499.3	0.59	5.35
0.55 YES	= = = =		deduction of the control of the cont			
★ *** AERMOD -	VERSI	ON 21112 ***	*** 2027 OPERATION	S - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN							
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							
L0004191	0	0.89811E-04	474427.5	3755771.6	499.5	0.59	5.35
0.55 YES							
L0004192	0	0.89811E-04	474438.8	3755769.2	499.7	0.59	5.35
0.55 YES							
L0004193	0	0.89811E-04	474450.0	3755766.9	499.8	0.59	5.35
0.55 YES							
L0004194	0	0.89811E-04	474461.3	3755764.6	500.0	0.59	5.35
0.55 YES							
L0004195	0	0.89811E-04	474472.6	3755762.3	500.2	0.59	5.35
0.55 YES	_						
L0004196	0	0.89811E-04	474483.8	3755760.0	500.3	0.59	5.35
0.55 YES			4=440= 4				
L0004197	0	0.89811E-04	4/4495.1	3/55/5/.6	500.5	0.59	5.35
0.55 YES	•	0 000115 01	474506 4	275575	500 <b>7</b>	0 50	F 2F
L0004198	0	0.89811E-04	4/4506.4	3/55/55.3	500.7	0.59	5.35
0.55 YES	0	0 000115 04	474517 6	2755752 0	F00 0	0.50	F 2F
L0004199	0	0.89811E-04	4/451/.6	3/55/53.0	500.8	0.59	5.35
0.55 YES L0004200	α	0 000115 04	474520 0	2755750 7	F01 0	0 50	5.35
0.55 YES	0	0.89811E-04	4/4528.9	3/33/30./	501.0	0.59	5.35
L0004201	0	0.89811E-04	171510 1	27557/0 /	501.2	0.59	5.35
0.55 YES	U	0.03011L-04	4/4540.1	3/33/48.4	301.2	0.55	3.33
L0004202	0	0.89811E-04	474551 4	3755746 0	501.3	0.59	5.35
0.55 YES	Ü	0.030111 01	17 1331.1	3,33,10.0	301.3	0.33	3.33
L0004203	0	0.89811E-04	474562.7	3755743.7	501.5	0.59	5.35
0.55 YES	Ū	0.0000111 0.	17.130217	3,33, 13,,	302.3	0.33	3.33
L0004204	0	0.89811E-04	474573.9	3755741.4	501.7	0.59	5.35
0.55 YES	-	· · · · · · · · ·		<del></del>			- · · <del>-</del>
L0004205	0	0.89811E-04	474585.2	3755739.1	501.9	0.59	5.35
0.55 YES							
L0004206	0	0.89811E-04	474596.5	3755736.8	502.0	0.59	5.35
0.55 YES							

L0004207 0.55 YES	0	0.89811E-04	474607.7 3755734.4	502.2	0.59	5.35
L0004208 0.55 YES	0	0.89811E-04	474619.0 3755732.1	502.4	0.59	5.35
L0004209	0	0.89811E-04	474630.2 3755729.8	502.5	0.59	5.35
0.55 YES L0004210	0	0.89811E-04	474641.5 3755727.5	502.7	0.59	5.35
0.55 YES L0004211	0	0.89811E-04	474652.8 3755725.2	502.9	0.59	5.35
0.55 YES L0004212	0	0.89811E-04	474664.0 3755722.8	503.0	0.59	5.35
0.55 YES L0004213	0	0.89811E-04	474675.3 3755720.5	503.2	0.59	5.35
0.55 YES L0004214	0	0.89811E-04	474686.6 3755718.2	503.4	0.59	5.35
0.55 YES L0004215	0	0.89811E-04	474697.8 3755715.9	503.5	0.59	5.35
0.55 YES L0004216	0	0.89811E-04	474709.1 3755713.6	503.7	0.59	5.35
0.55 YES L0004217	0	0.89811E-04	474720.4 3755711.2	503.9	0.59	5.35
0.55 YES L0004218	0	0.89811E-04	474731.6 3755708.9	504.0	0.59	5.35
0.55 YES L0004219	0	0.89811E-04	474742.9 3755706.6	504.1	0.59	5.35
0.55 YES L0004220	0	0.89811E-04	474754.2 3755704.4	504.1	0.59	5.35
0.55 YES L0004221	0	0.89811E-04	474765.4 3755702.1	504.1	0.59	5.35
0.55 YES L0004222	0	0.89811E-04	474776.7 3755699.9	504.1	0.59	5.35
0.55 YES L0004223	0	0.89811E-04	474788.0 3755697.6	504.1	0.59	5.35
0.55 YES L0004224	0	0.89811E-04	474799.3 3755695.4	504.1	0.59	5.35
0.55 YES L0004225	0	0.89811E-04	474810.6 3755693.1	504.0	0.59	5.35
0.55 YES L0004226	0	0.89811E-04	474821.8 3755690.9	504.0	0.59	5.35
0.55 YES L0004227	0	0.89811E-04	474833.1 3755688.6	504.0	0.59	5.35
0.55 YES L0004228	0	0.89811E-04	474844.4 3755686.4	504.0	0.59	5.35
0.55 YES L0004229	0	0.89811E-04	474855.7 3755684.1	504.0	0.59	5.35
0.55 YES L0004230	0	0.89811E-04	474866.9 3755681.9	503.9	0.59	5.35
0.55 YES ↑ *** AERMOD -		ON 21112 ***	*** 2027 OPERATION			
		***	04/06/22			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004231 0.55 YES	0	0.89811E-04	474878.2	3755679.6	503.9	0.59	5.35
L0004232	0	0.89811E-04	474889.5	3755677.4	503.9	0.59	5.35
0.55 YES L0004233 0.55 YES	0	0.89811E-04	474900.8	3755675.1	503.9	0.59	5.35
L0004234 0.55 YES	0	0.89811E-04	474912.1	3755672.9	503.9	0.59	5.35
L0004235 0.55 YES	0	0.89811E-04	474923.3	3755670.6	503.9	0.59	5.35
L0004236 0.55 YES	0	0.89811E-04	474934.6	3755668.3	503.9	0.59	5.35
L0004237 0.55 YES	0	0.89811E-04	474945.9	3755666.1	503.8	0.59	5.35
L0004238 0.55 YES	0	0.89811E-04	474957.2	3755663.8	503.8	0.59	5.35
L0004239 0.55 YES	0	0.89811E-04	474968.4	3755661.6	503.8	0.59	5.35
L0004240 0.55 YES	0	0.89811E-04	474979.7	3755659.3	503.8	0.59	5.35
L0004241 0.55 YES	0	0.89811E-04	474991.0	3755657.1	503.8	0.59	5.35
L0004242 0.55 YES	0	0.89811E-04	475002.3	3755654.8	503.8	0.59	5.35
L0004243 0.55 YES	0	0.89811E-04	475013.5	3755652.6	503.8	0.59	5.35
L0004244	0	0.89811E-04	475024.8	3755650.3	503.7	0.59	5.35
0.55 YES L0004245	0	0.89811E-04	475036.1	3755648.1	503.7	0.59	5.35
0.55 YES L0004246 0.55 YES	0	0.89811E-04	475047.4	3755645.8	503.7	0.59	5.35

L0004247	0	0.89811E-04	475058.7 3755643.6	503.7	0.59	5.35
0.55 YES						
L0004248	0	0.89811E-04	475069.9 3755641.3	503.7	0.59	5.35
0.55 YES						
L0004249	0	0.89811E-04	475081.2 3755639.1	503.7	0.59	5.35
0.55 YES						
L0004250	0	0.89811E-04	475092.5 3755636.8	503.6	0.59	5.35
0.55 YES						
L0004251	0	0.89811E-04	475103.8 3755634.6	503.6	0.59	5.35
0.55 YES						
L0004252	0	0.89811E-04	475115.0 3755632.3	503.6	0.59	5.35
0.55 YES						
L0004253	0	0.89811E-04	475126.3 3755630.1	503.6	0.59	5.35
0.55 YES						
L0004254	0	0.89811E-04	475137.6 3755627.8	503.6	0.59	5.35
0.55 YES						
L0004255	0	0.89811E-04	475148.9 3755625.6	503.6	0.59	5.35
0.55 YES						
L0004256	0	0.89811E-04	475160.2 3755623.3	503.6	0.59	5.35
0.55 YES	_					
L0004257	0	0.89811E-04	475171.4 3755621.1	503.5	0.59	5.35
0.55 YES	_					
L0004258	0	0.89811E-04	475182.7 3755618.8	503.5	0.59	5.35
0.55 YES	_					
L0004259	0	0.89811E-04	475194.0 3755616.6	503.5	0.59	5.35
0.55 YES	•	0.000445.04	475005 2 2755644 2	503 F	0 50	
L0004260	0	0.89811E-04	475205.3 3755614.3	503.5	0.59	5.35
0.55 YES	•	0.000445.04	475246 7 2755642 4	502.4	0 50	
L0004261	0	0.89811E-04	475216.7 3755613.1	503.4	0.59	5.35
0.55 YES	0	0.000115.01	475220 2 2755642 2	502.4	0.50	F 2F
L0004262	0	0.89811E-04	475228.2 3755612.2	503.4	0.59	5.35
0.55 YES	0	0 000115 04	475220 6 2755611 2	F02 2	0 50	г эг
L0004263 0.55 YES	0	0.89811E-04	475239.6 3755611.2	503.3	0.59	5.35
0.55 YES L0004264	0	0 00011E 04	475251.1 3755610.3	EQ2 2	0.59	5.35
0.55 YES	Ø	0.090116-04	4/3231.1 3/33010.3	303.2	0.59	5.55
L0004265	0	0 00011E 04	475262.5 3755609.3	503.2	0.59	5.35
0.55 YES	Ø	0.030116-04	4/3202.3 3/33009.3	303.2	0.39	3.33
L0004266	0	0 90911E_0/	475274.0 3755608.4	503.1	0.59	5.35
0.55 YES	V	0.03011L-04	4/32/4.0 3/33008.4	363.1	0.55	رد.د
L0004267	0	0 89811F-04	475285.5 3755607.5	503.0	0.59	5.35
0.55 YES	Ū	0.000111 04	473203.3 3733007.3	303.0	0.55	3.33
L0004268	0	0 89811F-04	475296.9 3755606.5	503.0	0.59	5.35
0.55 YES	Ū	0.030111 01	1,3230.3 3,33000.3	303.0	0.33	3.33
L0004269	0	0.89811F-04	475308.4 3755606.2	502.9	0.59	5.35
0.55 YES	J	J. J				55
L0004270	0	0.89811F-04	475319.9 3755606.4	502.9	0.59	5.35
0.55 YES	J			22-12		2.33
	VERST	ON 21112 ***	*** 2027 OPERATION	S - AUTO TO	OG	
			202. 0. 2.01011			

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

				***	VOLUME SO	OURCE DATA	<i>t</i> ***
INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)					
JD JOURCE	CATS.	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY	, -,	- /	- /	- /	- /
L0004271 0.55 YES	0	0.89811E-04	475331.4	3755606.6	502.9	0.59	5.35
L0004272	0	0.89811E-04	475342.9	3755606.7	502.9	0.59	5.35
0.55 YES							
L0004273	0	0.89811E-04	475354.4	3755606.9	502.9	0.59	5.35
0.55 YES L0004274	0	0.89811E-04	475365.9	3755607.1	502.9	0.59	5.35
0.55 YES	Ü	0.030111 0.	173303.3	3,3300,12	302.3	0.33	3.33
L0004275	0	0.89811E-04	475377.4	3755607.3	502.9	0.59	5.35
0.55 YES L0004276	0	0.89811E-04	47E200 Ω	2755607 5	502.9	0.59	5.35
0.55 YES	V	0.030116-04	4/3300.3	3/3300/.3	302.3	0.33	3.33
L0004277	0	0.89811E-04	475400.4	3755607.6	502.9	0.59	5.35
0.55 YES	0	0 000115 04	475444 0	2755607 0	F02 0	0 50	F 25
L0004278 0.55 YES	0	0.89811E-04	4/5411.9	3/5560/.8	502.9	0.59	5.35
L0004279	0	0.89811E-04	475423.4	3755608.0	502.9	0.59	5.35
0.55 YES							
L0004280 0.55 YES	0	0.89811E-04	475434.9	3755608.2	502.9	0.59	5.35
L0004281	0	0.89811E-04	475446.4	3755608.4	502.9	0.59	5.35
0.55 YES							
L0004282	0	0.89811E-04	475457.9	3755608.6	502.9	0.59	5.35
0.55 YES L0004283	0	0.89811E-04	475469 4	3755608 7	502.9	0.59	5.35
0.55 YES	Ü	0.000111 04	+7 J+0J <b>.</b> +	3733000.7	302.3	0.33	J.33
L0004284	0	0.89811E-04	475480.9	3755608.9	502.9	0.59	5.35
0.55 YES	0	0 000115 04	475400 4	2755600 4	F02 0	0 50	F 25
L0004285 0.55 YES	0	0.89811E-04	4/5492.4	3/55609.1	502.9	0.59	5.35
L0004286	0	0.89811E-04	475503.9	3755609.3	502.9	0.59	5.35
0.55 YES							

L0004287	0	0.89811E-04	475515.4 3755609.5	502.9	0.59	5.35
0.55 YES						
L0004288	0	0.89811E-04	475526.9 3755609.6	502.9	0.59	5.35
0.55 YES						
L0004289	0	0.89811E-04	475538.4 3755609.8	502.9	0.59	5.35
0.55 YES						
L0004290	0	0.89811E-04	475549.9 3755610.0	502.9	0.59	5.35
0.55 YES						
L0004291	0	0.89811E-04	475561.4 3755610.2	502.9	0.59	5.35
0.55 YES						
L0004292	0	0.89811E-04	475572.9 3755610.4	502.9	0.59	5.35
0.55 YES						
L0004293	0	0.89811E-04	475584.4 3755610.5	502.9	0.59	5.35
0.55 YES						
L0004294	0	0.89811E-04	475595.9 3755610.7	502.9	0.59	5.35
0.55 YES						
L0004295	0	0.89811E-04	475607.4 3755610.9	502.9	0.59	5.35
0.55 YES						
L0004296	0	0.89811E-04	475618.9 3755611.1	502.9	0.59	5.35
0.55 YES						
L0004297	0	0.89811E-04	475630.4 3755611.3	502.8	0.59	5.35
0.55 YES						
L0004298	0	0.89811E-04	475641.9 3755611.5	502.8	0.59	5.35
0.55 YES						
L0004299	0	0.89811E-04	475653.4 3755611.6	502.8	0.59	5.35
0.55 YES						
L0004300	0	0.89811E-04	475664.9 3755611.8	502.8	0.59	5.35
0.55 YES						
L0004301	0	0.89811E-04	475676.4 3755612.0	502.8	0.59	5.35
0.55 YES						
L0004302	0	0.89811E-04	475687.9 3755612.2	502.8	0.59	5.35
0.55 YES						
L0004303	0	0.89811E-04	475699.4 3755612.4	502.8	0.59	5.35
0.55 YES						
L0004304	0	0.89811E-04	475710.9 3755612.5	502.8	0.59	5.35
0.55 YES						
L0004305	0	0.89811E-04	475722.3 3755612.7	502.8	0.59	5.35
0.55 YES						
L0004306	0	0.89811E-04	475733.8 3755612.9	502.8	0.59	5.35
0.55 YES						
L0004307	0	0.89811E-04	475745.3 3755613.1	502.8	0.59	5.35
0.55 YES						
L0004308	0	0.89811E-04	475756.8 3755613.3	502.8	0.59	5.35
0.55 YES						
L0004309	0	0.89811E-04	475768.3 3755613.5	502.8	0.59	5.35
0.55 YES	-		<del></del>		•	
L0004310	0	0.89811E-04	475779.8 3755613.6	502.8	0.59	5.35
0.55 YES	-		•		•	
	VERSI	ON 21112 ***	*** 2027 OPERATION	S - AUTO T	'OG	
			2 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -		-	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004311	0	0.89811E-04	475791.3	3755613.8	502.8	0.59	5.35
0.55 YES							
L0004312	0	0.89811E-04	475802.8	3755614.0	502.8	0.59	5.35
0.55 YES	•	0 000445 04	475044.2	2755644 2	F00 0	0 50	F 25
L0004313	0	0.89811E-04	4/5814.3	3/55614.2	502.8	0.59	5.35
0.55 YES L0004314	0	0.89811E-04	/75825 R	375561 <i>/</i> /	502.8	0.59	5.35
0.55 YES	U	0.050111-04	473023.0	3733014.4	302.0	0.55	J <b>.</b> JJ
L0004315	0	0.89811E-04	475837.3	3755614.5	502.8	0.59	5.35
0.55 YES							
L0004316	0	0.89811E-04	475848.8	3755614.7	502.8	0.59	5.35
0.55 YES							
L0004317	0	0.89811E-04	475860.3	3755614.9	502.8	0.59	5.35
0.55 YES			4====4				
L0004318	0	0.89811E-04	4/58/1.8	3/55615.1	502.8	0.59	5.35
0.55 YES L0004319	0	0.89811E-04	175002 2	2755615 2	502.8	0.59	5.35
0.55 YES	U	0.89811L-04	4/3003.3	3/33013.3	302.0	0.33	3.33
L0004320	0	0.89811E-04	475894.8	3755615.5	502.8	0.59	5.35
0.55 YES							
L0004321	0	0.89811E-04	475906.3	3755615.6	502.8	0.59	5.35
0.55 YES							
L0004322	0	0.89811E-04	475917.8	3755615.8	502.8	0.59	5.35
0.55 YES	0	0 000115 04	475020 2	2755616 0	F02 0	0. 50	F 2F
L0004323 0.55 YES	0	0.89811E-04	4/5929.3	3/55616.0	502.8	0.59	5.35
L0004324	0	0.89811E-04	475940.8	3755616.2	502.7	0.59	5.35
0.55 YES	Ü	0.030111 0.	1733 10.0	3,33010.2	302.7	0.33	3.33
L0004325	0	0.89811E-04	475952.3	3755616.4	502.7	0.59	5.35
0.55 YES							
L0004326	0	0.89811E-04	475963.8	3755616.5	502.7	0.59	5.35
0.55 YES							

L0004327 0.55 YES	0	0.89811E-04	475975.3 3755616.7	502.7	0.59	5.35
L0004328	0	0.89811E-04	475986.8 3755616.9	502.7	0.59	5.35
0.55 YES L0004329	0	0.89811E-04	475998.3 3755617.1	502.7	0.59	5.35
0.55 YES L0004330	0	0.89811E-04	476009.8 3755617.3	502.7	0.59	5.35
0.55 YES L0004331	0	0.89811E-04	476021.3 3755617.5	502.7	0.59	5.35
0.55 YES L0004332	0	0.89811E-04	476032.8 3755617.6	502.7	0.59	5.35
0.55 YES L0004333	0	0.89811E-04	476044.3 3755617.8	502.7	0.59	5.35
0.55 YES L0004334	0	0.89811E-04	476055.8 3755618.0	502.7	0.59	5.35
0.55 YES L0004335	0	0.89811E-04	476067.3 3755618.2	502.7	0.59	5.35
0.55 YES L0004336	0	0.89811E-04	476078.8 3755618.4	502.7	0.59	5.35
0.55 YES L0004337	0	0.89811E-04	476090.3 3755618.5	502.7	0.59	5.35
0.55 YES L0004338	0	0.89811E-04	476101.8 3755618.7	502.7	0.59	5.35
0.55 YES L0004339	0	0.89811E-04	476113.3 3755618.9	502.7	0.59	5.35
0.55 YES L0004340	0	0.89811E-04	476124.8 3755619.1	502.7	0.59	5.35
0.55 YES L0004341	0	0.89811E-04		502.7	0.59	5.35
0.55 YES L0004342	0	0.89811E-04	476147.8 3755619.5	502.7	0.59	5.35
0.55 YES						
L0004343 0.55 YES	0	0.89811E-04		502.7	0.59	5.35
L0004344 0.55 YES	0	0.89811E-04	476170.8 3755619.8	502.7	0.59	5.35
L0004345 0.55 YES	0		476182.3 3755620.0	502.7	0.59	5.35
L0004346 0.55 YES	0	0.89811E-04	476193.8 3755620.2	502.7	0.59	5.35
L0004347 0.55 YES	0	0.89811E-04	476205.3 3755620.4	502.7	0.59	5.35
L0004348 0.55 YES	0	0.89811E-04	476216.8 3755620.5	502.7	0.59	5.35
L0004349 0.55 YES	0	0.89811E-04	476228.3 3755620.7	502.7	0.59	5.35
L0004350 0.55 YES	0	0.89811E-04	476239.8 3755620.9	502.6	0.59	5.35
	- VERSIO	ON 21112 *** ***	*** 2027 OPERATION 04/06/22	S - AUTO TO	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI(	ON RATE					
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004351	0	0.89811E-04	476251.3	3755621.1	502.6	0.59	5.35
0.55 YES							
L0004352	0	0.89811E-04	476262.8	3755621.3	502.6	0.59	5.35
0.55 YES							
L0004353	0	0.89811E-04	476274.3	3755621.5	502.6	0.59	5.35
0.55 YES							
L0004354	0	0.89811E-04	476285.8	3755621.6	502.6	0.59	5.35
0.55 YES	•	0 000115 01	476007 3	2755624 0	E00 6	0.50	F 25
L0004355	0	0.89811E-04	4/629/.3	3/55621.8	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476200 0	2755622 0	F02 6	0.50	F 2F
L0004356	0	0.89811E-04	4/6308.8	3/55622.0	502.6	0.59	5.35
0.55 YES L0004357	0	0.89811E-04	476220 2	2755622 2	502.6	0.59	5.35
0.55 YES	Ø	0.090116-04	4/6320.3	3/33022.2	302.0	0.59	3.33
L0004358	0	0.89811E-04	/76331 Q	2755622 /	502.6	0.59	5.35
0.55 YES	Ū	0.000111-04	470551.8	3733022.4	302.0	0.55	3.33
L0004359	0	0.89811E-04	476343.3	3755622.5	502.6	0.59	5.35
0.55 YES	Ū	0.030111 01	17031313	3,33022.3	302.0	0.33	3.33
L0004360	0	0.89811E-04	476354.8	3755622.7	502.6	0.59	5.35
0.55 YES							
L0004361	0	0.89811E-04	476366.3	3755622.9	502.6	0.59	5.35
0.55 YES							
L0004362	0	0.89811E-04	476377.8	3755623.1	502.6	0.59	5.35
0.55 YES							
L0004363	0	0.89811E-04	476389.3	3755623.3	502.6	0.59	5.35
0.55 YES							
L0004364	0	0.89811E-04	476400.8	3755623.5	502.6	0.59	5.35
0.55 YES							
L0004365	0	0.89811E-04	476412.3	3755623.6	502.6	0.59	5.35
0.55 YES	_	0 000447 05	476400	2755622	E00 -	0 =0	
L0004366	0	0.89811E-04	4/6423.8	3/55623.8	502.6	0.59	5.35
0.55 YES							

L0004367	0	0.89811E-04	476435.3 3755624.0	502.6	0.59	5.35
0.55 YES						
L0004368	0	0.89811E-04	476446.8 3755624.2	502.6	0.59	5.35
0.55 YES						
L0004369	0	0.89811E-04	476458.3 3755624.4	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476460 0 2755624 5	F02 6	0 50	F 2F
L0004370	0	0.89811E-04	476469.8 3755624.5	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476404 2 2755624 7	F02 6	0 50	F 2F
L0004371	0	0.89811E-04	476481.3 3755624.7	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476402 0 2755624 0	F02 6	0 50	F 2F
L0004372	0	0.89811E-04	476492.8 3755624.9	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476504 2 2755625 4	F02 6	0 50	F 2F
L0004373	0	0.89811E-04	476504.3 3755625.1	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476515 0 2755625 2	F02 C	0 50	г эг
L0004374	0	0.89811E-04	476515.8 3755625.3	502.6	0.59	5.35
0.55 YES	0	0 000115 04	476527 2 2755625 5	F02 C	0 50	г эг
L0004375	0	0.89811E-04	476527.2 3755625.5	502.6	0.59	5.35
0.55 YES	0	0 007725 04	476516 0 2755644 4	F02 F	0 50	г эг
L0004376	0	0.89773E-04	476516.0 3755644.4	502.5	0.59	5.35
0.55 YES	0	0 007725 04	476504 5 2755644 2	F02 F	0 50	г эг
L0004377	0	0.89773E-04	476504.5 3755644.2	502.5	0.59	5.35
0.55 YES	0	0.89773E-04	476402 0 2755644 0	F02 F	0.59	5.35
L0004378 0.55 YES	0	0.89//36-04	476493.0 3755644.0	502.5	0.59	5.33
L0004379	0	0.89773E-04	476481.5 3755643.8	502.5	0.59	5.35
0.55 YES	О	0.03//36-04	4/0461.5 3/33043.6	302.3	0.39	5.33
L0004380	0	0.89773E-04	476470.0 3755643.5	502.5	0.59	5.35
0.55 YES	V	0.03//36-04	470470.0 3733043.3	302.3	0.39	3.33
L0004381	0	0.89773E-04	476458.5 3755643.3	502.5	0.59	5.35
0.55 YES	V	0.03//36-04	470438.3 3733043.3	302.3	0.39	3.33
L0004382	0	0.89773E-04	476447.1 3755643.1	502.5	0.59	5.35
0.55 YES	U	0.037732 04	470447.1 3733043.1	302.3	0.55	3.33
L0004383	0	0 89773F-04	476435.6 3755642.9	502.5	0.59	5.35
0.55 YES	U	0.037732 04	+70+33:0 37330+2:3	302.3	0.55	3.33
L0004384	0	0.89773F-04	476424.1 3755642.6	502.5	0.59	5.35
0.55 YES	Ū	0.037732 04	470424.1 3733042.0	302.3	0.33	3.33
L0004385	0	0.89773F-04	476412.6 3755642.4	502.5	0.59	5.35
0.55 YES	ŭ	0.037732 01	., 0.122.0 3, 330.12.1	302.3	0.55	3.33
L0004386	0	0.89773E-04	476401.1 3755642.2	502.5	0.59	5.35
0.55 YES	-					
L0004387	0	0.89773E-04	476389.6 3755642.0	502.6	0.59	5.35
0.55 YES						
L0004388	0	0.89773E-04	476378.1 3755641.7	502.6	0.59	5.35
0.55 YES						
L0004389	0	0.89773E-04	476366.6 3755641.5	502.6	0.59	5.35
0.55 YES						
L0004390	0	0.89773E-04	476355.1 3755641.3	502.6	0.59	5.35
0.55 YES						
↑ *** AERMOD	- VERSIC	N 21112 ***	*** 2027 OPERATION	NS - AUTO	TOG	
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN EMISSION RATE  SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY  SZ SOURCE SCALAR VARY  ID CATS. (METERS) (METERS) (METERS) (METERS)  (METERS) BY
ID CATS. (METERS) (ME
L0004391
0.55 YES L0004392 0 0.89773E-04 476332.1 3755640.8 502.6 0.59 5.35
0.55 YES L0004392 0 0.89773E-04 476332.1 3755640.8 502.6 0.59 5.35
L0004392 0 0.89773E-04 476332.1 3755640.8 502.6 0.59 5.35
0.55 YES
L0004393 0 0.89773E-04 476320.6 3755640.6 502.6 0.59 5.35
0.55 YES
L0004394 0 0.89773E-04 476309.1 3755640.4 502.6 0.59 5.35 0.55 YES
L0004395 0 0.89773E-04 476297.6 3755640.2 502.6 0.59 5.35
0.55 YES L0004396 0 0.89773E-04 476286.1 3755639.9 502.6 0.59 5.35
0.55 YES L0004397 0 0.89773E-04 476274.6 3755639.7 502.6 0.59 5.35
0.55 YES
L0004398 0 0.89773E-04 476263.1 3755639.5 502.6 0.59 5.35 0.55 YES
L0004399 0 0.89773E-04 476251.6 3755639.3 502.6 0.59 5.35
0.55 YES L0004400 0 0.89773E-04 476240.1 3755639.1 502.6 0.59 5.35
0.55 YES
L0004401 0 0.89773E-04 476228.6 3755638.8 502.6 0.59 5.35 0.55 YES
L0004402 0 0.89773E-04 476217.1 3755638.6 502.6 0.59 5.35
0.55 YES L0004403 0 0.89773E-04 476205.6 3755638.4 502.6 0.59 5.35
0.55 YES
L0004404 0 0.89773E-04 476194.1 3755638.2 502.6 0.59 5.35
0.55 YES L0004405 0 0.89773E-04 476182.6 3755637.9 502.6 0.59 5.35
0.55 YES
L0004406 0 0.89773E-04 476171.1 3755637.7 502.7 0.59 5.35 0.55 YES

L0004407	0	0.89773E-04	476159.6 3755637.5	502.7	0.59	5.35
0.55 YES	0	0 007735 04	476140 1 2755627 2	F02 7	0.50	г эг
L0004408 0.55 YES	0	0.89773E-04	476148.1 3755637.3	502.7	0.59	5.35
L0004409	0	0.89773E-04	476136.6 3755637.0	502.7	0.59	5.35
0.55 YES	J	0.037732 04	470130.0 3733037.0	302.7	0.55	J. JJ
L0004410	0	0.89773E-04	476125.1 3755636.8	502.7	0.59	5.35
0.55 YES						
L0004411	0	0.89773E-04	476113.6 3755636.6	502.7	0.59	5.35
0.55 YES						
L0004412	0	0.89773E-04	476102.1 3755636.4	502.7	0.59	5.35
0.55 YES						
L0004413	0	0.89773E-04	476090.6 3755636.1	502.7	0.59	5.35
0.55 YES						
L0004414	0	0.89773E-04	476079.1 3755635.9	502.7	0.59	5.35
0.55 YES						
L0004415	0	0.89773E-04	476067.6 3755635.7	502.7	0.59	5.35
0.55 YES	_					
L0004416	0	0.89773E-04	476056.1 3755635.5	502.7	0.59	5.35
0.55 YES	_					
L0004417	0	0.89773E-04	476044.6 3755635.2	502.7	0.59	5.35
0.55 YES						
L0004418	0	0.89773E-04	476033.1 3755635.0	502.7	0.59	5.35
0.55 YES	•	0 007725 04	476024 6 2755624 0	F02 7	0.50	F 2F
L0004419	0	0.89773E-04	476021.6 3755634.8	502.7	0.59	5.35
0.55 YES	0	0 007735 04	476010 1 2755624 6	F02 7	0 50	F 2F
L0004420	0	0.89773E-04	476010.1 3755634.6	502.7	0.59	5.35
0.55 YES	0	0 007725 04	47E000 6 27EE624 2	F02 7	0 50	F 2F
L0004421 0.55 YES	0	0.89773E-04	475998.6 3755634.3	502.7	0.59	5.35
0.55 YES L0004422	0	0.89773E-04	475987.1 3755634.1	502.7	0.59	5.35
0.55 YES	Ø	0.03//36-04	4/398/.1 3/33034.1	302.7	0.39	3.33
L0004423	0	0.89773E-04	475975.6 3755633.9	502.7	0.59	5.35
0.55 YES	O	0.03//36-04	4/33/3.0 3/33033.3	302.7	0.55	5.55
L0004424	0	0.89773E-04	475964.1 3755633.7	502.7	0.59	5.35
0.55 YES	· ·	0.037732 04	473304.1 3733033.7	302.7	0.55	J. JJ
L0004425	0	0.89773F-04	475952.6 3755633.4	502.7	0.59	5.35
0.55 YES	Ū	0.037732 01	1,333210 3,3303311	30217	0.55	3.33
L0004426	0	0.89773E-04	475941.1 3755633.2	502.8	0.59	5.35
0.55 YES						
L0004427	0	0.89773E-04	475929.6 3755633.0	502.8	0.59	5.35
0.55 YES						
L0004428	0	0.89773E-04	475918.2 3755632.8	502.8	0.59	5.35
0.55 YES						
L0004429	0	0.89773E-04	475906.7 3755632.6	502.8	0.59	5.35
0.55 YES						
L0004430	0	0.89773E-04	475895.2 3755632.3	502.8	0.59	5.35
0.55 YES						
★ *** AERMOD -	VERSI	ON 21112 ***	*** 2027 OPERATION	IS - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE S7 SOURCE	PART.	(GRAMS/SEC)			ELEV.	HEIGHT	
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004431	0	0.89773E-04	475883.7	3755632.1	502.8	0.59	5.35
0.55 YES							
L0004432	0	0.89773E-04	475872.2	3755631.9	502.8	0.59	5.35
0.55 YES	0	0 007725 04	475060 7	2755624 7	502.0	0 50	F 2F
L0004433	0	0.89773E-04	4/5860./	3/55631./	502.8	0.59	5.35
0.55 YES L0004434	0	0.89773E-04	175819 2	3755631.4	502.8	0.59	5.35
0.55 YES	O	0.05//36-04	4/3043.2	3733031.4	302.0	0.55	5.55
L0004435	0	0.89773E-04	475837.7	3755631.2	502.8	0.59	5.35
0.55 YES							
L0004436	0	0.89773E-04	475826.2	3755631.0	502.8	0.59	5.35
0.55 YES							
L0004437	0	0.89773E-04	475814.7	3755630.8	502.8	0.59	5.35
0.55 YES			.==	.===			
L0004438	0	0.89773E-04	4/5803.2	3/55630.5	502.8	0.59	5.35
0.55 YES L0004439	0	0.89773E-04	<i>1</i> 75701 7	3755630.3	502.8	0.59	5.35
0.55 YES	U	0.83773L-04	4/3/31./	3733030.3	302.0	0.33	3.33
L0004440	0	0.89773E-04	475780.2	3755630.1	502.8	0.59	5.35
0.55 YES							
L0004441	0	0.89773E-04	475768.7	3755629.9	502.8	0.59	5.35
0.55 YES							
L0004442	0	0.89773E-04	475757.2	3755629.6	502.8	0.59	5.35
0.55 YES	0	0 007735 04	475745 7	2755620 4	F02 0	0 50	F 2F
L0004443 0.55 YES	0	0.89773E-04	4/5/45./	3/55629.4	502.8	0.59	5.35
L0004444	0	0.89773E-04	475734.2	3755629.2	502.8	0.59	5.35
0.55 YES	Ü	0.037732 01	17373112	3,33023.2	302.0	0.33	3.33
L0004445	0	0.89773E-04	475722.7	3755629.0	502.9	0.59	5.35
0.55 YES							
L0004446	0	0.89773E-04	475711.2	3755628.7	502.9	0.59	5.35
0.55 YES							

L0004447	0	0.89773E-04	475699.7 3755628.5	502.9	0.59	5.35
0.55 YES L0004448	0	0.89773E-04	475688.2 3755628.3	502.9	0.59	5.35
0.55 YES	O	0.03//3L-04	473000.2 3733020.3	302.3	0.55	5.55
L0004449	0	0.89773E-04	475676.7 3755628.1	502.9	0.59	5.35
0.55 YES						
L0004450	0	0.89773E-04	475665.2 3755627.8	502.9	0.59	5.35
0.55 YES						
L0004451	0	0.89773E-04	475653.7 3755627.6	502.9	0.59	5.35
0.55 YES	α	0.89773E-04	475642 2 2755627 4	FA2 0	0 50	F 2F
L0004452 0.55 YES	0	0.89//36-04	475642.2 3755627.4	502.9	0.59	5.35
L0004453	0	0.89773E-04	475630.7 3755627.2	502.9	0.59	5.35
0.55 YES	U	0.03//3L-04	473030.7 3733027.2	302.3	0.55	5.55
L0004454	0	0.89773E-04	475619.2 3755627.0	502.9	0.59	5.35
0.55 YES						
L0004455	0	0.89773E-04	475607.7 3755626.7	502.9	0.59	5.35
0.55 YES						
L0004456	0	0.89773E-04	475596.2 3755626.5	502.9	0.59	5.35
0.55 YES						
L0004457	0	0.89773E-04	475584.7 3755626.3	502.9	0.59	5.35
0.55 YES						
L0004458	0	0.89773E-04	475573.2 3755626.1	502.9	0.59	5.35
0.55 YES			4===44 = 0===40= 0			
L0004459	0	0.89773E-04	475561.7 3755625.8	502.9	0.59	5.35
0.55 YES	α	0 007725 04	475550 2 2755625 6	FA2 0	0 50	5.35
L0004460 0.55 YES	0	0.89773E-04	475550.2 3755625.6	502.9	0.59	5.33
L0004461	0	0.89773E-04	475538.7 3755625.4	502.9	0.59	5.35
0.55 YES	O	0.037732 04	4/3330./ 3/33023.4	302.5	0.55	3.33
L0004462	0	0.89773E-04	475527.2 3755625.2	502.9	0.59	5.35
0.55 YES						
L0004463	0	0.89773E-04	475515.7 3755624.9	502.9	0.59	5.35
0.55 YES						
L0004464	0	0.89773E-04	475504.2 3755624.7	502.9	0.59	5.35
0.55 YES						
L0004465	0	0.89773E-04	475492.7 3755624.5	502.9	0.59	5.35
0.55 YES			4==404 0 0===404 0			
L0004466	0	0.89//3E-04	475481.2 3755624.3	503.0	0.59	5.35
0.55 YES L0004467	α	0 007725 04	47E460 7 27EE624 0	F02 0	0 50	F 2F
0.55 YES	0	0.89//36-04	475469.7 3755624.0	503.0	0.59	5.35
L0004468	0	0 89773F_0/I	475458.2 3755623.8	503.0	0.59	5.35
0.55 YES	U	0.03//3L-04	475450.2 5755025.0	303.0	0.55	5.55
L0004469	0	0.89773E-04	475446.7 3755623.6	503.0	0.59	5.35
0.55 YES	J	,	2.1.27. 2.33023.0	232.0	- •	2.33
L0004470	0	0.89773E-04	475435.2 3755623.4	503.0	0.59	5.35
0.55 YES						
↑ *** AERMOD -	· VERSIC	N 21112 ***	*** 2027 OPERATION	IS - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN							
		(GRAMS/SEC)					
SZ SOURCE ID (METERS)	SCALAR	VARY	(	/	/	/··	(
ID (METERS)	CATS.	D) (	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		ВҮ 					
L0004471	0	0.89773E-04	475423.7	3755623.1	503.0	0.59	5.35
0.55 YES	•		., 5 5	575555	50510	0,00	5.55
	0	0.89773E-04	475412.2	3755622.9	503.0	0.59	5.35
0.55 YES	-						
L0004473	0	0.89773E-04	475400.8	3755623.0	503.0	0.59	5.35
0.55 YES							
L0004474	0	0.89773E-04	475389.3	3755623.4	503.2	0.59	5.35
0.55 YES							
L0004475	0	0.89773E-04	475377.8	3755623.9	503.3	0.59	5.35
0.55 YES							
L0004476	0	0.89773E-04	475366.3	3755624.3	503.4	0.59	5.35
0.55 YES							
L0004477	0	0.89773E-04	475354.8	3755624.8	503.5	0.59	5.35
0.55 YES							
L0004478	0	0.89773E-04	475343.3	3755625.2	503.6	0.59	5.35
0.55 YES							
L0004479	0	0.89773E-04	475331.8	3755625.6	503.7	0.59	5.35
0.55 YES							
L0004480	0	0.89773E-04	475320.3	3755626.1	503.9	0.59	5.35
0.55 YES	_						
L0004481	0	0.89773E-04	4/5308.8	3/55626.5	504.0	0.59	5.35
0.55 YES	0	0 007735 04	475207 2	2755627 0	FO4 1	0.50	F 2F
L0004482	0	0.89773E-04	4/529/.3	3/5562/.0	504.1	0.59	5.35
0.55 YES L0004483	0	0.89773E-04	47F20F 0	2755627 4	FQ4 2	0.59	E 2E
0.55 YES	О	0.89//3E-04	4/5205.0	3/3302/.4	504.2	0.59	5.35
L0004484	0	0.89773E-04	175271 1	2755620 /	504.2	0.59	5.35
0.55 YES	v	0.03//3E-04	4/32/4.4	3/33020.4	364.2	0.33	رد.ر
L0004485	0	0.89773E-04	475262 Q	3755620 6	504.3	0.59	5.35
0.55 YES	U	0.07//JL-04	7/3202.3	J/JJUZ9.0	JU4.J	0.00	رد.ر
L0004486	0	0.89773E-04	475251.5	3755630.8	504.3	0.59	5.35
0.55 YES	J	0.00//JL 0T	., , , , , , ,	2, 22020.0	504.5	0.55	J•JJ
0.00							

L0004487	0	0.89773E-04	475240.1 3755632.0	504.3	0.59	5.35
0.55 YES	0	0 007725 04	475220 C 2755622 2	FQ4 2	0 50	F 2F
L0004488 0.55 YES	0	0.89773E-04	475228.6 3755633.2	504.3	0.59	5.35
L0004489	0	0.89773E-04	475217.2 3755634.5	504.4	0.59	5.35
0.55 YES	Ū	0.037732 01	17321712 373303113	301.1	0.33	3.33
L0004490	0	0.89773E-04	475205.8 3755635.7	504.4	0.59	5.35
0.55 YES						
L0004491	0	0.89773E-04	475194.3 3755636.9	504.4	0.59	5.35
0.55 YES						
L0004492	0	0.89773E-04	475182.9 3755638.1	504.4	0.59	5.35
0.55 YES						
L0004493	0	0.89773E-04	475171.5 3755639.3	504.4	0.59	5.35
0.55 YES						
L0004494	0	0.89773E-04	475160.0 3755640.6	504.5	0.59	5.35
0.55 YES	_					
L0004495	0	0.89773E-04	475148.6 3755641.9	504.5	0.59	5.35
0.55 YES	•	0 007725 04	475427 4 2755644 2	504.4	0.50	- 2-
L0004496	0	0.89773E-04	475137.4 3755644.3	504.4	0.59	5.35
0.55 YES	0	0 007725 04	475406 4 0755646 7	504.3	0 50	F 3F
L0004497	0	0.89773E-04	475126.1 3755646.7	504.3	0.59	5.35
0.55 YES L0004498	0	0.89773E-04	475114 0 2755640 1	FQ4 2	0.59	5.35
0.55 YES	0	0.89//3E-04	475114.9 3755649.1	504.3	0.59	5.33
L0004499	0	0.89773E-04	475103.6 3755651.4	504.2	0.59	5.35
0.55 YES	ð	0.83773L-04	4/5105.0 5/55051.4	304.2	0.55	رد.د
L0004500	0	0.89773E-04	475092.4 3755653.8	504.1	0.59	5.35
0.55 YES	Ü	0.037732 04	473032.4 3733033.0	304.1	0.55	3.33
L0004501	0	0.89773E-04	475081.1 3755656.2	504.1	0.59	5.35
0.55 YES	Ū	0.037732 01	17500111 575505012	301.1	0.33	3.33
L0004502	0	0.89773E-04	475069.9 3755658.6	504.0	0.59	5.35
0.55 YES						
L0004503	0	0.89773E-04	475058.6 3755660.9	503.9	0.59	5.35
0.55 YES						
L0004504	0	0.89773E-04	475047.3 3755663.3	503.9	0.59	5.35
0.55 YES						
L0004505	0	0.89773E-04	475036.1 3755665.7	503.8	0.59	5.35
0.55 YES						
L0004506	0	0.89773E-04	475024.8 3755668.1	503.7	0.59	5.35
0.55 YES						
L0004507	0	0.89773E-04	475013.6 3755670.4	503.7	0.59	5.35
0.55 YES						
L0004508	0	0.89773E-04	475002.3 3755672.8	503.6	0.59	5.35
0.55 YES	_					
L0004509	0	0.89773E-04	474991.1 3755675.2	503.5	0.59	5.35
0.55 YES	^	0 007735 01	474070 0 3755677 5	F03. 4	0.50	F 35
L0004510	0	0.89//3E-04	474979.8 3755677.5	503.4	0.59	5.35
0.55 YES	\/EDCT/	N 24442 ¥♥♥	*** 1017 ODEDATIO	NC AUTO 3	TOC	
↑ TTT AEKMUD -	AFK2T(	JN ZTTTZ ↓↓↓	*** 2027 OPERATION	NO - AUTU	I UG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMISSION RA	ATE .	BASE	RELEASE	INIT.
	PART. (GRAMS/SEC	(C) X Y	ELEV.	HEIGHT	SY
SZ SOURCE TD	CATS.	(METERS) (METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY	(METERS) (METERS)	(IILILIUS)	(1121213)	(1121213)
	0 0.89773E-04	474968.6 3755679.9	503.4	0.59	5.35
0.55 YES					
L0004512	0 0.89773E-04	474957.3 3755682.3	503.3	0.59	5.35
0.55 YES L0004513	0 0.89773E-04	474946.1 3755684.7	F02 2	0 50	F 2F
0.55 YES	0 0.89//3E-04	4/4940.1 3/33004./	503.2	0.59	5.35
L0004514	0 0.89773E-04	474934.8 3755687.0	503.2	0.59	5.35
0.55 YES	0 0:037732 0-	+ +7+23+10 373300710	303.2	0.33	3.33
L0004515	0 0.89773E-04	474923.6 3755689.4	503.1	0.59	5.35
0.55 YES					
L0004516	0 0.89773E-04	474912.3 3755691.8	503.0	0.59	5.35
0.55 YES					
L0004517	0 0.89773E-04	474901.1 3755694.2	503.0	0.59	5.35
0.55 YES					
L0004518	0 0.89773E-04	474889.8 3755696.5	502.9	0.59	5.35
0.55 YES L0004519	0 0.89773E-04	474070 ( )755600 0	F02 0	0 50	F 2F
0.55 YES	0 0.89//3E-04	474878.6 3755698.9	502.8	0.59	5.35
L0004520	0 0.89773E-04	474867.3 3755701.3	502.8	0.59	5.35
0.55 YES	0 0:037732 0-	+74007.5 5755701.5	302.0	0.33	3.33
L0004521	0 0.89773E-04	474856.1 3755703.7	502.7	0.59	5.35
0.55 YES					
L0004522	0 0.89773E-04	474844.8 3755706.0	502.6	0.59	5.35
0.55 YES					
L0004523	0 0.89773E-04	474833.6 3755708.4	502.5	0.59	5.35
0.55 YES					
L0004524	0 0.89773E-04	474822.3 3755710.8	502.5	0.59	5.35
0.55 YES	0 0 007725 04	. 474011 1 3755713 3	F02 4	0 50	F 2F
L0004525 0.55 YES	0 0.89773E-04	474811.1 3755713.2	502.4	0.59	5.35
0.55 YES L0004526	0 0.89773E-04	474799.8 3755715.5	502.3	0.59	5.35
0.55 YES	0 0.00//36-04	, -, , , , , , , , , , , , , , , , ,	502.5	0.55	J.JJ

L0004527	0	0.89773E-04	474788.5 3755717.9	502.3	0.59	5.35
0.55 YES	0	0 007725 04	474777 2 2755720 2	F02 2	0 50	F 2F
L0004528 0.55 YES	0	0.89773E-04	474777.3 3755720.3	502.2	0.59	5.35
L0004529	0	0.89773E-04	474766.0 3755722.7	502.1	0.59	5.35
0.55 YES	Ū	0.037732 04	474700.0 3733722.7	302.1	0.55	3.33
L0004530	0	0.89773E-04	474754.8 3755725.0	502.1	0.59	5.35
0.55 YES						
L0004531	0	0.89773E-04	474743.5 3755727.4	502.0	0.59	5.35
0.55 YES						
L0004532	0	0.89773E-04	474732.3 3755729.8	501.9	0.59	5.35
0.55 YES						
L0004533	0	0.89773E-04	474721.0 3755732.2	501.9	0.59	5.35
0.55 YES						
L0004534	0	0.89773E-04	474709.8 3755734.5	501.8	0.59	5.35
0.55 YES						
L0004535	0	0.89773E-04	474698.5 3755736.9	501.7	0.59	5.35
0.55 YES			4-440- 2 2-5-20 2			
L0004536	0	0.89773E-04	474687.3 3755739.3	501.7	0.59	5.35
0.55 YES	•	0 007725 04	474676 0 2755744 7	F04 6	0.50	- 2-
L0004537	0	0.89773E-04	474676.0 3755741.7	501.6	0.59	5.35
0.55 YES	0	0 007725 04	474664 Q 2755744 Q	FQ1 F	0.59	F 2F
L0004538 0.55 YES	0	0.89773E-04	474664.8 3755744.0	501.5	0.59	5.35
L0004539	0	0.89773E-04	474653.5 3755746.4	501.4	0.59	5.35
0.55 YES	О	0.09//36-04	4/4055.5 5/55/40.4	301.4	0.59	5.33
L0004540	0	0.89773E-04	474642.3 3755748.8	501.4	0.59	5.35
0.55 YES	Ü	0.037732 04	474042.5 5755740.0	301.4	0.55	J. JJ
L0004541	0	0.89773E-04	474631.0 3755751.2	501.3	0.59	5.35
0.55 YES	Ū	0.037732 01	17 1031.0 3733731.2	301.3	0.55	3.33
L0004542	0	0.89773E-04	474619.8 3755753.5	501.2	0.59	5.35
0.55 YES						
L0004543	0	0.89773E-04	474608.5 3755755.9	501.2	0.59	5.35
0.55 YES						
L0004544	0	0.89773E-04	474597.3 3755758.3	501.1	0.59	5.35
0.55 YES						
L0004545	0	0.89773E-04	474586.0 3755760.7	501.0	0.59	5.35
0.55 YES						
L0004546	0	0.89773E-04	474574.8 3755763.0	501.0	0.59	5.35
0.55 YES						
L0004547	0	0.89773E-04	474563.5 3755765.4	500.9	0.59	5.35
0.55 YES						
L0004548	0	0.89773E-04	474552.3 3755767.8	500.8	0.59	5.35
0.55 YES	^	0 007775 01	474544 0 0755770 0	F00 0	0.50	F 35
L0004549	0	0.89//3E-04	474541.0 3755770.2	500.8	0.59	5.35
0.55 YES	^	0 007775 04	474520 7 2755772 5	F00 7	0 50	F 3F
L0004550	0	0.89//3E-04	474529.7 3755772.5	500./	0.59	5.35
0.55 YES	VEDCT	าN ว111ว ***	*** 2027 OPERATION	IC ALITO T	·06	
AERMUD -	∧ ⊏ <i>L</i> /2T(	NI CTTTC	ZUZ/ UPERALIUN	ו אוטא - כו	UG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0004551 0.55 YES	0	0.89773E-04	474518.5	3755774.9	500.6	0.59	5.35
L0004552 0.55 YES	0	0.89773E-04	474507.2	3755777.3	500.6	0.59	5.35
L0004553 0.55 YES	0	0.89773E-04	474496.0	3755779.7	500.5	0.59	5.35
L0004554 0.55 YES	0	0.89773E-04	474484.7	3755782.0	500.4	0.59	5.35
L0004555 0.55 YES	0	0.89773E-04	474473.5	3755784.4	500.3	0.59	5.35
L0004556 0.55 YES	0	0.89773E-04	474462.2	3755786.8	500.3	0.59	5.35
L0004557 0.55 YES	0	0.89773E-04	474451.0	3755789.1	500.2	0.59	5.35
L0004558 0.55 YES	0	0.89773E-04	474439.7	3755791.5	500.1	0.59	5.35
L0004559 0.55 YES	0	0.89773E-04	474428.5	3755793.9	500.1	0.59	5.35
L0004560 0.55 YES	0	0.89773E-04	474417.2	3755796.3	500.0	0.59	5.35
L0004561 0.55 YES	0	0.89773E-04	474406.0	3755798.6	499.9	0.59	5.35
L0004562 0.55 YES	0	0.89773E-04	474394.7	3755801.0	499.9	0.59	5.35
L0004563 0.55 YES	0	0.89773E-04	474383.5	3755803.4	499.8	0.59	5.35
L0004564	0	0.89773E-04	474372.2	3755805.8	499.7	0.59	5.35
0.55 YES L0004565	0	0.89773E-04	474361.0	3755808.1	499.7	0.59	5.35
0.55 YES L0004566 0.55 YES	0	0.89773E-04	474349.7	3755810.5	499.6	0.59	5.35

L0004567	0	0.89773E-04	474338.5 3755812	.9 499.5	0.59	5.35
0.55 YES						
L0004568	0	0.89773E-04	474327.2 3755815	.3 499.4	0.59	5.35
0.55 YES						
L0004569	0	0.89773E-04	474316.0 3755817	.6 499.4	0.59	5.35
0.55 YES	Ū	0.037732 01	17 1510.0 57 55017	.0 133.1	0.33	3.33
	0	0 007725 04	474204 7 2755020	0 400 2	0 50	г эг
L0004570	0	0.89773E-04	474304.7 3755820	.0 499.3	0.59	5.35
0.55 YES						
L0004571	0	0.89773E-04	474293.5 3755822	.4 499.2	0.59	5.35
0.55 YES						
L0004572	0	0.89773E-04	474282.2 3755824	.8 499.2	0.59	5.35
0.55 YES						
L0004573	0	0.89773E-04	474270.9 3755827	.1 499.1	0.59	5.35
0.55 YES	U	0.03//3L-04	4/42/0.5 5/5502/	.1 400.1	0.55	2.22
	•	0 007725 04	474250 7 2755020	F 400 0	0 50	F 2F
L0004574	0	0.89773E-04	474259.7 3755829	.5 499.0	0.59	5.35
0.55 YES						
L0004575	0	0.89773E-04	474248.4 3755831	.9 499.0	0.59	5.35
0.55 YES						
L0004576	0	0.89773E-04	474237.2 3755834	.3 498.9	0.59	5.35
0.55 YES	•					
L0004577	0	0.89773E-04	474225.9 3755836	.6 498.8	0.59	5.35
	Ø	0.09//3E-04	4/4223.9 3/33636	.0 490.0	0.59	5.55
0.55 YES	_					
L0004578	0	0.89773E-04	474214.7 3755839	.0 498.8	0.59	5.35
0.55 YES						
L0004579	0	0.89773E-04	474203.4 3755841	.4 498.6	0.59	5.35
0.55 YES						
L0004580	0	0.89773E-04	474192.2 3755843	.7 498.3	0.59	5.35
0.55 YES	Ū	0.007,732 0.	., .13202 3,330.3	., .,	0.33	3.33
	α	0 007725 04	474190 0 2755946	a 400 1	0 50	E 2E
L0004581	0	0.89773E-04	474180.9 3755846	.0 498.1	0.59	5.35
0.55 YES	_					
L0004582	0	0.89773E-04	474169.6 3755848	.4 497.9	0.59	5.35
0.55 YES						
L0004583	0	0.89773E-04	474158.4 3755850	.7 497.7	0.59	5.35
0.55 YES						
L0004584	0	0.89773F-04	474147.1 3755853	.1 497.5	0.59	5.35
0.55 YES	Ū	0.007,732 0.	., .1., 11	,,,,	0.33	3.33
	α	0 007725 04	474125 0 2755955	.4 497.3	0.59	5.35
L0004585	0	0.09//3E-04	474135.9 3755855	.4 497.3	0.59	5.55
0.55 YES	_					
L0004586	0	0.89773E-04	474124.6 3755857	.7 497.1	0.59	5.35
0.55 YES						
L0004587	0	0.89773E-04	474113.4 3755860	.1 496.9	0.59	5.35
0.55 YES						
L0004588	0	0.89773F-04	474102.1 3755862	.4 496.7	0.59	5.35
0.55 YES	•		3,33002		2.22	2.33
	α	0 007725 04	474000 0 2755064	0 406 5	0 50	E 2E
L0004589	0	U.03//3E-U4	474090.8 3755864	.0 490.3	0.59	5.35
0.55 YES	_					
L0004590	0	0.89773E-04	474079.6 3755867	.1 496.3	0.59	5.35
0.55 YES						
★ *** AERMOD -	VERSIC	ON 21112 ***	*** 2027 OPERAT	IONS - AUTO	TOG	

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:01:18

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## \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

## \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE S7 SOURCE	PART.	(GRAMS/SEC)					
ID	CATS.	VAILL	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID (METERS)		BY	,	,	` ,	,	,
L0004591	0	0.89773E-04	474068.3	3755869.4	496.1	0.59	5.35
0.55 YES							
L0004592	0	0.89773E-04	474057.1	3755871.8	495.8	0.59	5.35
0.55 YES							
L0004593	0	0.89773E-04	474045.8	3755874.1	495.6	0.59	5.35
0.55 YES	_						
L0004594	0	0.89773E-04	474034.5	3755876.5	495.4	0.59	5.35
0.55 YES	0	0 007735 04	474022 2	2755070 0	495.2	0.50	F 2F
L0004595 0.55 YES	0	0.89773E-04	4/4023.3	3/558/8.8	495.2	0.59	5.35
L0004596	0	0.89773E-04	474012 A	2755001 1	495.0	0.59	5.35
0.55 YES	Ø	0.09//3E-04	4/4012.0	3/33001.1	495.0	0.59	5.33
L0004597	0	0.89773E-04	171000 8	2755002 5	494.8	0.59	5.35
0.55 YES	U	0.83773L-04	474000.8	3/33863.3	434.0	0.55	0.00
L0004598	0	0.89773E-04	<i>4</i> 73989 5	3755885 8	494.6	0.59	5.35
0.55 YES	J	0.037732 04	473303.3	3733003.0	454.0	0.33	3.33
L0004599	0	0.89773E-04	473978.2	3755888.2	494.4	0.59	5.35
0.55 YES	-						
L0004600	0	0.89773E-04	473967.0	3755890.5	494.2	0.59	5.35
0.55 YES							
L0004601	0	0.89773E-04	473955.7	3755892.8	494.0	0.59	5.35
0.55 YES							
L0004602	0	0.89773E-04	473944.5	3755895.2	493.8	0.59	5.35
0.55 YES							
L0004603	0	0.89773E-04	473933.2	3755897.5	493.6	0.59	5.35
0.55 YES							
L0004604	0	0.89773E-04	473921.9	3755899.9	493.3	0.59	5.35
0.55 YES							
L0004605	0	0.89773E-04	473910.7	3755902.2	493.1	0.59	5.35
0.55 YES	_		4=0000	.=======	400.0		
L0004606	0	0.89773E-04	473899.4	3755904.5	492.9	0.59	5.35
0.55 YES							

L0004607 0.55 YES	0	0.89773E-04	473888.2 3755906.9	492.7	0.59	5.35
L0004608	0	0.89773E-04	473876.9 3755909.2	492.5	0.59	5.35
0.55 YES L0004609	0	0.89773E-04	473865.6 3755911.6	492.3	0.59	5.35
0.55 YES						
L0004610	0	0.89773E-04	473854.4 3755913.9	492.1	0.59	5.35
0.55 YES L0004611	0	0.89773E-04	473843.1 3755916.2	491.9	0.59	5.35
0.55 YES	O	0.057756 04	473043.1 3733310.2	701.0	0.55	J <b>.</b> JJ
L0004612	0	0.89773E-04	473831.9 3755918.6	491.7	0.59	5.35
0.55 YES	_					
L0004613	0	0.89773E-04	473820.6 3755920.9	491.5	0.59	5.35
0.55 YES L0004614	0	0.89773E-04	473809.3 3755923.3	491.3	0.59	5.35
0.55 YES	U	0.83773L-04	4/3009.3 3/33923.3	491.3	0.33	رد.د
L0004615	0	0.89773E-04	473798.1 3755925.6	491.1	0.59	5.35
0.55 YES						
L0004616	0	0.89773E-04	473786.8 3755927.9	490.8	0.59	5.35
0.55 YES						
L0004617	0	0.89773E-04	473775.6 3755930.3	490.6	0.59	5.35
0.55 YES	•	0 007735 04	472764 2 2755022 6	400 4	0.50	F 2F
L0004618	0	0.89773E-04	473764.3 3755932.6	490.4	0.59	5.35
0.55 YES L0004619	0	0.89773E-04	473753.1 3755935.0	490.2	0.59	5.35
0.55 YES	U	0.83773L-04	4/3/33.1 3/3333.0	450.2	0.33	رد.د
L0004620	0	0.89773E-04	473741.8 3755937.3	490.0	0.59	5.35
0.55 YES						
L0004621	0	0.89773E-04	473730.5 3755939.6	489.8	0.59	5.35
0.55 YES						
L0004622	0	0.89773E-04	473719.3 3755942.0	489.6	0.59	5.35
0.55 YES L0004623	0	0.89773E-04	473708.0 3755944.3	489.4	0.59	5.35
0.55 YES	Ø	0.09//36-04	4/3/00.0 3/33944.3	409.4	0.59	5.33
L0004624	0	0.89773E-04	473696.8 3755946.7	489.2	0.59	5.35
0.55 YES	_					
L0004625	0	0.89773E-04	473685.5 3755949.0	489.0	0.59	5.35
0.55 YES						
L0004626	0	0.89773E-04	473674.2 3755951.3	488.8	0.59	5.35
0.55 YES	•	0 007735 04	473663 0 3755053 7	400.6	0.50	F 25
L0004627	0	0.89//3E-04	473663.0 3755953.7	488.6	0.59	5.35
0.55 YES L0004628	0	0 89773F_0/	473651.7 3755956.0	488.3	0.59	5.35
0.55 YES	0	0.05//56-04	4/3031./ 3/3330.0	400.5	0.55	٥.55
L0004629	0	0.89773E-04	473640.5 3755958.4	488.1	0.59	5.35
0.55 YES						
L0004630	0	0.89773E-04	473629.2 3755960.7	487.9	0.59	5.35
0.55 YES						
↑ *** AERMOD	- VERSI			IS - AUTO T	OG	
		***	04/06/22			

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\* 13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
		(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE			/METEDC\	/METEDC\	(METERC)	(METERC)	(METERS)
(METERS)	CAIS.	RV	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004631	0	0 807735 04	472617 0	2755062 0	407 7	0 50	5.35
0.55 YES	О	0.89773E-04	4/301/.9	3/33963.0	467.7	0.59	5.35
L0004632	0	0.89773E-04	473606.7	3755965.4	487.5	0.59	5.35
0.55 YES							
L0004633 0.55 YES	0	0.89773E-04	473595.4	3755967.7	487.3	0.59	5.35
L0004634	0	0.89773E-04	473584.2	3755970.1	487.1	0.59	5.35
0.55 YES	-						
L0004635	0	0.89773E-04	473572.9	3755972.4	486.9	0.59	5.35
0.55 YES	_						
L0004636 0.55 YES	0	0.89773E-04	4/3561.6	3/559/4./	486.7	0.59	5.35
L0004637	0	0.89773E-04	473550.4	3755977.1	486.5	0.59	5.35
0.55 YES	-						
	0	0.89773E-04	473539.1	3755979.4	486.3	0.59	5.35
0.55 YES		0 007725 04	472527 0	2755004 0	106.1	0 50	5 25
L0004639 0.55 YES	0	0.89//3E-04	4/352/.9	3/55981.8	486.1	0.59	5.35
↑ *** AERMOD -	VERSIO	N 21112 *** ***			NS - AUTO	TOG	
*** AERMET -	VERSION	16216 ***	***				
		***	13:01:18				
		,	PAGE 16				
			AUL 10		_		

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID SOURCE IDs

RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* MODELOPTs:

ALL L0004116	L0004111 , L0004117	, L0004112 , L0004118	, L0004113	, L0004114	, L0004115	J
L0004124	L0004119 , L0004125	, L0004120 , L0004126	, L0004121 ,	, L0004122	, L0004123	J
L0004132	L0004127 , L0004133	, L0004128 , L0004134	, L0004129 ,	, L0004130	, L0004131	J
L0004140	L0004135 , L0004141	, L0004136 , L0004142	, L0004137	, L0004138	, L0004139	,
L0004148	L0004143 , L0004149	, L0004144 , L0004150	, L0004145	, L0004146	, L0004147	J
L0004156	L0004151 , L0004157	, L0004152 , L0004158	, L0004153	, L0004154	, L0004155	,
L0004164	L0004159 , L0004165	, L0004160 , L0004166	, L0004161	, L0004162	, L0004163	,
L0004172	L0004167 , L0004173	, L0004168 , L0004174	, L0004169	, L0004170	, L0004171	,
L0004180	L0004175 , L0004181	, L0004176 , L0004182	, L0004177 ,	, L0004178	, L0004179	,
L0004188	L0004183 , L0004189	, L0004184 , L0004190	, L0004185	, L0004186	, L0004187	,
L0004196	L0004191 , L0004197	, L0004192 , L0004198	, L0004193	, L0004194	, L0004195	,
L0004204	L0004199 , L0004205	, L0004200 , L0004206	, L0004201	, L0004202	, L0004203	,
L0004212	L0004207 , L0004213	, L0004208 , L0004214	, L0004209	, L0004210	, L0004211	,
L0004220	L0004215 , L0004221	, L0004216 , L0004222	, L0004217	, L0004218	, L0004219	,
L0004228	L0004223 , L0004229	, L0004224 , L0004230	, L0004225 ,	, L0004226	, L0004227	,
L0004236	L0004231 , L0004237	, L0004232 , L0004238	, L0004233	, L0004234	, L0004235	,
	L0004239	, L0004240	, L0004241	, L0004242	, L0004243	J

L0004244	, L0004245	, L0004246	9			
L0004252	L0004247 , L0004253	, L0004248 , L0004254	, L0004249	, L0004250	, L0004251	y
L0004260		, L0004256 , L0004262	, L0004257	, L0004258	, L0004259	y
↑ *** AERM	, L0004269 OD - VERSION	, L0004264 , L0004270 21112 *** ** *** 02 16216 *** *** *** 13:6	, ** 2027 OPERA <sup>1</sup> 4/06/22 *			,
*** MODELO	OPTs: RegD	PAGE FAULT CONC EI	E 17 LEV URBAN AD	)J_U*		
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L0004308	L0004303 , L0004309	, L0004304 , L0004310	, L0004305	, L0004306	, L0004307	,
L0004316	L0004311 , L0004317	, L0004312 , L0004318	, L0004313	, L0004314	, L0004315	,
L0004324	L0004319 , L0004325	, L0004320 , L0004326	, L0004321	, L0004322	, L0004323	y
L0004332	L0004327 , L0004333	, L0004328 , L0004334	, L0004329	, L0004330	, L0004331	,
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★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                                ***
                                13:01:18
                                PAGE 18
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                        *** SOURCE IDS DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                      SOURCE IDS
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L0004524	L0004519 , L0004525	, L0004520 , L0004526	, L0004521	, L0004522	, L0004523	,
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                               04/06/22
                             ***
 *** AERMET - VERSION 16216 ***
                              13:01:18
                              PAGE 19
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                      *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                    SOURCE IDs
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★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                               04/06/22
                    16216 *** ***
*** AERMET - VERSION
                              13:01:18
                              PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
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	, L0004269 NOD - VERSION	, L0004264 , L0004270 21112 *** ** *** 02 16216 *** *** *** 13:6	, ** 2027 OPERA 1/06/22	-	•	J

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINED AS URBAN SOURCES

URBAN ID URBAN POF				SOURCE IDs		
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L0004292	L0004287 , L0004293	, L0004288 , L0004294	, L0004289	, L0004290 , L0004291	,	
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↑ *** AERMOD - VERSION 21112 ***
                                   *** 2027 OPERATIONS - AUTO TOG
                                  04/06/22
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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L0004580	L0004575 , L0004581	, L0004576 , L0004582	, L0004577	, L0004578	, L0004579	,
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			91:18 = 23			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP			SOURCE IDS			
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L0004620	L0004615 , L0004621	, L0004616 , L0004622	, L0004617	, L0004618 , L0004619	,		
L0004628	L0004623 , L0004629	, L0004624 , L0004630	, L0004625	, L0004626 , L0004627	J		
	L0004631	, L0004632	, L0004633	, L0004634 , L0004635	,		

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L0004639
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                      ***
                               04/06/22
*** AERMET - VERSION
                    16216 ***
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                              13:01:18
                              PAGE 24
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                     *** X-COORDINATES OF GRID ***
                                              (METERS)
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474796.0,
                                     *** Y-COORDINATES OF GRID ***
                                              (METERS)
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♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                              13:01:18
                              PAGE 25
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
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                                                   474736.04
                                                               474751.04
474766.04 474781.04 474796.04
                   497.50
                                          497.30
                                                     497.10
 3755633.62
                               497.60
                                                                 497.00
                   496.60
 497.00
            497.00
 3755618.62
                   496.90
                               497.10
                                          497.10 497.00 496.90
           497.10 495.90
                   496.70
 3755603.62
                               497.00
                                          497.00
                                                      497.00
                                                                 497.00
```

L0004636 , L0004637 , L0004638 ,

497.20 497.10 495.46 3755588.62   496.60 497.30 497.10 495.16 3755573.62   496.40 497.20 496.90 494.76  ★ *** AERMOD - VERSION 21112 ***  ***  ***  ***  ***  ***  ***	496.90 496.70  *** 2027 OF 04/06/22  *** 13:01:18	496.80	497.00	
*** MODELOPTs: RegDFAULT CONC		ADJ_U* D: UCART1 ;	NETWORK TYP	E: GRIDCART
***				
		* HILL HEIGH	T SCALES IN M	ETERS *
Y-COORD   (METERS)   474691.04 47 474766.04 474781.04 474796.0		4721.04 47	X-COORD (ME <sup>2</sup> 4736.04 47	
3755633.62   789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755618.62   789.90 789.90 789.90 789.90	)		789.90	789.90
3755603.62   789.90 789.90 789.90 789.90	)		789.90	789.90
3755588.62   789.90 789.90 789.90 789.90	)		789.90	
3755573.62   789.90 789.90 789.90 789.90	)			789.90
*** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***	04/06/22	PERATIONS - AU	TO TOG	
*** MODELOPTs: RegDFAULT CONC	PAGE 27 C ELEV URBAN	ADJ_U*		
	*** GRI	DDED RECEPTOR	NETWORK SUMM	ARY ***
***	*** NETWORK I	D: UCART2 ;	NETWORK TYP	E: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

474790.5, 474805.5, 474820.5, 474835.5, 474850.5, 474865.5, 474880.5, 474895.5,

\*\*\* V COOPDINATES OF GRID \*\*\*

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755561.1, 3755576.1, 3755591.1, 3755606.1,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD	(METERS)
(METERS)	474790.51	474805.51	474820.51	474835.51	474850.51
474865.51 474	4880.51 47489	95.51			
3755606.07	496.10	494.50	493.70	493.20	493.20

3755606.07	496.10	494.50	493.70	493.20	493.20
493.30	493.40 493.6	50			
3755591.07	495.90	494.00	493.30	492.90	492.90
492.90	492.90 492.7	70			
3755576.07	495.60	493.50	493.00	492.60	492.70
492.70	492.60 492.1	LØ			
3755561.07	495.20	493.10	492.70	492.40	492.50
492.50	492.40 492.1	LØ			

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

PAGE 29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 474790.51 474805.51 474820.51 474835.51 474850.51 474865.51 474880.51 474895.51

3755606.07   789.90 789.90 789.90 7		789.90	789.90	789.90
3755591.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
3755576.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
3755561.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216	*** *** 2027 ( 04/06/22	OPERATIONS -	AUTO TOG	
*** MODELOPTs: RegDFAULT	PAGE 30 CONC ELEV URBA	N ADJ_U*		
	*** GF	RIDDED RECEPT	OR NETWORK SU	MMARY ***
***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
	***	X-COORDINATE: (METER:		
474800.9, 474815.9,				
	***	Y-COORDINATE: (METER:		
3755608.3, 3755623.3,	*** *** 2027 (	DEDATIONS	AUTO TOC	
*** AERMOD - VERSION 21112  ***	04/06/22	JPERATIONS -	AUTO TOG	
*** AERMET - VERSION 16216 ***	*** *** 13:01:18			
*** MODELOPTs: RegDFAULT	PAGE 31 CONC ELEV URBA	AN ADJ_U*		
***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
		* ELEVATION	N HEIGHTS IN	METERS *
Y-COORD   (METERS)   474800.90	474815.90		X-COORD (	METERS)

------

```
3755623.35 | 495.80 495.20
 3755608.35
                   495.00
                               494.00
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               13:01:18
                               PAGE 32
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                               *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART
***
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                474800.90 474815.90
 3755623.35
                   789.90
                                789.90
 3755608.35
                   789.90
                               789.90
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                     ***
                               13:01:18
                               PAGE 33
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                       *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                              13:01:18
```

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*** MODELOPTs: RegDFAULT	PAGE 34 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD   (METERS)   474820.81	X-COORD (METERS) 474835.81
3755622.54   495.00 3755607.54   493.70 ★ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 *  ***	04/06/22
*** MODELOPTs: RegDFAULT	PAGE 35 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* UTIL HETCHT COALEC TH METERS *
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   474820.81	X-COORD (METERS)
•	X-COORD (METERS)
(METERS)   474820.81 	X-COORD (METERS) 474835.81 789.90 789.90 789.90 *** *** 2027 OPERATIONS - AUTO TOG 04/06/22
(METERS)   474820.81 	X-COORD (METERS)  474835.81   789.90  789.90  *** *** 2027 OPERATIONS - AUTO TOG  04/06/22  *** ***
(METERS)   474820.81 	X-COORD (METERS)  474835.81   789.90  789.90  789.90  *** *** 2027 OPERATIONS - AUTO TOG  04/06/22  ** ***  13:01:18  PAGE 36
(METERS)   474820.81 	X-COORD (METERS)  474835.81  789.90 789.90 *** *** 2027 OPERATIONS - AUTO TOG 04/06/22  ** *** 13:01:18  PAGE 36 CONC ELEV URBAN ADJ_U*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755600.4, 3755615.4, ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 13:01:18 PAGE 37 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474838.93 474853.93 3755615.41 493.60 493.60 3755600.41 493.10 493.10 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:01:18 PAGE 38 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) | 474838.93 474853.93 3755615.41 789.90 789.90 789.90 3755600.41 789.90 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG 04/06/22

\*\*\* 13:01:18

PAGE 39

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

474857.7, 474872.7,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755596.5, 3755611.5,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

PAGE 40

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD X-COORD (METERS)

(METERS) | 474857.73 474872.73

3755611.53 | 493.30 493.50

3755596.53 493.00 493.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

PAGE 41

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

#### \* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) | 474857.73 474872.73

-----

 3755611.53 |
 789.90
 789.90

 3755596.53 |
 789.90
 789.90

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

PAGE 42

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755313.7, 3755333.7,

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD | X-COORD (METERS) | 475108.79 475128.79 475148.79 475168.79

					- 		
3755333.70 l		493.70	492.86	)	492.30	492.40	492.80
403 30	400 70	404 70		406 00			
3755313.70		493.20	492.46	)	492.00	492.00	492.40
492 80	493 10	493 60	)	494 40			
3755293.70 l	133.10	492.90	492.20	7	491.80	491.70	492.00
492.40	492.60	492.90	)	493.40	132.00	132.70	132.00
3755273 70 l	452.00	492 90	492 16	722.70 }	491.60	491 50	491 70
192 00	192 30	492.60	72.10	, 102 10	451.00	431.50	431.70
3755253 70 l	772.30	492 60	192 AG	) 	491.60	191 10	491 50
		492.60				471.40	401.00
3755233 70 l	472.20	402.00	, 101 00	475.20	491.60	191 10	191 10
		492.70				471.40	471.40
2755212 70	472.20	402 00	, , 101 00	422.20	491.70	101 60	101 EQ
404 00	400 00	400 00		400 40			
2755102 70	432.20	492.00	, , 402 80	433.40	492.00	401 00	101 70
404 00	400 00	400 00		402 20			
491.00	492.30	492.00	, , 402 10	493.30	492.10	402.00	401 70
						492.00	491.70
		492.70				402.00	401 70
					492.10	492.00	491.70
↑ *** AERMOD -	492.20	492.50	) ***	492.90	EDATIONS AL	ITO TOC	
↑ ↑↑↑ AERMUD -	- VEKSTO	N 21112 ***	04/04	2027 OP	EKATIONS - AU	110 10G	
YYY AFDAAFT	VEDCTON	16246 444	04/00	0/22			
*** AERMET -	VERSION						
		***	13:01:1	L8			
			5465				
deduk MODELODE	_	55447					
*** MODELOPTS	: Re	gDFAULI CONC	ELEV	URBAN	ADJ_U*		
de de de			*** NET	TWORK II	D: UCART7 ;	NETWORK TY	PE: GRIDCART
***							
					* ELEVATION	HEIGHTS IN MI	ETERS *
Y-COORD						X-COORD (MI	ETERS)
(METERS)	475	5288.79					
3755333.70		496.60					
3755313.70		494.90					
3755293.70		494.00					
3755273.70		493.80					
3755253.70		493.90					
3755233.70		493.90					
3755213.70		493.90					
3755193.70		493.70					

475208.79 475228.79 475248.79 475268.79

3755173.70 | 493.50 3755153.70 | 493.40

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD	1				X-COORD	(METERS)
(METERS)	475108	.79 475128	.79 4751	L <b>48.7</b> 9	475168.79	475188.79
475208.79	475228.79	475248.79	475268.79			

3755333.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755313.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755293.70		789.90	789.90	789.90	789.90	789.90
			789.90			
3755273.70		789.90	789.90	789.90	789.90	789.90
			789.90			
3755253.70		789.90	789.90	789.90	789.90	789.90
			789.90			
3755233.70		789.90	789.90	789.90	789.90	789.90
			789.90			
3755213.70		789.90	789.90	789.90	789.90	789.90
			789.90			
3755193.70		789.90	789.90	789.90	789.90	789.90
			789.90			
3755173.70		789.90	789.90	789.90	789.90	789.90
			789.90			
					789.90	789.90
789.90	789.90	789.90	789.90			

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

### \* HILL HEIGHT SCALES IN METERS \*

Y-COORD   (METERS)	475288.79	X-COORD (METERS)
3755333.70	789.90	
3755313.70	789.90	
3755293.70	789.90	
	789.90	
	789.90	
3755233.70	789.90	
3755213.70	789.90	
3755193.70	789.90	
3755173.70	789.90	
3755153.70	789.90	
★ *** AERMOD -	VERSION 21112 ***	* *** 2027 OPERATIONS - AUTO TOG
		04/06/22
*** AERMET - \	VERSION 16216 ***	
	***	13:01:18
		DAGE 47
*** MODEL ODT -	D. DEALUT CON	PAGE 47
*** MUDELUPIS	: Regurauli Cur	NC ELEV URBAN ADJ_U*
		*** GRIDDED RECEPTOR NETWORK SUMMARY ***
		THE MIDDED RECEPTOR NETWORK SOMMANT
		*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART
***		HETWORK ID. GOTHER & HETWORK THE GREEK HET
		*** X-COORDINATES OF GRID ***
		(METERS)
475151.6	6 <b>,</b> 475171.6 <b>,</b> 4751	191.6, 475211.6, 475231.6, 475251.6, 475271.6,
	311.6, 475331.6,	
475351.0	6, 475371.6,	
		distribute AV COORDENATES OF CREEK distribute
		*** Y-COORDINATES OF GRID ***
		(METERS)
3755338	3, 3755358.3, 37553	278 3 3755308 3
		* *** 2027 OPERATIONS - AUTO TOG
ALITIOD -	***	04/06/22
*** AERMET - \	VERSION 16216 ***	
	***	13:01:18
		PAGE 48

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD			X-COORD (I	METERS)
(METERS)   475153	1.63 475171.63	475191.63 4	75211.63	475231.63
475251.63 475271.63	475291.63 47531	1.63		
3755398.30   497	7.20 497.00	496.70	496.70	497.40
497.80 497.90				
3755378.30   495	5.90 495.60	495.20	495.30	496.30
497.30 497.80	497.60 497	.40		
3755358.30 494	4.40 494.20	493.80	494.10	495.20
496.40 497.40	497.30 496	.90		
3755338.30 492	2.60 492.70	493.00	493.50	494.00
495.20 496.60	496.90 496	.30		
↑ *** AERMOD - VERSION 2	1112 *** *** 2027	OPERATIONS - A	UTO TOG	
	*** 04/06/22			
*** AERMET - VERSION 16	6216 *** ***			
	** 13:01:18			
	PAGE 49			
*** MODELOPTs: RegDFA	AULT CONC ELEV UR	BAN ADJ U*		

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	475331.63 	475351.63 	475371.63	

3755398.30	497.60	497.70	497.90
3755378.30	497.20	497.20	497.60
3755358.30	496.70	496.80	497.30
3755338.30	496.00	496.30	497.10

★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* AERMEI - VERSION 16216 \*\*\* 13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\* HILL HETGHT SCALES IN METERS \*

	* HIL	L HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475151.63 475251.63 475271.63 4752		X-COORD (METERS) 3 475211.63 475231.63
3755398.30   789.90 789.90 789.90 78		0 789.90 789.90
3755378.30   789.90	789.90 789.9	0 789.90 789.90
789.90 789.90 78 3755358.30   789.90 789.90 789.90 78	789.90 789.9 9.90 789.90	
3755338.30 789.90	789.90 789.9	0 789.90 789.90
*** AERMET - VERSION 16216 *	04/06/22	NS - AUTO TOG
*** MODELOPTs: RegDFAULT	PAGE 51	11.5
Hobeton 13. Regul Adel	_	
***	_	∪* RT8 ; NETWORK TYPE: GRIDCART
_	*** NETWORK ID: UCA	
_	*** NETWORK ID: UCA	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)
*** Y-COORD	*** NETWORK ID: UCA	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)
*** Y-COORD	*** NETWORK ID: UCA  * HIL  475351.63	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)  3
***  Y-COORD   (METERS)   475331.63	*** NETWORK ID: UCA  * HIL  475351.63	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)  3
***  Y-COORD   (METERS)   475331.63	*** NETWORK ID: UCA  * HIL  475351.63	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)  3
***  Y-COORD   (METERS)   475331.63	*** NETWORK ID: UCA  * HIL  475351.63	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)  3
***  Y-COORD   (METERS)   475331.63	*** NETWORK ID: UCA  * HIL  475351.63	RT8 ; NETWORK TYPE: GRIDCART  L HEIGHT SCALES IN METERS *  X-COORD (METERS)  3

<sup>\*\*\*</sup> GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

## \*\*\* X-COORDINATES OF GRID \*\*\* (METERS)

475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755404.0, 3755424.0, 3755444.0,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:01:18

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD |

#### \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

,	•				475245.62	475265.62
475285.62	475305.62	475325.0	52 4753	45.62		
3755444.04	4	496.90	497.10	497.40	497.80	498.10
498.30	498.40	498.50	3 49	8.50		
3755424.04	4	497.00	497.20	497.40	497.80	498.00
498.10	498.10	498.20	9 49	8.20		
3755404.04	4	496.90	496.80	497.20	497.80	497.90
497.80	497.80	497.70	a 49°	7.70		
↑ *** AERMOD	- VERSION	21112 ***	*** 202	7 OPERATIONS	- AUTO TOG	
7.2			04/06/2		7.0.0	
*** AERMET -	VERSTON			<b>-</b>		
ALIMILI -	VERSION	***	13:01:18			
			13.01.10			

PAGE 54

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475365.62	X-COORD (METERS)
*** *** AERMET - VERSION 16216 **	*** *** 2027 OPERATIONS - AUTO TOG
*** MODELOPTs: RegDFAULT C	PAGE 55 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475185.62 475285.62 475305.62 47532	X-COORD (METERS) 475205.62 475225.62 475245.62 475265.62 25.62 475345.62
3755444.04   789.90 789.90 789.90 789	789.90 789.90 789.90 789.90
	789.90 789.90 789.90 789.90
789.90 789.90 789 789.90 789.90 789	789.90 789.90 789.90 789.90
*** AERMOD - VERSION 21112 *  ***  *** AERMET - VERSION 16216 **  ***	*** *** 2027 OPERATIONS - AUTO TOG 04/06/22
*** MODELOPTs: RegDFAULT C	PAGE 56 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD	X-COORD (METERS)

```
(METERS) | 475365.62
                789.90
789.90
 3755444.04
 3755424.04
 3755404.04
                  789.90
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                              13:01:18
                              PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755450.2, 3755470.2, 3755490.2,
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:01:18
                              PAGE 58
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS) |
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
 3755490.18 | 497.30 497.80 498.20 498.60 499.00
 499.10 499.20
```

3755470.18   498.90 49	497.40 8 90	497.80	498.20	498.50	498.80
3755450.18	497.50	497.90	498.20	498.40	498.50
498.60 49 ★ *** AERMOD - VE *** AERMET - VER	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** MODELOPTs:	PogDEAULT CON	PAGE 59	2AN ADJ 11*		
HODELOI 13.	RESULACET CO.		_	• NETLIODY	TVDE. CDIDCARI
***		NETWORK	C ID: UCARTIZ	, NETWORK	TYPE: GRIDCART
			* HILL HE	IGHT SCALES I	N METERS *
Y-COORD   (METERS)   475330.47 4753	475230.47 4 50.47	75250.47	475270.47	X-COORD 475290.47	
3755490.18   789.90 78	789.90 9.90	789.90	789.90	789.90	789.90
3755470.18   789.90 78		789.90	789.90	789.90	789.90
3755450.18   789.90 78		789.90	789.90	789.90	789.90
♠ *** AERMOD - VE	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** AERMET - VER	SION 16216 *** ***	*** 13:01:18			
*** MODELOPTs:	RegDFAULT COM	PAGE 60 IC ELEV URI	BAN ADJ_U*		
		*** (	GRIDDED RECEPT	TOR NETWORK SI	UMMARY ***
***		*** NETWORK	( ID: UCART13	; NETWORK	TYPE: GRIDCART
		***	* X-COORDINATE (METER		*
475254.8,	475274.8, 4752	294.8, 47532	14.8, 475334	.8,	
		***	* Y-COORDINATE	ES OF GRID **	*

(METERS)

```
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG

*** 04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:01:18
                              PAGE 61
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                          * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                      X-COORD (METERS)
   (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84
 3755513.80 498.20 498.70 499.10 499.40
                                                               499.50
                                         498.80
 3755493.80
                  498.00
                             498.40
                                                     499.10
                                                                499.20
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:01:18
                              PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
                                          * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                      X-COORD (METERS)
               475254.84 475274.84 475294.84 475314.84 475334.84
   (METERS)
                  789.90
                                                                 789.90
 3755513.80
                             789.90
                                          789.90
                                                     789.90
 3755493.80 | 789.90
                              789.90
                                          789.90
                                                     789.90
                                                                 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              13:01:18
                              PAGE 63
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
```

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

3755493.8, 3755513.8,

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\* (METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

13:01:18

PAGE 64

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
			 · -		
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	VERSION 21112	*** *** 2027	OPERATIONS	- AUTO TOG	
	***	04/06/22			
*** AERMET -	VERSION 16216	*** ***			
	***	12.01.10			

\*\*\*

13:01:18

PAGE 65

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

<sup>\*</sup> HILL HEIGHT SCALES IN METERS \*

Y-COORD   (METERS)	475293.48 47	75313.48 <i>4</i>	175333.48 		(METERS) 475373.48
			-		
3755332.63	789.90	789.90	789.90	789.90	789.90
3755312.63	789.90	789.90	789.90	789.90	789.90
3755292.63	789.90	789.90	789.90	789.90	789.90
3755272.63	789.90	789.90	789.90	789.90	789.90
3755252.63	789.90	789.90	789.90	789.90	789.90
3755232.63	789.90	789.90	789.90	789.90	789.90
3755212.63	789.90	789.90	789.90	789.90	789.90
↑ *** AERMOD - VE			OPERATIONS -	AUTO TOG	
	***	04/06/22			
*** AERMET - VER		***			
	***	13:01:18			
		PAGE 66			
*** MODELOPTs:	RegDFAULT CONC	C ELEV URBA	AN ADJ_U*		
		و داد	h.h. 145750000		
		**	** METEOROLO	GICAL DAYS SE	ELECTED FOR
PROCESSING ***				/4 VEC	0.10)
				(1=YES;	0=NO)
1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1111 1	111111	111 111
	. 1 1 1 1 1 1 1 . 1 1 1 1 1 1 1 1		1111 1	11111	111 111
	. 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1111 1	111111	111 111
	. 1 1 1 1 1 1 1 1				
	. 1 1 1 1 1 1 1 1	111111	1111 1	111111	111 111
	. 1 1 1 1 1 1 1 1				
	. 1 1 1 1 1 1 1	111111	1111 1	1 1 1 1 1 1	111 111
	. 1 1 1 1 1 1 1 1				
	. 1 1 1 1 1 1 1	111111	1111 1	1 1 1 1 1 1	111 111
	. 1 1 1 1 1 1 1 1				
	. 1 1 1 1 1 1 1	111111	1111 1	1 1 1 1 1 1	111 111
	. 1 1 1 1 1 1 1 1				
	. 1 1 1 1 1 1 1	111111	1111 1	1 1 1 1 1 1	111 111
	. 1 1 1 1 1 1 1 1				
	. 1 1 1 1 1 1 1	11111			

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)

0.61

10.80,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

> \*\*\* 13:01:18

> > PAGE 67

RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs:

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

DATA \*\*\*

Surface file: PERI V9 ADJU\PERI V9.SFC

Met Version: 16216

Profile file: PERI V9 ADJU\PERI V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

> Name: UNKNOWN Name: UNKNOWN

2010 Year: Year: 2010

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

. . . . . . . . . . . . . . . . . . . 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 10 01 01 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 5.5 0.90 142. 9.1 280.9 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 324. 9.1 280.4 5.5 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 294. 9.1 278.8 5.5 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 10 01 01 0.61 0.90 205. 9.1 278.1 1.00 5.5 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 3. 9.1 277.0 5.5 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 10 01 01 0.61 1.30 99. 9.1 277.0 1.00 5.5 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.61 0.54 0.90 319. 9.1 278.8 5.5 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 10 01 01 1 09 0.61 0.90 239. 9.1 284.2 5.5

10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19

```
0.26 0.40 188. 9.1 289.2 5.5
10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19
                                                               0.61
0.23
      2.70 310. 9.1 290.9 5.5
          1 12 97.1 0.281 1.058 0.008 421. 357.
                                                  -19.7 0.19
10 01 01
                                                               0.61
0.22
      2.20 357. 9.1 293.1
                             5.5
10 01 01 1 13 92.2 0.279 1.117 0.008 523.
                                            354. -20.4 0.19
      2.20 356. 9.1 293.8
                              5.5
10 01 01 1 14 77.6 0.275 1.102 0.008 595.
                                            347.
                                                  -23.2 0.19
                                                               0.61
      2.20 50.
                  9.1 294.2
0.23
                              5.5
                54.9 0.230 1.006 0.008 640.
10 01 01
          1 15
                                            266. -19.2 0.19
                                                               0.61
      1.80 53. 9.1 293.8
0.27
                              5.5
          1 16 12.3 0.206 0.613 0.008 648.
                                            225. -61.5 0.19
10 01 01
                                                               0.61
0.36
      1.80 11. 9.1 292.5 5.5
          1 17
10 01 01
               -3.6 0.087 -9.000 -9.000 -999. 71.
                                                  15.6 0.19
                                                               0.61
      0.90 351.
                9.1 290.4
                              5.5
0.64
10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999.
                                                    15.2 0.19
                                             62.
                                                               0.61
      0.90 186. 9.1 287.5
                             5.5
10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62.
                                                    15.2 0.19
                                                               0.61
      0.90 275. 9.1 285.9
1.00
                              5.5
10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39.
                                                    18.1 0.19
                                                               0.61
      0.40 181. 9.1 285.4
                             5.5
10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106.
                                                    21.3 0.19
                                                               0.61
      1.30 318. 9.1 284.9
1.00
                              5.5
          1 22 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
10 01 01
                                                               0.61
      0.90 196. 9.1 283.1
                              5.5
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
                                                               0.61
      0.90 330. 9.1 281.4
1.00
                             5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106.
                                                    21.2 0.19
      1.30 332. 9.1 280.9 5.5
1.00
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01
           9.1 1 335.
                         1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 ***
                   ***
                             13:01:18
                             PAGE 68
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004111 , L0004112
, L0004113
            , L0004114
                       , L0004115
                       , L0004117 , L0004118 , L0004119 , L0004120
              L0004116
```

```
, L0004121 , L0004122 , L0004123
                                  , L0004126 , L0004127 , L0004128
                       , L0004125
             L0004124
                      , L0004131
, L0004129
           , L0004130
                      , L0004133 , L0004134 , L0004135 , L0004136
             L0004132
, L0004137
           , L0004138 , . . .
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
               **
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.52750 0.54201 0.55530 0.56984
                                                            0.58588
0.60364 0.62270 0.64008
 3755618.62 | 0.46564
                           0.47706
                                     0.48829 0.49968
                                                            0.51165
0.52576 0.53973 0.54766
 3755603.62 0.41878 0.42815 0.43705
                                                0.44634
                                                            0.45606
0.46701 0.47737 0.48115
                0.38124 0.38890 0.39615 0.40394
 3755588.62
                                                            0.41207
0.42084 0.42881 0.43075
 3755573.62 | 0.35000 0.35640
                                      0.36263
                                               0.36931
                                                            0.37602
0.38299 0.38925 0.39022
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           13:01:18
                            PAGE 69
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
                           ***
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004111 , L0004112
, L0004113
           , L0004114
                      , L0004115
                                  , L0004118 , L0004119 , L0004120
             L0004116 , L0004117
           , L0004122
                      , L0004123
, L0004121
                      , L0004125 , L0004126 , L0004127 , L0004128
             L0004124
, L0004129
           , L0004130
                      , L0004131
                      , L0004133 , L0004134 , L0004135 , L0004136
             L0004132
. L0004137 , L0004138 , . . .
                            *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
```

Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895.		474820.51	X-COORD (474835.51	
3755606.07   0.48936 0.53952 0.55513 0.5724		0.50156	0.51158	0.52485
3755591.07   0.43761 0.47485 0.48607 0.4969	0.43953	0.44605	0.45407	0.46420
3755576.07   0.39609	0.39688	0.40269	0.40903	0.41742
0.42582 0.43421 0.4413 3755561.07   0.36192	0.36246	0.36747	0.37293	0.37979
0.38660	* *** 2022 04/06/22 ***	7 OPERATIONS - 2	AUTO TOG	
*** MODELOPTs: RegDFAULT CON	PAGE 70 NC ELEV UF	RBAN ADJ_U*		
VALUES FOR SOURCE GROUP: ALL	***		AVERAGE CONCI	
, L0004113 , L0004114 , L00			L0004111	, L0004112
L0004116 , L0		, L0004118	, L0004119	, L0004120
L0004124 , L0	, 9004125	, L0004126	, L0004127	, L0004128
L0004132 , L0	004131 , 0004133 , ,	, L0004134	, L0004135	, L0004136
, 2000/1257			. NETLIONIA	TVDF .
GRIDCART ***	*** NEIWC	JRK ID: UCARI3	; NETWORK	TYPE:
**	** (	CONC OF TOG	IN MICROGRA	AMS/M**3
Y-COORD   (METERS)   474800.90 4	174815.90 		X-COORD (	(METERS)
3755608.35 0.50134		7 OPERATIONS -	· AUTO TOG	

```
16216 ***
*** AERMET - VERSION
                                 13:01:18
                                 PAGE 71
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0004111
                                                                      , L0004112
, L0004113
              , L0004114
                            , L0004115
                                                                      , L0004120
                L0004116
                            , L0004117
                                           , L0004118
                                                       , L0004119
 L0004121
              , L0004122
                           , L0004123
                           , L0004125
                                           , L0004126
                                                        , L0004127
                                                                      , L0004128
                L0004124
              , L0004130
 L0004129
                            , L0004131
                L0004132
                            , L0004133
                                           , L0004134
                                                        , L0004135
                                                                      , L0004136
 L0004137
             , L0004138
                                  *** NETWORK ID: UCART4
                                                          ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  474820.81
                               474835.81
 3755622.54
                    0.58964
                                 0.60645
 3755607.54
                    0.50789
                                 0.51821
↑ *** AERMOD - VERSION 21112
                                   *** 2027 OPERATIONS - AUTO TOG
                                   04/06/22
                      16216 ***
 *** AERMET - VERSION
                                  ***
                       ***
                                 13:01:18
                                 PAGE 72
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0004111
                                                                      , L0004112
, L0004113
              , L0004114
                            , L0004115
                            , L0004117
                                                                      , L0004120
                L0004116
                                           , L0004118
                                                        , L0004119
              , L0004122
                           , L0004123
 L0004121
                            , L0004125
                                           , L0004126
                L0004124
                                                        , L0004127
                                                                      , L0004128
              , L0004130
 L0004129
                           , L0004131
                                           , L0004134
                L0004132
                           , L0004133
                                                        , L0004135
                                                                      , L0004136
             , L0004138
, L0004137
```

04/06/22

```
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
                 **
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474838.93 474853.93
                 0.56134
 3755615.41
                            0.57777
 3755600.41
                  0.49080
                             0.50288
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 ***
                              13:01:18
                              PAGE 73
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0004111
                                                              , L0004112
, L0004113
            , L0004114 , L0004115
                                     , L0004118 , L0004119 , L0004120
                        , L0004117
               L0004116
, L0004121
            , L0004122
                        , L0004123
              L0004124 , L0004125 , L0004126 , L0004127 , L0004128
, L0004129
           , L0004130
                        , L0004131
                        , L0004133
                                     , L0004134 , L0004135 , L0004136
              L0004132
, L0004137 , L0004138
                               *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474857.73 474872.73
 3755611.53
                 0.55903
                              0.57662
 3755596.53
                  0.48993
                              0.50248
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION 16216 *** ***
                    ***
                             13:01:18
```

\*\*\* NETWORK ID: UCART5 ; NETWORK TYPE:

PAGE 74
\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

<b>G</b>	_		
	RIOD ( 43824 HRS) AV	'ERAGE CONCEN	TRATION
VALUES FOR SOURCE GROUP: ALL *** TNCLLIF	ING SOURCE(S): L	0004111	L0004112
, L0004113 , L0004114 , L0004115	•	.000-111	2000-112
L0004116 , L0004117	, L0004118     , L	.0004119 ,	L0004120
, L0004121 , L0004122 , L0004123	, 10004126	0004127	1.0004130
L0004124 , L0004125 , L0004129 , L0004130 , L0004131	, L0004126 , L	.0004127 ,	L0004128
L0004132 , L0004133	, L0004134 , L	.0004135 ,	L0004136
, L0004137 , L0004138 ,		-	
العاديات	ETHORY TO HIGHRIT	NETHORK T	VDE
GRIDCART ***	ETWORK ID: UCART7	; NETWORK T	YPE:
GRIDCARI			
	** CONC OF TOG	IN MICROGRAM	S/M**3
**			
Y-COORD   (METERS)   475108.79 475128.7		X-COORD (M	
475208.79 475228.79 475248.79 4		5108.79 4	/5100./9
3755333.70   0.18570 0.1864		0.18878	0.19031
0.19184 0.19321 0.19493 3755313.70   0.17516 0.1758		<b>Ω</b> 17787	0 17921
0.18049 0.18162 0.18282		0.17707	0.17521
3755293.70   0.16582 0.1664	8 0.16726	0.16817	0.16929
0.17042 0.17136 0.17230			
3755273.70   0.15754 0.1586 0.16138 0.16227 0.16310		0.15950	0.16044
3755253.70   0.14986 0.1504		0.15170	0.15248
0.15332 0.15417 0.15496		0120270	01222.0
3755233.70   0.14286 0.1434		0.14463	0.14528
0.14603		0.43034	0 42070
3755213.70   0.13644 0.1376 0.13946 0.14014 0.14087		0.13824	0.138/8
3755193.70   0.13065 0.1312		0.13239	0.13284
0.13337 0.13403 0.13464	0.13521		
3755173.70   0.12532 0.1258		0.12690	0.12727
0.12779 0.12835 0.12887		0.42470	0 42242
3755153.70   0.12041 0.1208 0.12259 0.12307 0.12351		0.121/8	0.12212
↑ *** AERMOD - VERSION 21112 *** ***		JTO TOG	
*** 04/6			
*** AERMET - VERSION 16216 *** ***			
*** 13:01:	18		

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*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                                     , L0004112
                                                         L0004111
, L0004113
             , L0004114
                           , L0004115
                                          , L0004118
                           , L0004117
                                                       , L0004119
                L0004116
                                                                     , L0004120
 L0004121
             , L0004122
                           , L0004123
                L0004124
                           , L0004125
                                          , L0004126
                                                       , L0004127
                                                                     , L0004128
             , L0004130
                           , L0004131
 L0004129
                L0004132
                           , L0004133
                                          , L0004134
                                                       , L0004135
                                                                     , L0004136
 L0004137
             , L0004138
                                  *** NETWORK ID: UCART7
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                          IN MICROGRAMS/M**3
                  **
   Y-COORD
                                                            X-COORD (METERS)
    (METERS)
                  475288.79
 3755333.70
                    0.19787
  3755313.70 l
                    0.18512
 3755293.70 l
                    0.17425
  3755273.70
                    0.16490
 3755253.70
                    0.15662
 3755233.70
                    0.14904
 3755213.70
                    0.14212
 3755193.70
                    0.13570
 3755173.70
                    0.12980
  3755153.70
                    0.12439
★ *** AERMOD - VERSION 21112 ***
                                   *** 2027 OPERATIONS - AUTO TOG
                                   04/06/22
*** AERMET - VERSION
                      16216 ***
                                  ***
                                 13:01:18
                                 PAGE 76
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0004111
                                                                     , L0004112
             , L0004114
, L0004113
                           , L0004115
                L0004116
                           , L0004117
                                         , L0004118 , L0004119 , L0004120
, L0004121
             , L0004122
                           , L0004123
```

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L0004124 , L0004125 , L0004126 , L0004127 , L0004128
          , L0004130     , L0004131
, L0004129
                       , L0004133 , L0004134 , L0004135 , L0004136
             L0004132
. L0004137 , L0004138 , . . .
                            *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475151.63 475171.63 475191.63 475211.63 475231.63
475251.63 475271.63 475291.63 475311.63
 3755398.30 | 0.23677 0.23881 0.24063 0.24257
                                                            0.24502
0.24701 0.24855 0.24962 0.25059
 3755378.30 | 0.21937 0.22095 0.22234 0.22405
                                                            0.22644
0.22863 0.23023 0.23116 0.23191
 3755358.30 | 0.20409 0.20547 0.20659
                                                0.20822
                                                            0.21042
0.21251 0.21425 0.21511 0.21562
 3755338.30
                0.19043 0.19182
                                      0.19331 0.19488
                                                            0.19636
                      0.20107
0.19825 0.20009
                                0.20138
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                    ***
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:01:18
                            PAGE 77
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004111 , L0004112
           , L0004114
, L0004113
                      , L0004115
             L0004116 , L0004117
                                  , L0004118 , L0004119 , L0004120
           , L0004122 , L0004123
, L0004121
                      , L0004125 , L0004126 , L0004127 , L0004128
             L0004124
, L0004129
           , L0004130
                      , L0004131
             L0004132 , L0004133 , L0004134 , L0004135 , L0004136
, L0004137 , L0004138
                      , . . .
                            *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
```

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Y-COORD
                                                   X-COORD (METERS)
   (METERS)
             475331.63 475351.63 475371.63
 3755398.30
               0.25145 0.25222 0.25289
 3755378.30
                 0.23250
                            0.23309
                                     0.23384
 3755358.30
                 0.21613
                            0.21672
                                      0.21746
 3755338.30
                0.20175
                            0.20241
                                      0.20326
↑ *** AERMOD - VERSION 21112
                         *** *** 2027 OPERATIONS - AUTO TOG
                            04/06/22
 *** AERMET - VERSION 16216 *** ***
                   ***
                            13:01:18
                            PAGE 78
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004111 , L0004112
                      , L0004115
, L0004113
           , L0004114
                      , L0004117 , L0004118 , L0004119 , L0004120
             L0004116
, L0004121
           , L0004122 , L0004123
             L0004124 , L0004125 , L0004126 , L0004127 , L0004128
, L0004129
          , L0004130        , L0004131
             L0004132
                       , L0004133 , L0004134 , L0004135 , L0004136
, L0004137     , L0004138     ,    .   .
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.29081 0.29422 0.29753 0.30071
                                                            0.30344
3755424.04 | 0.26635 0.26912 0.27170 0.27429
                                                            0.27641
           0.27955 0.28079 0.28167
                                                0.25222
 3755404.04 0.24555 0.24755 0.24989
                                                            0.25389
           0.25635 0.25722 0.25798
0.25518
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:01:18
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PAGE 79
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                       , L0004112
                                                           L0004111
, L0004113
              , L0004114
                            , L0004115
                                           , L0004118
                 L0004116
                            , L0004117
                                                        , L0004119
                                                                       , L0004120
 L0004121
              , L0004122
                            , L0004123
                L0004124
                            , L0004125
                                           , L0004126
                                                         , L0004127
                                                                       , L0004128
              , L0004130
                            , L0004131
 L0004129
                 L0004132
                            , L0004133
                                           , L0004134
                                                         , L0004135
                                                                       , L0004136
 L0004137
              , L0004138
                                   *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
                   **
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475365.62
  3755444.04
                    0.31077
  3755424.04
                     0.28243
  3755404.04
                     0.25874
                                   *** 2027 OPERATIONS - AUTO TOG
★ *** AERMOD - VERSION 21112
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                  13:01:18
                                  PAGE 80
                   RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                          L0004111
                                                                       , L0004112
, L0004113
              , L0004114
                            , L0004115
                                           , L0004118
                 L0004116
                            , L0004117
                                                        , L0004119
                                                                       , L0004120
              , L0004122
 L0004121
                            , L0004123
                            , L0004125
                L0004124
                                           , L0004126
                                                        , L0004127
                                                                       , L0004128
 L0004129
                           , L0004131
              , L0004130
                            , L0004133
                                           , L0004134
                 L0004132
                                                         , L0004135
                                                                       , L0004136
 L0004137
              , L0004138
                           , . . .
                                   *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
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	**	CONC	ΩF	TOG	TN	MICRO	GRAMS	/M**3
--	----	------	----	-----	----	-------	-------	-------

Y-COORD   (METERS)   475330.47 4	475230.47 75350.47	475250.47	475270.47		(METERS) 475310.47
3755490.18   0.40417	0.38330 0.40586	0.38905	0.39395	0.39824	0.40187
3755470.18	0.34098	0.34518	0.34894	0.35205	0.35468
0.35650		0.04040	0.24254		0.04=4=
3755450.18   0.31916	0.30737	0.31069	0.31351	0.31584	0.31767
	0.32018 VERSION 21112 '	*** *** 202	7 OPERATIONS	- AUTO TOG	
7 ALIGO		04/06/2		7,010 100	
*** AERMET - '	VERSION 16216 **				
	***	13:01:18			
*** MODELOPTs	: RegDFAULT (	PAGE 81 CONC ELEV U	RBAN ADJ_U*		
	k	*** THE PERIO	D ( 43824 HRS)	) AVERAGE CONC	CENTRATION
VALUES FOR SOU		***		•	
			SOURCE(S):	L0004111	, L0004112
, L0004113	, L0004114 , L	-		, L0004119	1 0004120
, L0004121	L0004116 , , L0004122 , L		, 10004116	, 10004119	, L0004120
, 1000 1111	L0004124 ,			, L0004127	, L0004128
, L0004129	, L0004130     , l				-
	L0004132 ,	L0004133	, L0004134	, L0004135	, L0004136
, L0004137	, L0004138 ,	,			
		*** NFTW	ORK ID: UCART1	13 : NETWORK	( TYPF·
GRIDCART ***		142.14	onn ib. ochuri	is , nermon	
	ab ab	**	CONC OF TOG	IN MICROGF	RAMS/M**3
	**				
Y-COORD				X-COORD	(METERS)
(METERS)	475254.84	475274.84	475294.84	475314.84	475334.84
3755513.80	0.46197	0.46925	0.47523	0 17986	0.48280
3755493.80	0.39978	0.40480	0.40915	0.41257	0.41483
•			7 OPERATIONS		
	***	04/06/2	2		

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13:01:18
                                 PAGE 82
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0004111
                                                                       , L0004112
, L0004113
              , L0004114
                            , L0004115
                           , L0004117
                                           , L0004118
                L0004116
                                                        , L0004119
                                                                       , L0004120
              , L0004122
 L0004121
                            , L0004123
                           , L0004125
                                          , L0004126
                                                        , L0004127
                                                                       , L0004128
                L0004124
                           , L0004131
              , L0004130
 L0004129
                L0004132
                           , L0004133
                                           , L0004134
                                                        , L0004135
                                                                      , L0004136
, L0004137
              , L0004138
                                  *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475293.48
                               475313.48
                                            475333.48
                                                         475353.48
                                                                      475373.48
  3755332.63 l
                    0.19731
                                 0.19765
                                              0.19805
                                                           0.19881
                                                                        0.19962
 3755312.63
                    0.18469
                                 0.18532
                                              0.18604
                                                           0.18683
                                                                        0.18765
 3755292.63
                                 0.17471
                                              0.17552
                                                           0.17627
                                                                        0.17690
                    0.17392
 3755272.63
                    0.16466
                                 0.16546
                                              0.16618
                                                           0.16684
                                                                        0.16732
                                                           0.15821
 3755252.63
                    0.15639
                                 0.15706
                                              0.15770
                                                                        0.15861
 3755232.63 l
                    0.14883
                                 0.14943
                                              0.14992
                                                           0.15035
                                                                        0.15068
 3755212.63
                                 0.14239
                                              0.14280
                                                                        0.14349
                    0.14188
                                                           0.14316
↑ *** AERMOD - VERSION 21112
                                  *** 2027 OPERATIONS - AUTO TOG
                                  04/06/22
                                  ***
*** AERMET - VERSION
                      16216 ***
                                 13:01:18
                                 PAGE 83
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0004111
                                                                       , L0004112
                            , L0004115
, L0004113
              , L0004114
                                          , L0004118
                           , L0004117
                                                       , L0004119
                L0004116
                                                                       , L0004120
, L0004121
              , L0004122
                           , L0004123
                                         , L0004126
                                                        , L0004127
                                                                      , L0004128
                L0004124
                            , L0004125
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\*\*\* AERMET - VERSION 16216 \*\*\*

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, L0004129
           , L0004130      , L0004131
                                     , L0004134 , L0004135 , L0004136
               L0004132
                         , L0004133
 L0004137
            , L0004138
                               *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG
                                                     IN MICROGRAMS/M**3
                 **
 Y-COORD
                                                       X-COORD (METERS)
  (METERS) | 474691.04
                                     474706.04
                                                            474721.04
     474736.04
                          474751.04
                1.28572 (11091107) 1.33774 (11091107)
 3755633.6
                                                         1.39147 (11091107)
    1.44826 (11091107)
                          1.50889 (11091107)
 3755618.6
                1.07608 (11091107)
                                     1.11488 (11091107) 1.15568 (11091107)
    1.19856 (11091107)
                          1.24374 (11091107)
                0.91825 (11091107)
                                     0.94808 (11091107)
                                                         0.97950 (11091107)
    1.01252 (11091107)
                          1.04726 (11091107)
                0.83251 (16062006)
                                     0.84852 (16062006)
                                                         0.86417 (16062006)
    0.88078 (16062006)
                         0.89806 (16062006)
                                     0.77965 (16062006) 0.79301 (16062006)
 3755573.6
                0.76623 (16062006)
    ♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
                              ***
 *** AERMET - VERSION
                    16216 ***
                              13:01:18
                              PAGE 84
                 RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                                                               , L0004112
                              INCLUDING SOURCE(S): L0004111
            , L0004114
                         , L0004115
, L0004113
                         , L0004117
                                      , L0004118 , L0004119
               L0004116
                                                               , L0004120
            , L0004122
 L0004121
                        , L0004123
                        , L0004125
                                    , L0004126
                                                  , L0004127
               L0004124
                                                              , L0004128
 L0004129
            , L0004130
                         , L0004131
                        , L0004133
                                     , L0004134       , L0004135
               L0004132
                                                               , L0004136
, L0004137
            , L0004138
                               *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG IN MICROGRAMS/M**3
```

```
Y-COORD
                                                         X-COORD (METERS)
                                                              474796.04
               474766.04
                                      474781.04
  (METERS)
                3755633.6 l
                                                             1.71233 (11091107)
                                                            1.38880 (11091107)
3755618.6
3755603.6
                                                            1.15703 (11091107)

      0.92531 (11091107)
      0.95525 (11091107)

      0.83629 (16062006)
      0.85038 (16062006)

                                                            0.98359 (11091107)
3755588.6
3755573.6
                                                             0.85706 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               13:01:18
                               PAGE 85
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0004111
                                                                  . L0004112
                          , L0004115
, L0004113
             , L0004114
               L0004116 , L0004117
                                       , L0004118        , L0004119
                                                                  , L0004120
            , L0004122
, L0004121
                         , L0004123
                         , L0004125
                                      , L0004126 , L0004127
               L0004124
                                                                 , L0004128
 L0004129
             , L0004130
                         , L0004131
                                     , L0004134      , L0004135
               L0004132
                         , L0004133
                                                                  , L0004136
            , L0004138
 L0004137
                                *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                         X-COORD (METERS)
  (METERS) |
                 474790.51
                                       474805.51
                                                              474820.51
     474835.51
                          474850.51
3755606.1 |
                1.17771 (11091107) 1.21099 (11091107) 1.24791 (11091107)
                          1.33533 (11091107)
    1.28800 (11091107)
                                       1.02557 (11091107)
3755591.1
                0.99863 (11091107)
                                                           1.05565 (11091107)
                          1.12417 (11091107)
    1.08794 (11091107)
                                      0.88279 (11091107) 0.90779 (11091107)
3755576.1
                0.86778 (16062006)
    0.93373 (11091107)
                          0.96263 (11091107)
                0.79518 (16062006) 0.80012 (16062006) 0.81174 (16062006)
3755561.1
    0.82411 (16062006) 0.83889 (16062006)
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↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                                  04/06/22
 *** AERMET - VERSION
                      16216 ***
                                13:01:18
                                PAGE 86
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                INCLUDING SOURCE(S): L0004111
                                                                    , L0004112
, L0004113
             , L0004114
                          , L0004115
                L0004116
                          , L0004117
                                         , L0004118 , L0004119
                                                                    , L0004120
             , L0004122
                          , L0004123
 L0004121
                          , L0004125
                L0004124
                                         , L0004126
                                                      , L0004127
                                                                    , L0004128
, L0004129
             , L0004130
                          , L0004131
                          , L0004133
                L0004132
                                         , L0004134
                                                     , L0004135
                                                                    , L0004136
, L0004137
             , L0004138
                                 *** NETWORK ID: UCART2
                                                        ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG
                                                        IN MICROGRAMS/M**3
 Y-COORD
                                                           X-COORD (METERS)
  (METERS)
                  474865.51
                                        474880.51
                                                                474895.51
                 1.38673 (11091107)
                                        1.44141 (11091107)
                                                               1.50130 (11091107)
3755606.1 |
                 1.16223 (11091107)
                                        1.20226 (11091107)
                                                               1.24231 (11091107)
3755591.1
                 0.99245 (11091107)
                                        1.02309 (11091107)
                                                               1.05242 (11091107)
3755576.1
                                    0.88387 (11091107)
3755561.1
                 0.85935 (11091107)
                                                               0.90857 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                        ***
                                 04/06/22
*** AERMET - VERSION
                     16216 ***
                                13:01:18
                                PAGE 87
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                       L0004111
                                                                    , L0004112
, L0004113
                           , L0004115
             , L0004114
                          , L0004117
                L0004116
                                         , L0004118 , L0004119
                                                                    , L0004120
 L0004121
             , L0004122
                          , L0004123
                L0004124
                           , L0004125
                                       , L0004126 , L0004127 , L0004128
, L0004129
             , L0004130
                          , L0004131
```

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L0004132 , L0004133 , L0004134 , L0004135 , L0004136
, L0004137 , L0004138
                                 *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
 (METERS) 474800.90
                                474815.90

      3755623.3 |
      1.49479 (11091107)
      1.54859 (11091107)

      3755608.3 |
      1.23349 (11091107)
      1.27032 (11091107)

↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                                13:01:18
                                PAGE 88
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004111 , L0004112
, L0004113
             , L0004114 , L0004115 , L0004116 , L0004117 , L0004118 , L0004119 , L0004120
, L0004121 , L0004122 , L0004123
                          , L0004125 , L0004126 , L0004127 , L0004128
               L0004124
, L0004129 , L0004130 , L0004131
                L0004132 , L0004133 , L0004134 , L0004135 , L0004136
, L0004137 , L0004138
                                 *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS) | 474820.81
                                474835.81
3755622.5 | 1.54937 (11091107) 1.61095 (11091107)
3755607.5 | 1.27032 (11091107) 1.31139 (11091107)
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*** AERMET - VERSION 16216 *** ***
                              13:01:18
                              PAGE 89
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0004111 , L0004112
                       , L0004115
            , L0004114
, L0004113
                                     , L0004118 , L0004119 , L0004120
              L0004116 , L0004117
           , L0004122
L0004121
                        , L0004123
                        , L0004125 , L0004126 , L0004127 , L0004128
              L0004124
            , L0004130
                        , L0004131
 L0004129
                                    , L0004134 , L0004135 , L0004136
                        , L0004133
              L0004132
. L0004137
            , L0004138
                              *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
                                                      X-COORD (METERS)
 Y-COORD
  (METERS)
               474838.93
                                     474853.93
               3755615.4
3755600.4
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION 16216 *** ***
                    ***
                             13:01:18
                             PAGE 90
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0004111 , L0004112
, L0004113
            , L0004114
                        , L0004115
                        , L0004117
                                    , L0004118        , L0004119
                                                             , L0004120
               L0004116
, L0004121
            , L0004122
                        , L0004123
                        , L0004125 , L0004126 , L0004127 , L0004128
              L0004124
, L0004129
                        , L0004131
            , L0004130
                        , L0004133
              L0004132
                                    , L0004134      , L0004135
                                                              , L0004136
            , L0004138
, L0004137
```

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE:

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** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                               X-COORD (METERS)
 (METERS) | 474857.73 474872.73
             3755611.5
3755596.5
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                         04/06/22
*** AERMET - VERSION 16216 *** ***
                        13:01:18
                         PAGE 91
*** MODELOPTs:
              RegDFAULT CONC ELEV URBAN ADJ U*
                      *** THE
                              1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                          ***
                          INCLUDING SOURCE(S): L0004111 , L0004112
          , L0004114 , L0004115
, L0004113
                                , L0004118 , L0004119 , L0004120
            L0004116 , L0004117
, L0004121 , L0004122 , L0004123
                    , L0004125 , L0004126 , L0004127 , L0004128
            L0004124
, L0004129      , L0004130
                     , L0004131
            L0004132 , L0004133 , L0004134 , L0004135 , L0004136
, L0004137      , L0004138
                          *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                              ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                               X-COORD (METERS)
 (METERS)
              475108.79
                                475128.79
                                                   475148.79
    475168.79
                     475188.79
3755333.7 | 0.41068 (16062006) 0.41283 (16062006) 0.41517 (16062006)
   0.41796 (16062006) 0.42090 (16062006)
3755313.7
             0.38755 (16062006) 0.38948 (16062006) 0.39159 (16062006)
                     0.39651 (16062006)
   0.39393 (16062006)
3755293.7
             3755273.7 | 0.34840 (16062006) 0.34989 (16062006) 0.35146 (16062006)
```

```
0.33282 (16062006) 0.33428 (16062006)
              0.33139 (16062006)
3755253.7
                     0.33734 (16062006)
    0.33576 (16062006)
3755233.7
              0.31583 (16062006)
                                 0.31722 (16062006)
                                                   0.31858 (16062006)
                       0.32126 (16062006)
    0.31990 (16062006)
3755213.7
              0.30156 (16062006)
                                 0.30547 (16062006)
                       0.30663 (16062006)
3755193.7
              0.28854 (16062006)
                                                   0.29109 (16062006)
                                 0.28985 (16062006)
    0.29221 (16062006)
                       0.29321 (16062006)
              0.27653 (16062006)
                                 0.27772 (16062006) 0.27884 (16062006)
3755173.7
    0.27986 (16062006)
                       0.28071 (16062006)
3755153.7
              0.26542 (16062006)
                                0.26643 (16062006) 0.26745 (16062006)
    0.26837 (16062006) 0.26914 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 ***
                           13:01:18
                           PAGE 92
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0004111
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, L0004113
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                      , L0004117
                                  , L0004118 , L0004119
             L0004116
                                                        , L0004120
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                      , L0004123
                      , L0004128
             L0004124
           , L0004130
                      , L0004131
 L0004129
                      , L0004133
                                 , L0004134        , L0004135
             L0004132
                                                       , L0004136
. L0004137
           , L0004138
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                 X-COORD (METERS)
            475208.79
 (METERS)
                                 475228.79
                                                     475248.79
    475268.79
                       475288.79
3755333.7 | 0.42377 (16062006) 0.42636 (16062006)
                                                   0.42930 (16062006)
    0.43236 (16062006)
                       0.43428 (16062006)
              0.39893 (16062006)
3755313.7
                                 0.40111 (16062006) 0.40329 (16062006)
    0.40553 (16062006)
                       0.40733 (16062006)
              3755293.7
    0.38217 (16062006)
                    0.38385 (16062006)
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3755273.7 | 0.35687 (16062006) 0.35856 (16062006) 0.36012 (16062006)
    0.36169 (16062006)
                          0.36325 (16062006)
                0.33895 (16062006)
                                                           0.34197 (16062006)
3755253.7
                                      0.34052 (16062006)
    0.34342 (16062006)
                          0.34480 (16062006)
                                                       0.32550 (16062006)
3755233.7
                0.32269 (16062006)
                                      0.32415 (16062006)
    0.32678 (16062006)
                          0.32795 (16062006)
                                                           0.31042 (16062006)
3755213.7 |
                0.30791 (16062006)
                                      0.30916 (16062006)
                          0.31256 (16062006)
    0.31157 (16062006)
3755193.7
                0.29427 (16062006)
                                      0.29544 (16062006)
                                                            0.29651 (16062006)
    0.29750 (16062006)
                          0.29835 (16062006)
3755173.7
                0.28171 (16062006)
                                      0.28272 (16062006) 0.28365 (16062006)
    0.28450 (16062006)
                          0.28526 (16062006)
                0.27004 (16062006) 0.27092 (16062006) 0.27172 (16062006)
3755153.7
                          0.27434 (15031518)
    0.27248 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 ***
                               13:01:18
                               PAGE 93
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0004111
                                                                 , L0004112
, L0004113
             , L0004114
                         , L0004115
                                       , L0004118 , L0004119
               L0004116
                         , L0004117
                                                                 , L0004120
                         , L0004123
 L0004121
            , L0004122
                         , L0004125
               L0004124
                                       , L0004126 , L0004127
                                                                 , L0004128
            , L0004130
                         , L0004131
 L0004129
                         , L0004133
               L0004132
                                      , L0004134 , L0004135
                                                                 , L0004136
 L0004137
            , L0004138
                                *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                        X-COORD (METERS)
  (METERS)
                 475151.63
                                       475171.63
                                                             475191.63
     475211.63
                0.51994 (16062006) 0.52428 (16062006) 0.52824 (16062006)
3755398.3
                          0.53671 (16062006)
    0.53223 (16062006)
3755378.3
                0.48298 (16062006)
                                      0.48648 (16062006) 0.48962 (16062006)
                          0.49727 (16062006)
    0.49308 (16062006)
3755358.3
                0.45053 (16062006)
                                   0.45355 (16062006)
                                                            0.45615 (16062006)
```

```
0.45932 (16062006) 0.46310 (16062006)
                                    0.42448 (16062006) 0.42739 (16062006)
               0.42162 (16062006)
3755338.3
                        0.43307 (16062006)
    0.43033 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION
                   16216 ***
                              ***
                    ***
                             13:01:18
                             PAGE 94
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                                                             , L0004112
                             INCLUDING SOURCE(S): L0004111
            , L0004114
                      , L0004115
, L0004113
                                     , L0004118 , L0004119
                        , L0004117
              L0004116
                                                             , L0004120
            , L0004122
, L0004121
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                       , L0004125
                                  , L0004126
              L0004124
                                                , L0004127 , L0004128
            , L0004130
 L0004129
                        , L0004131
                                   , L0004134 , L0004135 , L0004136
                       , L0004133
              L0004132
, L0004137
           , L0004138
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) | 475251.63
                                   475271.63
                                                          475291.63
     475311.63
                         475331.63
               0.54599 (16062006)
3755398.3
                         0.55001 (16062006)
    0.54813 (16062006)
               0.50107 (16062006)
                                    0.50405 (16062006)
                                                     0.50611 (16062006)
                         0.50927 (16062006)
    0.50784 (16062006)
3755358.3
               0.46663 (16062006)
                                    0.47278 (16062006)
                         0.47401 (16062006)
3755338.3
               0.43624 (16062006) 0.43922 (16062006) 0.44109 (16062006)
                         0.44305 (16062006)
    0.44208 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                     ***
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                             13:01:18
                             PAGE 95
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
```

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*** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                       L0004111
                                                                    , L0004112
, L0004113
             , L0004114
                           , L0004115
                                         , L0004118
                                                      , L0004119
                L0004116
                          , L0004117
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 L0004121
             , L0004122
                          , L0004123
                                         , L0004126
                                                      , L0004127
                           , L0004125
                                                                    , L0004128
                L0004124
             , L0004130
                           , L0004131
 L0004129
                           , L0004133
                                         , L0004134
                L0004132
                                                     , L0004135
                                                                    , L0004136
 L0004137
             , L0004138
                                 *** NETWORK ID: UCART8
                                                        ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG
                                                         IN MICROGRAMS/M**3
 Y-COORD
                                                           X-COORD (METERS)
  (METERS)
                  475351.63
                                         475371.63
                 0.55164 (16062006)
 3755398.3
                                      0.55304 (16062006)
                 0.51059 (16062006)
                                       0.51200 (16062006)
 3755378.3
                 0.47524 (16062006)
                                        0.47657 (16062006)
 3755358.3
                 0.44429 (16062006)
                                       0.44569 (16062006)
 3755338.3
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                                 04/06/22
                      16216 ***
                                 ***
 *** AERMET - VERSION
                                13:01:18
                                PAGE 96
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                                                    , L0004112
                                INCLUDING SOURCE(S):
                                                       L0004111
             , L0004114
                           , L0004115
, L0004113
                L0004116
                           , L0004117
                                         , L0004118 , L0004119
                                                                    , L0004120
 L0004121
             , L0004122
                          , L0004123
                          , L0004125
                                         , L0004126
                                                      , L0004127
                L0004124
                                                                    , L0004128
                           , L0004131
 L0004129
             , L0004130
                          , L0004133
                                        , L0004134
                                                       , L0004135
                L0004132
                                                                    , L0004136
, L0004137
             , L0004138
                                 *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
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\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

```
Y-COORD
                                            X-COORD (METERS)
           475185.62
 (METERS)
                             475205.62
                                                475225.62
             475265.62
    475245.62
3755444.0 | 0.63673 (16062006) 0.64350 (16062006) 0.64995 (16062006)
   0.58380 (16062006) 0.58929 (16062006) 0.59439 (16062006)
3755424.0
   0.59933 (16062006)
                    0.60352 (16062006)
            3755404.0
   0.55178 (16062006) 0.55515 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                        04/06/22
*** AERMET - VERSION 16216 *** ***
                        13:01:18
                        PAGE 97
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                     *** THE
                            1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                        INCLUDING SOURCE(S): L0004111
                                                  , L0004112
, L0004113
          , L0004114 , L0004115
                   , L0004117
                              , L0004118 , L0004119 , L0004120
           L0004116
L0004121
          , L0004122 , L0004123
           L0004124 , L0004125 , L0004126 , L0004127 , L0004128
L0004129 , L0004130
                   , L0004131
                    , L0004133 , L0004134 , L0004135 , L0004136
           L0004132
, L0004137 , L0004138
                         *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                            ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                            X-COORD (METERS)
 (METERS) | 475285.62
                      475305.62
                                                475325.62
    475345.62
                     475365.62
3755444.0 | 0.66585 (16062006) 0.66957 (16062006)
                                              0.67266 (16062006)
   0.67501 (16062006) 0.67841 (11091107)
            3755424.0
                    0.61628 (16062006)
   0.61462 (16062006)
            3755404.0
   0.56407 (16062006) 0.56563 (16062006)
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★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                               04/06/22
 *** AERMET - VERSION 16216 ***
                             13:01:18
                             PAGE 98
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                             INCLUDING SOURCE(S): L0004111
                                                              , L0004112
, L0004113
                       , L0004115
            , L0004114
                                    , L0004118 , L0004119 , L0004120
              L0004116 , L0004117
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 L0004121
, L0004129
           , L0004130        , L0004131
                        , L0004133 , L0004134 , L0004135 , L0004136
              L0004132
, L0004137 , L0004138 , . . .
                              *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                      X-COORD (METERS)
              475230.47
                                    475250.47
 (METERS)
                                                          475270.47
     475290.47
                          475310.47
3755490.2 | 0.86706 (11091107) 0.89248 (11091107) 0.91654 (11091107)
    0.93832 (11091107)
                         0.95704 (11091107)
3755470.2
               0.74295 (16062006) 0.75102 (16062006) 0.76442 (11091107)
    0.78229 (11091107)
                         0.79851 (11091107)
               3755450.2
                         0.69116 (16062006)
    0.68736 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                             13:01:18
                             PAGE 99
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004111 , L0004112
                       , L0004115
. L0004113
            , L0004114
                        , L0004117 , L0004118 , L0004119 , L0004120
              L0004116
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, L0004121 , L0004122 , L0004123
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                L0004124
                          , L0004131
, L0004129
             , L0004130
                L0004132 , L0004133 , L0004134 , L0004135 , L0004136
, L0004137
             , L0004138 , . . .
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS) | 475330.47
                                       475350.47
                 0.97270 (11091107) 0.98481 (11091107)
3755490.2

      0.81287 (11091107)
      0.82498 (11091107)

      0.69428 (16062006)
      0.70282 (11091107)

3755470.2
3755450.2 |
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                13:01:18
                                PAGE 100
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004111 , L0004112
, L0004113
             , L0004114
                          , L0004115
                L0004116 , L0004117
                                        , L0004118 , L0004119 , L0004120
, L0004121
             , L0004122 , L0004123
                          , L0004125
                                       , L0004126
                                                     , L0004127 , L0004128
               L0004124
                          , L0004131
, L0004129
             , L0004130
               L0004132 , L0004133 , L0004134 , L0004135
                                                                    , L0004136
, L0004137     , L0004138
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
                                         475274.84
                                                                475294.84
  (METERS)
                  475254.84
     475314.84
                            475334.84
```

```
3755513.8 | 1.14670 (11091107) 1.17821 (11091107) 1.20449 (11091107)
                      1.24064 (11091107)
   1.22525 (11091107)
                                 0.95455 (11091107) 0.97641 (11091107)
3755493.8
              0.92989 (11091107)
   0.99491 (11091107) 1.00995 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                          13:01:18
                          PAGE 101
              RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                       *** THE
                               1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           ***
                          INCLUDING SOURCE(S): L0004111
                                                        , L0004112
, L0004113
           , L0004114
                     , L0004115
                                 , L0004118 , L0004119 , L0004120
             L0004116 , L0004117
           , L0004122
                     , L0004123
 L0004121
                    , L0004125 , L0004126 , L0004127 , L0004128
             L0004124
          , L0004130
, L0004129
                     , L0004131
                     , L0004133 , L0004134 , L0004135 , L0004136
             L0004132
           , L0004138
. L0004137
                           *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                 X-COORD (METERS)
 (METERS) | 475293.48
                                475313.48
                                                    475333.48
    475353.48
                       475373.48
3755332.6 | 0.43309 (16062006) 0.43408 (16062006) 0.43507 (16062006)
   0.43640 (16062006) 0.43773 (16062006)
3755312.6
              0.40634 (16062006)
                                 0.40760 (16062006) 0.40890 (16062006)
   0.41022 (16062006)
                    0.41150 (16062006)
3755292.6
              0.38577 (16062006)
                      0.38801 (16062006)
   0.38699 (16062006)
3755272.6
              0.36257 (16062006)
                                 0.36697 (16062006)
   0.36617 (16062006)
              0.34417 (16062006)
3755252.6
                                0.34531 (16062006)
                                                  0.34635 (16062006)
                      0.34787 (16062006)
   0.34720 (16062006)
                                0.32839 (16062006) 0.32922 (16062006)
3755232.6
              0.32738 (16062006)
   0.32994 (16062006)
                      0.33139 (11102317)
              3755212.6
```

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* 13:01:18 PAGE 102 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF TOG IN MICROGRAMS/M\*\*3 \*\* NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID 0.64008 AT ( 474796.04, 3755633.62, 496.60, ALL 1ST HIGHEST VALUE IS 0.00) GC UCART1 789.90, 2ND HIGHEST VALUE IS 0.62270 AT ( 474781.04, 3755633.62, 497.00, 0.00) GC UCART1 789.90, 3RD HIGHEST VALUE IS 0.60645 AT ( 474835.81, 3755622.54, 494.80, 789.90, 0.00) GC UCART4 4TH HIGHEST VALUE IS 0.60364 AT ( 474766.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 0.58996 AT ( 474815.90, 3755623.35, 495.20, 5TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3 6TH HIGHEST VALUE IS 0.58964 AT ( 474820.81, 3755622.54, 495.00, 789.90, 0.00) GC UCART4 7TH HIGHEST VALUE IS 0.58588 AT ( 474751.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 8TH HIGHEST VALUE IS 0.57777 AT ( 474853.93, 3755615.41, 493.60, 0.00) GC UCART5 789.90, 9TH HIGHEST VALUE IS 0.57680 AT ( 474800.90, 3755623.35, 495.80, 789.90, 0.00) GC UCART3 10TH HIGHEST VALUE IS 0.57662 AT ( 474872.73, 3755611.53, 493.50, 789.90, 0.00) GC UCART6 \*\*\* RECEPTOR TYPES: GC = GRIDCART GP = GRIDPOLR DC = DISCCART

★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - AUTO TOG \*\*\* 04/06/22

DP = DISCPOLR

```
*** AERMET - VERSION 16216 *** ***
                    ***
                             13:01:18
                             PAGE 103
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                          *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
             **
                                               DATE
                                   NETWORK
GROUP ID
                                                        RECEPTOR
                            AVERAGE CONC
                                            (YYMMDDHH)
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
HIGH 1ST HIGH VALUE IS 1.71233 ON 11091107: AT ( 474796.04,
          496.60, 789.90, 0.00) GC UCART1
3755633.62,
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                             13:01:18
                             PAGE 104
*** 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
                   4 Warning Message(s)
          2028 Informational Message(s)
A Total of
A Total of
               43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of
            1050 Missing Hours Identified ( 2.40 Percent)
```

## \*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\* \*\*\* NONE \*\*\*

****	**** WARNING	MESSAGES	*****			
ME W186 0.50	1163 ð	MEOPEN: T	HRESH_1MIN	1-min ASOS	wind speed th	nreshold used
ME W187	1163	MEOPEN: A	.DJ_U* Opti	on for Stab	le Low Winds ι	used in AERMET
MX W450 1401010:	17521 l	CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:
MX W450 2 year ga		CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:

\*\*\*\*\*\*\*\*\*\*\* \*\*\* AERMOD Finishes Successfully \*\*\*
\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall 2029\MVMall 2029.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2029 Operations - Auto TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMall 2029.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 SR60 EB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.0211
** Vertical Dimension = 1.19
** SZINIT = 0.55
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 0.59, 5.35
** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
** 475301.985, 3755606.087, 502.95, 0.59, 5.35
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					400.07
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LOCATION	L0004642	VOLUME	473548.956	3755952.556	486.41
LOCATION	L0004643	VOLUME	473560.219	3755950.236	486.58
LOCATION	L0004644	VOLUME	473571.483	3755947.916	486.75
LOCATION	L0004645	VOLUME	473582.746	3755945.595	486.91
LOCATION	L0004646	VOLUME	473594.010	3755943.275	487.08
LOCATION	L0004647	VOLUME	473605.273	3755940.955	487.25
LOCATION	L0004648	VOLUME	473616.537	3755938.634	487.42
LOCATION	L0004649	VOLUME	473627.800	3755936.314	487.58
LOCATION	L0004650	VOLUME	473639.064	3755933.994	487.75
LOCATION	L0004651	VOLUME	473650.327	3755931.673	487.92
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LOCATION	L0004653	VOLUME	473672.854	3755927.033	488.26
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LOCATION	L0004655	VOLUME	473695.381	3755922.392	488.59
LOCATION	L0004656	VOLUME	473706.644	3755920.072	488.76
LOCATION	L0004657	VOLUME	473717.908	3755917.751	488.93
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LOCATION	L0004660	VOLUME	473751.698	3755910.790	489.43
LOCATION	L0004661	VOLUME	473762.962	3755908.470	489.60
LOCATION	L0004662	VOLUME	473774.225	3755906.149	489.77
LOCATION	L0004663	VOLUME	473785.489	3755903.829	489.93
LOCATION	L0004664	VOLUME	473796.752	3755901.509	490.10
LOCATION	L0004665	VOLUME	473808.016	3755899.188	490.27
LOCATION	L0004666	VOLUME	473819.279	3755896.868	490.44
LOCATION	L0004667	VOLUME	473830.543	3755894.548	490.60
LOCATION	L0004668	VOLUME	473841.806	3755892.227	490.77
LOCATION	L0004669	VOLUME	473853.070	3755889.907	490.94
LOCATION	L0004670	VOLUME			
LOCATION	L0004671	VOLUME	473875.597	3755885.266	491.28
LOCATION					
LOCATION	L0004673	VOLUME	473898.124	3755880.626	491.61
		VOLUME			
LOCATION	L0004678				
		VOLUME			
LOCATION	L0004687	VOLUME	474055.812	3755848.141	493.96
	LOCATION	LOCATION L0004642 LOCATION L0004643 LOCATION L0004644 LOCATION L0004645 LOCATION L0004646 LOCATION L0004647 LOCATION L0004648 LOCATION L0004650 LOCATION L0004650 LOCATION L0004651 LOCATION L0004653 LOCATION L0004654 LOCATION L0004655 LOCATION L0004655 LOCATION L0004656 LOCATION L0004657 LOCATION L0004658 LOCATION L0004660 LOCATION L0004660 LOCATION L0004661 LOCATION L0004661 LOCATION L0004663 LOCATION L0004666 LOCATION L0004666 LOCATION L0004666 LOCATION L0004666 LOCATION L0004667 LOCATION L0004667 LOCATION L0004670 LOCATION L0004671 LOCATION L0004671 LOCATION L0004671 LOCATION L0004673 LOCATION L0004673 LOCATION L0004674 LOCATION L0004675 LOCATION L0004675 LOCATION L0004676 LOCATION L0004678 LOCATION L0004678 LOCATION L0004681 LOCATION L0004681 LOCATION L0004683 LOCATION L0004685 LOCATION L0004685 LOCATION L0004686 LOCATION L0004686 LOCATION L0004686 LOCATION L0004688	LOCATION L0004643 VOLUME LOCATION L0004644 VOLUME LOCATION L0004645 VOLUME LOCATION L0004646 VOLUME LOCATION L0004647 VOLUME LOCATION L0004648 VOLUME LOCATION L0004650 VOLUME LOCATION L0004650 VOLUME LOCATION L0004651 VOLUME LOCATION L0004651 VOLUME LOCATION L0004653 VOLUME LOCATION L0004653 VOLUME LOCATION L0004655 VOLUME LOCATION L0004655 VOLUME LOCATION L0004656 VOLUME LOCATION L0004657 VOLUME LOCATION L0004659 VOLUME LOCATION L0004660 VOLUME LOCATION L0004661 VOLUME LOCATION L0004661 VOLUME LOCATION L0004661 VOLUME LOCATION L0004663 VOLUME LOCATION L0004664 VOLUME LOCATION L0004665 VOLUME LOCATION L0004667 VOLUME LOCATION L0004667 VOLUME LOCATION L0004667 VOLUME LOCATION L0004669 VOLUME LOCATION L0004669 VOLUME LOCATION L0004671 VOLUME LOCATION L0004681 VOLUME LOCATION L0004681 VOLUME LOCATION L0004682 VOLUME LOCATION L0004683 VOLUME LOCATION L0004684 VOLUME LOCATION L00046880 VOLUME LOCATION L00046880 VOLUME	LOCATION L0004643	LOCATION L0004643

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LOCATION L0004693
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LOCATION L0004741
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                                474675.304 3755720.522 503.19
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LOCATION L0004743
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LOCATION L0004762
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LOCATION L0004763
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LOCATION L0004767
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LOCATION L0004768
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LOCATION L0004769
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LOCATION L0004770
                      VOLUME
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LOCATION L0004771
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LOCATION L0004772
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                                475024.825 3755650.335 503.73
LOCATION L0004773
                      VOLUME
LOCATION L0004774
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LOCATION L0004775
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LOCATION L0004776
                      VOLUME
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LOCATION L0004777
                      VOLUME
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LOCATION L0004778
                      VOLUME
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LOCATION L0004779
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                      VOLUME
LOCATION L0004780
                      VOLUME
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                                475115.045 3755632.321 503.61
LOCATION L0004781
                      VOLUME
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LOCATION L0004782
                      VOLUME
LOCATION L0004783
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LOCATION L0004784
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                      VOLUME
LOCATION L0004785
                      VOLUME
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LOCATION L0004786
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LOCATION L0004787
                      VOLUME
                                475182.709 3755618.811 503.51
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LOCATION L0004792
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                      VOLUME
LOCATION L0004793
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LOCATION L0004795
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                      VOLUME
LOCATION L0004797
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.0211
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- \*\* End of LINE VOLUME Source ID = SLINE2
- \*\* Source Parameters \*\*

  \*\* LINE VOLUME Source ID = SLINE1

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	L0004817	0.0000796226 0.0000796226	0.59	5.35	0.55
	L0004817 L0004818	0.0000796226	0.59	5.35	0.55
	L0004819	0.0000796226		5.35	0.55
			0.59	5.35	0.55
	L0004820	0.0000796226	0.59	5.35	0.55
	L0004821	0.0000796226	0.59	5.35	0.55
	L0004822	0.0000796226	0.59	5.35	0.55
	L0004823	0.0000796226	0.59	5.35	0.55
	L0004824	0.0000796226	0.59	5.35	0.55
	L0004825	0.0000796226	0.59	5.35	0.55
	L0004826	0.0000796226	0.59	5.35	0.55
	L0004827	0.0000796226	0.59	5.35	0.55
	L0004828	0.0000796226	0.59	5.35	0.55
	L0004829	0.0000796226	0.59	5.35	0.55
	L0004830	0.0000796226	0.59	5.35	0.55
	L0004831	0.0000796226	0.59	5.35	0.55
	L0004832	0.0000796226	0.59	5.35	0.55
	L0004833	0.0000796226	0.59	5.35	0.55
	L0004834	0.0000796226	0.59	5.35	0.55
	L0004835	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004836	0.0000796226	0.59	5.35	0.55

SRCPARAM	L0004837	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004838	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004841	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004842	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004843	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004844	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004845	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004848	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004851	0.0000796226	0.59	5.35	0.55
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	L0004858	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004859	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004871	0.0000796226	0.59	5.35	0.55
	L0004872	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004874	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004875	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004876	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004877	0.0000796226	0.59	5.35	0.55
	L0004878	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004879	0.0000796226	0.59	5.35	0.55
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	L0004881	0.0000796226	0.59	5.35	0.55
	L0004882	0.0000796226	0.59	5.35	0.55
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	SRCPARAM	L0004902	0.0000796226	0.59	5.35	0.55
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**	LINE VOLU	JME Source ID				
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	SRCPARAM	L0004911	0.0000799242	0.59	5.35	0.55
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	SRCPARAM	L0004913	0.0000799242	0.59	5.35	0.55
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	SRCPARAM	L0004915	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004916	0.0000799242	0.59	5.35	0.55
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	SRCPARAM	L0004918	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004919	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004920	0.0000799242	0.59	5.35	0.55
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	SRCPARAM	L0004922	0.0000799242	0.59	5.35	0.55
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	SRCPARAM	L0004924	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004925	0.0000799242	0.59	5.35	0.55
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	L0004967	0.0000799242	0.59	5.35 5.35	0.55
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	L0004979	0.0000799242	0.59	5.35	0.55
	L0004980	0.0000799242	0.59	5.35	0.55
	L0004981	0.0000799242	0.59	5.35	0.55
	L0004982	0.0000799242	0.59	5.35	0.55
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	L0005007	0.0000799242	0.59	5.35	0.55
	L0005008	0.0000799242	0.59	5.35	0.55
	L0005009	0.0000799242	0.59	5.35	0.55
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	L0005011	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005087	0.0000799242	0.59	5.35	0.55
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URBANSRC					
SRCGROUP	ALL				
SO FINISHED					
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		******			
	eceptor Pathw	-			
	******	******			
**					
**					
RE STARTING					
INCLUDED	MVMall_2029.	rou			
RE FINISHED					
**					
*******	******	******			

\*\* AERMOD Meteorology Pathway

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** Profile File Path: C:\Lakes\AERMOD View\MVMall 2029\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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  RECTABLE 1 1ST
** Auto-Generated Plotfiles
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31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall_2029\MVMALL_2029.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall 2029\MVMall 2029.sum"
OU FINISHED
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** Project Parameters
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** DESCPTN UTM: Universal Transverse Mercator
          World Geodetic System 1984
** DATUM
** DTMRGN Global Definition
** UNITS
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL 2029\MVMALL 2029.ADI
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** AERMOD CONTROL PATHWAY
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  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMALL 2029.ERR
CO FINISHED
**
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** AERMOD SOURCE PATHWAY
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**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC SR60 EB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0211
** VERTICAL DIMENSION = 1.19
** SZINIT = 0.55
** NODES = 5
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** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
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\*\* 475301.985, 3755606.087, 502.95, 0.59, 5.35

\*\* 476529.628, 3755625.490, 502.55, 0.59, 5.35

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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0211
** VERTICAL DIMENSION = 1.19
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LOCATION L0005162
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LOCATION L0005163
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LOCATION L0005164
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LOCATION L0005165
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LOCATION L0005166
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LOCATION L0005167
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LOCATION L0005168 VOLUME 473527.865 3755981.761 486.05

- \*\* END OF LINE VOLUME SOURCE ID = SLINE2
- \*\* SOURCE PARAMETERS \*\*

** LINE VOLUME SOURCE ID = SLINE	**	LINE	VOLUME	SOURCE	ID	=	SLINE1
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**	LINE VOLU	JME SOURCE	ID	=	SLINE1							
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	SRCPARAM	L0004642		0.	0000796226	(	3.59	!	5.35	(	Э.	55
	SRCPARAM	L0004643		0.	0000796226	(	0.59	!	5.35	(	Э.	55
	SRCPARAM	L0004644		0.	0000796226	(	3.59	!	5.35	(	Э.	55
	SRCPARAM	L0004645		0.	0000796226	(	3.59	!	5.35	(	Э.	55
	SRCPARAM	L0004646		0.	0000796226	(	3.59	!	5.35	(	Э.	55
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	SRCPARAM	L0004649		0.	0000796226	(	0.59	!	5.35	(	Э.	55
	SRCPARAM	L0004650		0.	0000796226	(	3.59	!	5.35	(	Э.	55
	SRCPARAM	L0004651		0.	0000796226	(	.59	!	5.35	(	Э.	55
	SRCPARAM	L0004652		0.	0000796226	(	.59	!	5.35	(	Э.	55
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	SRCPARAM	L0004656		0.	0000796226	(	3.59	!	5.35	(	Э.	55
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SRCPARAM	L0004808	0.0000796226	0.59	5.35	0.55
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	L0004811	0.0000796226	0.59	5.35	0.55
	L0004812	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004813	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004814	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004815	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004817	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004818	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004819	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004820	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004823	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004825	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004826	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004827	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004828	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004829	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004830	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004831	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004832	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004833	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004834	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004835	0.0000796226	0.59	5.35	0.55

	L0004836	0.0000796226	0.59	5.35	0.55
	L0004837	0.0000796226	0.59	5.35	0.55
	L0004838	0.0000796226	0.59	5.35	0.55
	L0004839	0.0000796226	0.59	5.35	0.55
	L0004840	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004841	0.0000796226	0.59	5.35	0.55
	L0004842	0.0000796226	0.59	5.35	0.55
	L0004843	0.0000796226	0.59	5.35	0.55
	L0004844	0.0000796226	0.59	5.35	0.55
	L0004845	0.0000796226	0.59	5.35	0.55
	L0004846	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004847	0.0000796226	0.59	5.35	0.55
	L0004848	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004849	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004850	0.0000796226	0.59	5.35	0.55
SRCPARAM	L0004851	0.0000796226	0.59	5.35	0.55
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SRCPARAM	L0004856	0.0000796226	0.59	5.35	0.55
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	L0004863	0.0000796226	0.59	5.35	0.55
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	L0004865	0.0000796226	0.59	5.35	0.55
	L0004866	0.0000796226	0.59	5.35	0.55
	L0004867	0.0000796226	0.59	5.35	0.55
	L0004868	0.0000796226	0.59	5.35	0.55
	L0004869	0.0000796226	0.59	5.35	0.55
	L0004870	0.0000796226	0.59	5.35	0.55
	L0004871	0.0000796226	0.59	5.35	0.55
	L0004872	0.0000796226	0.59	5.35	0.55
	L0004873	0.0000796226	0.59	5.35	0.55
	L0004874	0.0000796226	0.59	5.35	0.55
	L0004875	0.0000796226	0.59	5.35	0.55
	L0004876	0.0000796226	0.59	5.35	0.55
	L0004877	0.0000796226	0.59	5.35	0.55
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	L0004883	0.0000796226	0.59	5.35	0.55
	L0004884	0.0000796226	0.59	5.35	0.55
	L0004885	0.0000796226	0.59	5.35	0.55
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	SRCPARAM	L0004887	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004888	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004889	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004890	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004891	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004892	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004893	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004894	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004895	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004896	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004897	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004898	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004899	0.0000796226	0.59	5.35	0.55
	SRCPARAM	L0004900	0.0000796226		5.35	0.55
		L0004901	0.0000796226		5.35	0.55
	SRCPARAM	L0004902	0.0000796226	0.59	5.35	0.55
		L0004903	0.0000796226	0.59	5.35	0.55
		L0004904	0.0000796226		5.35	0.55
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**	LINE VOLU	JME SOURCE ID	= SLINE2			
	SRCPARAM	L0004905	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004906	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004907	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004908	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004909	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004910	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004911	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004912	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004913	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004914	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004915	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004916	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004917	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004918	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004919	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004920	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004921	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004922	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004923	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004924	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004925	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004926	0.0000799242	0.59	5.35	0.55
	SRCPARAM	L0004927	0.0000799242	0.59	5.35	0.55
	SRCPARAM		0.0000799242	0.59	5.35	0.55
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	SRCPARAM		0.0000799242	0.59	5.35	0.55
	SRCPARAM		0.0000799242	0.59	5.35	0.55
	SRCPARAM		0.0000799242	0.59	5.35	0.55

SRCPARAM	L0004934	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004935	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004936	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004937	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004938	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004939	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004940	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004941	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004942	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004943	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004944	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004945	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0004949	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004950	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0004951	0.0000799242	0.59	5.35	0.55
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	L0004953	0.0000799242	0.59	5.35	0.55
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	L0004955	0.0000799242	0.59	5.35	0.55
	L0004956	0.0000799242	0.59	5.35	0.55
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	L0004958	0.0000799242	0.59	5.35	0.55
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	L0004960	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0004964	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0004980	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0004991	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0004995	0.0000799242	0.59	5.35	0.55
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	L0005000	0.0000799242	0.59	5.35	0.55
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	L0005030	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005038	0.0000799242	0.59	5.35	0.55
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	L0005075	0.0000799242	0.59	5.35	0.55
	L0005070	0.0000799242	0.59	5.35	0.55
	L0005077	0.0000799242	0.59	5.35	0.55
	L0005078	0.0000799242	0.59	5.35	0.55
	L0005080	0.0000799242	0.59	5.35	0.55
	L0005081	0.0000799242	0.59	5.35	0.55
	L0005081	0.0000799242	0.59	5.35	0.55
	L0005082	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005085	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005086	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005087	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005089	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005090	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005091	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005093	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005099	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005100	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005102	0.0000799242	0.59	5.35	0.55
	L0005103	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005104	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005105	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005106	0.0000799242	0.59	5.35	0.55
	L0005107	0.0000799242	0.59	5.35	0.55
	L0005108	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005109	0.0000799242	0.59	5.35	0.55
	L0005110	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005111	0.0000799242	0.59	5.35	0.55
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SRCPARAM	L0005114	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005115	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005116	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005117	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005118	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005119	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005120	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005121	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005122	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005123	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005124	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005125	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005126	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005127	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005128	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005129	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005130	0.0000799242	0.59	5.35	0.55
	L0005131	0.0000799242	0.59	5.35	0.55
SRCPARAM	L0005132	0.0000799242	0.59	5.35	0.55
	L0005133	0.0000799242	0.59	5.35	0.55

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SRCPARAM L0005134
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   SRCPARAM L0005135
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   SRCPARAM L0005136
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   SRCPARAM L0005137
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   SRCPARAM L0005138
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   SRCPARAM L0005139
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   SRCPARAM L0005140
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   SRCPARAM L0005141
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   SRCPARAM L0005142
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   SRCPARAM L0005143
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   SRCPARAM L0005144
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   SRCPARAM L0005145
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   SRCPARAM L0005146
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   SRCPARAM L0005147
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   SRCPARAM L0005148
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   SRCPARAM L0005149
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   SRCPARAM L0005150
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   SRCPARAM L0005151
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   SRCPARAM L0005152
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   SRCPARAM L0005153
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   SRCPARAM L0005154
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   SRCPARAM L0005155
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   SRCPARAM L0005156
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   SRCPARAM L0005157
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   SRCPARAM L0005158
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   SRCPARAM L0005159
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   SRCPARAM L0005160
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   SRCPARAM L0005161
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   SRCPARAM L0005162
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   SRCPARAM L0005163
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   SRCPARAM L0005164
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   SRCPARAM L0005165
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   SRCPARAM L0005166
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   SRCPARAM L0005167
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   SRCPARAM L0005168
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  URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
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** AERMOD METEOROLOGY PATHWAY
************
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL_2029\PERI_V9_ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL 2029\PERI V9 ADJU\
  PROFFILE PERI V9 ADJU\PERI V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
*************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
            1 ALL 1ST "C:\LAKES\AERMOD
  PLOTFILE
VIEW\MVMALL 2029\MVMALL 2029.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL 2029\MVMALL 2029.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL 2029\MVMALL 2029.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
           1163
                     MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
           1163
```

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*** SETUP Finishes Successfully ***
***********
*** AERMOD - VERSION 21112 ***
                                  *** 2029 OPERATIONS - AUTO TOG
                                  04/06/22
                                 ***
*** AERMET - VERSION 16216 ***
                                13:29:06
                                PAGE
                                       1
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                          ***
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 529 Source(s),
 for Total of
                 1 Urban Area(s):
 Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
       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: TOG
**Model Calculates 1 Short Term Average(s) of:
                                                 1-HR
   and Calculates PERIOD Averages
```

\*\*\*\*\*\*\*\*\*\*\*

\*\*This Run Includes: 529 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 529 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: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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) = 442.00; Decay Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 = MICROGRAMS/M\*\*3 Output Units \*\*Approximate Storage Requirements of Model = 3.8 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out \*\*Detailed Error/Message File: MVMALL 2029.ERR \*\*File for Summary of Results: C:\LAKES\AERMOD VIEW\MVMALL\_2029\MVMALL\_2029.SUM ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

04/06/22

PAGE 2

# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.	VANT	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY	,	, ,	,	, ,	,
L0004640 0.55 YES	0	0.79623E-04	473526.4	3755957.2	486.1	0.59	5.35
L0004641	0	0.79623E-04	473537.7	3755954.9	486.2	0.59	5.35
0.55 YES L0004642 0.55 YES	0	0.79623E-04	473549.0	3755952.6	486.4	0.59	5.35
L0004643 0.55 YES	0	0.79623E-04	473560.2	3755950.2	486.6	0.59	5.35
L0004644 0.55 YES	0	0.79623E-04	473571.5	3755947.9	486.8	0.59	5.35
L0004645 0.55 YES	0	0.79623E-04	473582.7	3755945.6	486.9	0.59	5.35
L0004646 0.55 YES	0	0.79623E-04	473594.0	3755943.3	487.1	0.59	5.35
L0004647 0.55 YES	0	0.79623E-04	473605.3	3755941.0	487.2	0.59	5.35
L0004648 0.55 YES	0	0.79623E-04	473616.5	3755938.6	487.4	0.59	5.35
L0004649 0.55 YES	0	0.79623E-04	473627.8	3755936.3	487.6	0.59	5.35
L0004650 0.55 YES	0	0.79623E-04	473639.1	3755934.0	487.8	0.59	5.35
L0004651 0.55 YES	0	0.79623E-04	473650.3	3755931.7	487.9	0.59	5.35
L0004652 0.55 YES	0	0.79623E-04	473661.6	3755929.4	488.1	0.59	5.35
L0004653 0.55 YES	0	0.79623E-04	473672.9	3755927.0	488.3	0.59	5.35
L0004654	0	0.79623E-04	473684.1	3755924.7	488.4	0.59	5.35
0.55 YES L0004655 0.55 YES	0	0.79623E-04	473695.4	3755922.4	488.6	0.59	5.35

L0004656	0	0.79623E-04	473706.6 3755920.1	488.8	0.59	5.35
0.55 YES L0004657	0	0.79623E-04	473717.9 3755917.8	488.9	0.59	5.35
0.55 YES	O	0.75025L-04	4/3/1/.5 3/3331/.6	400.5	0.55	3.33
L0004658	0	0.79623E-04	473729.2 3755915.4	489.1	0.59	5.35
0.55 YES						
L0004659	0	0.79623E-04	473740.4 3755913.1	489.3	0.59	5.35
0.55 YES						
L0004660	0	0.79623E-04	473751.7 3755910.8	489.4	0.59	5.35
0.55 YES	_					
L0004661	0	0.79623E-04	473763.0 3755908.5	489.6	0.59	5.35
0.55 YES	0	0.706335.04	472774 2 2755006 1	400.0	0 50	F 2F
L0004662 0.55 YES	0	0.79623E-04	473774.2 3755906.1	489.8	0.59	5.35
L0004663	0	0.79623E-04	473785.5 3755903.8	489.9	0.59	5.35
0.55 YES	ð	0.73023L-04	4/3/63.3 3/33963.6	409.9	0.33	رد.د
L0004664	0	0.79623E-04	473796.8 3755901.5	490.1	0.59	5.35
0.55 YES	Ū	01,30232 01	1,3,3010 3,3330213	.5012	0.55	3.33
L0004665	0	0.79623E-04	473808.0 3755899.2	490.3	0.59	5.35
0.55 YES						
L0004666	0	0.79623E-04	473819.3 3755896.9	490.4	0.59	5.35
0.55 YES						
L0004667	0	0.79623E-04	473830.5 3755894.5	490.6	0.59	5.35
0.55 YES						
L0004668	0	0.79623E-04	473841.8 3755892.2	490.8	0.59	5.35
0.55 YES	_					
L0004669	0	0.79623E-04	473853.1 3755889.9	490.9	0.59	5.35
0.55 YES	0	0.706335.04	473064 3 3755007 6	401 1	0 50	г эг
L0004670 0.55 YES	0	0.79623E-04	473864.3 3755887.6	491.1	0.59	5.35
L0004671	0	0.79623E-04	473875.6 3755885.3	491.3	0.59	5.35
0.55 YES	O	0.750256 04	473073.0 3733003.3	401.0	0.55	3.33
L0004672	0	0.79623E-04	473886.9 3755882.9	491.4	0.59	5.35
0.55 YES	Ū	01,30232 01	1,300013 3,3300213	.52.	0.55	3.33
L0004673	0	0.79623E-04	473898.1 3755880.6	491.6	0.59	5.35
0.55 YES						
L0004674	0	0.79623E-04	473909.4 3755878.3	491.8	0.59	5.35
0.55 YES						
L0004675	0	0.79623E-04	473920.7 3755876.0	491.9	0.59	5.35
0.55 YES						
L0004676	0	0.79623E-04	473931.9 3755873.7	492.1	0.59	5.35
0.55 YES	•	. =0.400= 0.4	4=2042 0 2===0=4 2	400 0		
L0004677	0	0.79623E-04	473943.2 3755871.3	492.3	0.59	5.35
0.55 YES L0004678	0	0 706225 04	473954.4 3755869.0	492.4	0.59	5.35
0.55 YES	ь	0./3023E-04	4/3334.4 3/33803.0	434.4	Ø.59	5.33
L0004679	0	0 79623F-01	473965.7 3755866.7	492 6	0.59	5.35
0.55 YES	Ü	5.75025L-04	17555.7 575560.7	<del>-</del> 72.0	0.55	رر. ر
	VERSI	ON 21112 ***	*** 2029 OPERATION	NS - AUTO T	OG	
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PAGE 3

# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER E EMISSION	MISSION RATE			BASE	RELEASE	INIT.
SOURCE		(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
			-				
L0004680 0.55 YES	0 0	.79623E-04	473977.0	3755864.4	492.8	0.59	5.35
L0004681 0.55 YES	0 0	.79623E-04	473988.2	3755862.1	492.9	0.59	5.35
L0004682 0.55 YES	0 0	.79623E-04	473999.5	3755859.7	493.1	0.59	5.35
L0004683 0.55 YES	0 0	.79623E-04	474010.8	3755857.4	493.3	0.59	5.35
L0004684	0 0	.79623E-04	474022.0	3755855.1	493.5	0.59	5.35
0.55 YES L0004685	0 0	.79623E-04	474033.3	3755852.8	493.6	0.59	5.35
0.55 YES L0004686	0 0	.79623E-04	474044.5	3755850.5	493.8	0.59	5.35
0.55 YES L0004687	0 0	.79623E-04	474055.8	3755848.1	494.0	0.59	5.35
0.55 YES L0004688	0 0	.79623E-04	474067.1	3755845.8	494.1	0.59	5.35
0.55 YES L0004689	0 0	.79623E-04	474078.3	3755843.5	494.3	0.59	5.35
0.55 YES L0004690	0 0	.79623E-04	474089.6	3755841.2	494.5	0.59	5.35
0.55 YES L0004691	0 0	.79623E-04	474100.9	3755838.9	494.6	0.59	5.35
0.55 YES L0004692	0 0	.79623E-04	474112.1	3755836.5	494.8	0.59	5.35
0.55 YES L0004693	0 0	.79623E-04	474123.4	3755834.2	495.0	0.59	5.35
0.55 YES L0004694	0 0	).79623E-04	474134.7	3755831.9	495.1	0.59	5.35
0.55 YES L0004695 0.55 YES	0 0	.79623E-04	474145.9	3755829.6	495.3	0.59	5.35

L0004696	0	0.79623E-04	474157.2 3755827.3	495.5	0.59	5.35
0.55 YES L0004697	0	0.79623E-04	474168.4 3755824.9	495.6	0.59	5.35
0.55 YES	0	0.73023L-04	4/4100.4 3/33024.3	400.0	0.55	3.33
L0004698	0	0.79623E-04	474179.7 3755822.6	495.8	0.59	5.35
0.55 YES						
L0004699	0	0.79623E-04	474191.0 3755820.3	496.0	0.59	5.35
0.55 YES						
L0004700	0	0.79623E-04	474202.2 3755818.0	496.1	0.59	5.35
0.55 YES						
L0004701	0	0.79623E-04	474213.5 3755815.7	496.3	0.59	5.35
0.55 YES	_					
L0004702	0	0.79623E-04	474224.8 3755813.3	496.5	0.59	5.35
0.55 YES		. =0.400= 0.4				
L0004703	0	0.79623E-04	474236.0 3755811.0	496.6	0.59	5.35
0.55 YES	0	0.706335.04	474247 2 2755000 7	406.0	0 50	F 3F
L0004704	0	0.79623E-04	474247.3 3755808.7	496.8	0.59	5.35
0.55 YES	0	0.706335.04	474250 6 2755006 4	407.0	0 50	F 2F
L0004705	0	0.79623E-04	474258.6 3755806.4	497.0	0.59	5.35
0.55 YES	0	0.706335.04	474360 0 3755004 1	407.3	0 50	F 2F
L0004706	0	0.79623E-04	474269.8 3755804.1	497.2	0.59	5.35
0.55 YES L0004707	α	0.79623E-04	474281.1 3755801.7	407.2	0.59	5.35
0.55 YES	0	0.79023E-04	4/4281.1 3/33801./	497.3	0.59	5.33
L0004708	0	0.79623E-04	474292.3 3755799.4	497.5	0.59	5.35
0.55 YES	Ø	0.730236-04	4/4292.3 3/33/99.4	457.5	0.33	رد. د
L0004709	0	0.79623E-04	474303.6 3755797.1	497.7	0.59	5.35
0.55 YES	U	0.75025L-04	474303:0 3733737:1	437.7	0.55	3.33
L0004710	0	0.79623E-04	474314.9 3755794.8	497.8	0.59	5.35
0.55 YES	J	0.750252 04	474314.9 3733734.0	457.0	0.55	3.33
L0004711	0	0.79623E-04	474326.1 3755792.5	498.0	0.59	5.35
0.55 YES	Ū	01,70232 01	., .320.1 3,33,32.3	.50.0	0.33	3.33
L0004712	0	0.79623E-04	474337.4 3755790.1	498.2	0.59	5.35
0.55 YES	-					
L0004713	0	0.79623E-04	474348.7 3755787.8	498.3	0.59	5.35
0.55 YES						
L0004714	0	0.79623E-04	474359.9 3755785.5	498.5	0.59	5.35
0.55 YES						
L0004715	0	0.79623E-04	474371.2 3755783.2	498.7	0.59	5.35
0.55 YES						
L0004716	0	0.79623E-04	474382.5 3755780.9	498.8	0.59	5.35
0.55 YES						
L0004717	0	0.79623E-04	474393.7 3755778.5	499.0	0.59	5.35
0.55 YES						
L0004718	0	0.79623E-04	474405.0 3755776.2	499.2	0.59	5.35
0.55 YES						
L0004719	0	0.79623E-04	474416.2 3755773.9	499.3	0.59	5.35
0.55 YES						
★ *** AERMOD -	· VERSIC	N 21112 ***	*** 2029 OPERATION	IS - AUTO 1	ГOG	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004720 0.55 YES	0	0.79623E-04	474427.5	3755771.6	499.5	0.59	5.35
L0004721 0.55 YES	0	0.79623E-04	474438.8	3755769.2	499.7	0.59	5.35
L0004722 0.55 YES	0	0.79623E-04	474450.0	3755766.9	499.8	0.59	5.35
L0004723 0.55 YES	0	0.79623E-04	474461.3	3755764.6	500.0	0.59	5.35
L0004724	0	0.79623E-04	474472.6	3755762.3	500.2	0.59	5.35
L0004725	0	0.79623E-04	474483.8	3755760.0	500.3	0.59	5.35
0.55 YES L0004726	0	0.79623E-04	474495.1	3755757.6	500.5	0.59	5.35
0.55 YES L0004727	0	0.79623E-04	474506.4	3755755.3	500.7	0.59	5.35
0.55 YES L0004728	0	0.79623E-04	474517.6	3755753.0	500.8	0.59	5.35
0.55 YES L0004729	0	0.79623E-04	474528.9	3755750.7	501.0	0.59	5.35
0.55 YES L0004730	0	0.79623E-04	474540.1	3755748.4	501.2	0.59	5.35
0.55 YES L0004731	0	0.79623E-04	474551.4	3755746.0	501.3	0.59	5.35
0.55 YES L0004732	0	0.79623E-04	474562.7	3755743.7	501.5	0.59	5.35
0.55 YES L0004733	0	0.79623E-04	474573.9	3755741.4	501.7	0.59	5.35
0.55 YES L0004734	0	0.79623E-04	474585.2	3755739.1	501.9	0.59	5.35
0.55 YES L0004735	0	0.79623E-04	474596 5	3755736 ×	502.0	0.59	5.35
0.55 YES	J	3.,,J02JL 0 <del>1</del>	., .JJO.J	2, 22, 20.0	302.0	0.33	J.JJ

L0004736	0	0.79623E-04	474607.7 3755734.4	502.2	0.59	5.35
0.55 YES	0	0 706225 04	474610 A 2755722 1	EQ2 4	0 50	5.35
L0004737 0.55 YES	О	0.79623E-04	474619.0 3755732.1	502.4	0.59	5.33
L0004738	0	0.79623E-04	474630.2 3755729.8	502.5	0.59	5.35
0.55 YES	-					
L0004739	0	0.79623E-04	474641.5 3755727.5	502.7	0.59	5.35
0.55 YES						
L0004740	0	0.79623E-04	474652.8 3755725.2	502.9	0.59	5.35
0.55 YES						
L0004741	0	0.79623E-04	474664.0 3755722.8	503.0	0.59	5.35
0.55 YES		0 =0400= 04	4-44 2 2			
L0004742	0	0.79623E-04	474675.3 3755720.5	503.2	0.59	5.35
0.55 YES	0	0 706225 04	474606 6 27FF710 2	EQ2 4	0 50	5.35
L0004743 0.55 YES	0	0.79623E-04	474686.6 3755718.2	503.4	0.59	5.33
L0004744	0	0.79623E-04	474697.8 3755715.9	503.5	0.59	5.35
0.55 YES	O	0.73023L-04	4/405/.0 5/55/15.5	303.3	0.55	5.55
L0004745	0	0.79623E-04	474709.1 3755713.6	503.7	0.59	5.35
0.55 YES	ŭ	01,70232 01	1, 1, 0, 12 3, 3, 1, 1, 1	30317	0.33	3.33
L0004746	0	0.79623E-04	474720.4 3755711.2	503.9	0.59	5.35
0.55 YES						
L0004747	0	0.79623E-04	474731.6 3755708.9	504.0	0.59	5.35
0.55 YES						
L0004748	0	0.79623E-04	474742.9 3755706.6	504.1	0.59	5.35
0.55 YES						
L0004749	0	0.79623E-04	474754.2 3755704.4	504.1	0.59	5.35
0.55 YES	•	0 =0400= 04	4-4-4-			
L0004750	0	0.79623E-04	474765.4 3755702.1	504.1	0.59	5.35
0.55 YES	0	0.79623E-04	474776.7 3755699.9	FQ4 1	0.59	5.35
L0004751 0.55 YES	0	0.790236-04	4/4//0./ 3/33033.9	504.1	0.59	5.33
L0004752	0	0.79623E-04	474788.0 3755697.6	504.1	0.59	5.35
0.55 YES	Ü	0.730232 04	474700.0 3733037.0	304.1	0.33	3.33
L0004753	0	0.79623E-04	474799.3 3755695.4	504.1	0.59	5.35
0.55 YES						
L0004754	0	0.79623E-04	474810.6 3755693.1	504.0	0.59	5.35
0.55 YES						
L0004755	0	0.79623E-04	474821.8 3755690.9	504.0	0.59	5.35
0.55 YES						
L0004756	0	0.79623E-04	474833.1 3755688.6	504.0	0.59	5.35
0.55 YES						
L0004757	0	0.79623E-04	474844.4 3755686.4	504.0	0.59	5.35
0.55 YES	•	0.706335.64	474055 7 3755604 4	504.0	0 50	F 3F
L0004758	0	0./9623E-04	474855.7 3755684.1	504.0	0.59	5.35
0.55 YES	Ω	0 706225 04	474966 0 27FF691 0	E02 0	Q F0	E 2E
L0004759 0.55 YES	0	U./3023E-04	474866.9 3755681.9	503.9	0.59	5.35
	VERST	N 21112 ***	*** 2029 OPERATION	S - ALITO T	ng	
T ALITHUD -	AFIVOT	714	2027 OF LIMITON	5 4010 1	00	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	Х	Υ		HEIGHT	
SZ SOURCE ID (METERS)	CATS.	57.11.1	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		вү 					
L0004760 0.55 YES	0	0.79623E-04	474878.2	3755679.6	503.9	0.59	5.35
L0004761 0.55 YES	0	0.79623E-04	474889.5	3755677.4	503.9	0.59	5.35
L0004762 0.55 YES	0	0.79623E-04	474900.8	3755675.1	503.9	0.59	5.35
L0004763 0.55 YES	0	0.79623E-04	474912.1	3755672.9	503.9	0.59	5.35
L0004764 0.55 YES	0	0.79623E-04	474923.3	3755670.6	503.9	0.59	5.35
L0004765 0.55 YES	0	0.79623E-04	474934.6	3755668.3	503.9	0.59	5.35
L0004766	0	0.79623E-04	474945.9	3755666.1	503.8	0.59	5.35
L0004767	0	0.79623E-04	474957.2	3755663.8	503.8	0.59	5.35
0.55 YES L0004768	0	0.79623E-04	474968.4	3755661.6	503.8	0.59	5.35
0.55 YES L0004769	0	0.79623E-04	474979.7	3755659.3	503.8	0.59	5.35
0.55 YES L0004770	0	0.79623E-04	474991.0	3755657.1	503.8	0.59	5.35
0.55 YES L0004771	0	0.79623E-04	475002.3	3755654.8	503.8	0.59	5.35
0.55 YES L0004772	0	0.79623E-04	475013.5	3755652.6	503.8	0.59	5.35
0.55 YES L0004773	0	0.79623E-04	475024.8	3755650.3	503.7	0.59	5.35
0.55 YES L0004774	0	0.79623E-04	475036.1	3755648.1	503.7	0.59	5.35
0.55 YES L0004775	0	0.79623E-04	475047.4	3755645.8	503.7	0.59	5.35
0.55 YES							

L0004776 0.55 YES	0	0.79623E-04	475058.7 3755643.6	503.7	0.59	5.35
L0004777	0	0.79623E-04	475069.9 3755641.3	503.7	0.59	5.35
0.55 YES L0004778	0	0.79623E-04	475081.2 3755639.1	503.7	0.59	5.35
0.55 YES L0004779	0	0.79623E-04	475092.5 3755636.8	503.6	0.59	5.35
0.55 YES L0004780	0	0.79623E-04	475103.8 3755634.6	503.6	0.59	5.35
0.55 YES L0004781	0	0.79623E-04	475115.0 3755632.3	503.6	0.59	5.35
0.55 YES L0004782	0	0.79623E-04	475126.3 3755630.1	503.6	0.59	5.35
0.55 YES L0004783	0	0.79623E-04	475137.6 3755627.8	503.6	0.59	5.35
0.55 YES L0004784	0	0.79623E-04	475148.9 3755625.6	503.6	0.59	5.35
0.55 YES L0004785	0	0.79623E-04	475160.2 3755623.3	503.6	0.59	5.35
0.55 YES L0004786	0	0.79623E-04	475171.4 3755621.1	503.5	0.59	5.35
0.55 YES L0004787	0	0.79623E-04	475182.7 3755618.8	503.5	0.59	5.35
0.55 YES L0004788	0	0.79623E-04	475194.0 3755616.6	503.5	0.59	5.35
0.55 YES L0004789	0	0.79623E-04	475205.3 3755614.3	503.5	0.59	5.35
0.55 YES L0004790	0	0.79623E-04	475216.7 3755613.1	503.4	0.59	5.35
0.55 YES L0004791	0	0.79623E-04	475228.2 3755612.2	503.4	0.59	5.35
0.55 YES L0004792	0	0.79623E-04	475239.6 3755611.2	503.3	0.59	5.35
0.55 YES						
L0004793 0.55 YES	0	0.79623E-04	475251.1 3755610.3	503.2	0.59	5.35
L0004794 0.55 YES	0		475262.5 3755609.3	503.2		5.35
L0004795 0.55 YES	0		475274.0 3755608.4	503.1	0.59	5.35
L0004796 0.55 YES	0	0.79623E-04	475285.5 3755607.5	503.0	0.59	5.35
L0004797 0.55 YES	0	0.79623E-04	475296.9 3755606.5	503.0	0.59	5.35
L0004798 0.55 YES	0	0.79623E-04	475308.4 3755606.2	502.9	0.59	5.35
L0004799 0.55 YES	0	0.79623E-04	475319.9 3755606.4	502.9	0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	S - AUTO TO	ЭG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN EMISSION RATE SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY  SZ SOURCE SCALAR VARY ID CATS. (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS) BY  L0004800 0 0.79623E-04 475331.4 3755606.6 502.9 0.59 5.35  0.55 YES L0004801 0 0.79623E-04 475342.9 3755606.7 502.9 0.59 5.35  0.55 YES L0004802 0 0.79623E-04 475354.4 3755606.9 502.9 0.59 5.35  0.55 YES L0004803 0 0.79623E-04 475365.9 3755607.1 502.9 0.59 5.35  0.55 YES L0004804 0 0.79623E-04 475377.4 3755607.3 502.9 0.59 5.35  0.55 YES L0004805 0 0.79623E-04 475377.4 3755607.3 502.9 0.59 5.35  0.55 YES L0004806 0 0.79623E-04 475377.4 3755607.3 502.9 0.59 5.35  0.55 YES L0004805 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35  0.55 YES L0004805 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35
SZ SOURCE SCALAR VARY  ID CATS. (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS) BY  L0004800 0 0.79623E-04 475331.4 3755606.6 502.9 0.59 5.35  0.55 YES  L0004801 0 0.79623E-04 475342.9 3755606.7 502.9 0.59 5.35  0.55 YES  L0004802 0 0.79623E-04 475354.4 3755606.9 502.9 0.59 5.35  0.55 YES  L0004803 0 0.79623E-04 475365.9 3755607.1 502.9 0.59 5.35  0.55 YES  L0004804 0 0.79623E-04 475377.4 3755607.3 502.9 0.59 5.35  0.55 YES  L0004805 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35
TD CATS. (METERS) (ME
(METERS)       BY         L0004800       0 0.79623E-04 475331.4 3755606.6 502.9 0.59 5.35         0.55 YES       L0004801 0 0.79623E-04 475342.9 3755606.7 502.9 0.59 5.35         0.55 YES       L0004802 0 0.79623E-04 475354.4 3755606.9 502.9 0.59 5.35         0.55 YES       L0004803 0 0.79623E-04 475365.9 3755607.1 502.9 0.59 5.35         0.55 YES       L0004804 0 0.79623E-04 475377.4 3755607.3 502.9 0.59 5.35         0.55 YES       L0004804 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35
L0004800
L0004800
L0004800
0.55 YES L0004801
L0004801
0.55 YES L0004802
L0004802       0       0.79623E-04       475354.4       3755606.9       502.9       0.59       5.35         0.55       YES         L0004803       0       0.79623E-04       475365.9       3755607.1       502.9       0.59       5.35         0.55       YES         L0004804       0       0.79623E-04       475377.4       3755607.3       502.9       0.59       5.35         0.55       YES         L0004805       0       0.79623E-04       475388.9       3755607.5       502.9       0.59       5.35
0.55 YES L0004803
L0004803
0.55 YES L0004804 0 0.79623E-04 475377.4 3755607.3 502.9 0.59 5.35 0.55 YES L0004805 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35
L0004804       0       0.79623E-04       475377.4       3755607.3       502.9       0.59       5.35         0.55       YES         L0004805       0       0.79623E-04       475388.9       3755607.5       502.9       0.59       5.35
0.55 YES L0004805 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35
L0004805 0 0.79623E-04 475388.9 3755607.5 502.9 0.59 5.35
0 55 VFS
L0004806 0 0.79623E-04 475400.4 3755607.6 502.9 0.59 5.35
0.55 YES
L0004807 0 0.79623E-04 475411.9 3755607.8 502.9 0.59 5.35
0.55 YES
L0004808 0 0.79623E-04 475423.4 3755608.0 502.9 0.59 5.35
0.55 YES
L0004809 0 0.79623E-04 475434.9 3755608.2 502.9 0.59 5.35
0.55 YES L0004810 0 0.79623E-04 475446.4 3755608.4 502.9 0.59 5.35
L0004810 0 0.79623E-04 475446.4 3755608.4 502.9 0.59 5.35 0.55 YES
L0004811 0 0.79623E-04 475457.9 3755608.6 502.9 0.59 5.35
0.55 YES
L0004812 0 0.79623E-04 475469.4 3755608.7 502.9 0.59 5.35
0.55 YES
L0004813 0 0.79623E-04 475480.9 3755608.9 502.9 0.59 5.35
0.55 YES
L0004814 0 0.79623E-04 475492.4 3755609.1 502.9 0.59 5.35
0.55 YES
L0004815 0 0.79623E-04 475503.9 3755609.3 502.9 0.59 5.35
0.55 YES

L0004816 0.55 YES	0	0.79623E-04	475515.4 3755609.5	502.9	0.59	5.35
L0004817 0.55 YES	0	0.79623E-04	475526.9 3755609.6	502.9	0.59	5.35
L0004818 0.55 YES	0	0.79623E-04	475538.4 3755609.8	502.9	0.59	5.35
L0004819 0.55 YES	0	0.79623E-04	475549.9 3755610.0	502.9	0.59	5.35
L0004820 0.55 YES	0	0.79623E-04	475561.4 3755610.2	502.9	0.59	5.35
L0004821 0.55 YES	0	0.79623E-04	475572.9 3755610.4	502.9	0.59	5.35
L0004822 0.55 YES	0	0.79623E-04	475584.4 3755610.5	502.9	0.59	5.35
L0004823 0.55 YES	0	0.79623E-04	475595.9 3755610.7	502.9	0.59	5.35
L0004824 0.55 YES	0	0.79623E-04	475607.4 3755610.9	502.9	0.59	5.35
L0004825 0.55 YES	0	0.79623E-04	475618.9 3755611.1	502.9	0.59	5.35
L0004826 0.55 YES	0	0.79623E-04	475630.4 3755611.3	502.8	0.59	5.35
L0004827 0.55 YES	0	0.79623E-04	475641.9 3755611.5	502.8	0.59	5.35
L0004828 0.55 YES	0	0.79623E-04	475653.4 3755611.6	502.8	0.59	5.35
L0004829 0.55 YES	0	0.79623E-04	475664.9 3755611.8	502.8	0.59	5.35
L0004830 0.55 YES	0	0.79623E-04	475676.4 3755612.0	502.8	0.59	5.35
L0004831 0.55 YES	0	0.79623E-04	475687.9 3755612.2	502.8	0.59	5.35
L0004832 0.55 YES	0	0.79623E-04	475699.4 3755612.4	502.8	0.59	5.35
L0004833 0.55 YES	0	0.79623E-04	475710.9 3755612.5	502.8	0.59	5.35
L0004834 0.55 YES	0	0.79623E-04	475722.3 3755612.7	502.8	0.59	5.35
L0004835 0.55 YES	0	0.79623E-04	475733.8 3755612.9	502.8	0.59	5.35
L0004836 0.55 YES	0	0.79623E-04	475745.3 3755613.1	502.8	0.59	5.35
L0004837 0.55 YES	0	0.79623E-04	475756.8 3755613.3	502.8	0.59	5.35
L0004838 0.55 YES	0	0.79623E-04	475768.3 3755613.5	502.8	0.59	5.35
L0004839 0.55 YES	0	0.79623E-04	475779.8 3755613.6		0.59	5.35
↑ *** AERMOD	- VERSI	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	S - AUTO TO	ЭG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	Х	Υ		HEIGHT	SY
SZ SOURCE ID (METERS)	CATS.	RV	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004840 0.55 YES	0	0.79623E-04	475791.3	3755613.8	502.8	0.59	5.35
L0004841 0.55 YES	0	0.79623E-04	475802.8	3755614.0	502.8	0.59	5.35
L0004842 0.55 YES	0	0.79623E-04	475814.3	3755614.2	502.8	0.59	5.35
L0004843 0.55 YES	0	0.79623E-04	475825.8	3755614.4	502.8	0.59	5.35
L0004844	0	0.79623E-04	475837.3	3755614.5	502.8	0.59	5.35
L0004845	0	0.79623E-04	475848.8	3755614.7	502.8	0.59	5.35
0.55 YES L0004846	0	0.79623E-04	475860.3	3755614.9	502.8	0.59	5.35
0.55 YES L0004847	0	0.79623E-04	475871.8	3755615.1	502.8	0.59	5.35
0.55 YES L0004848	0	0.79623E-04	475883.3	3755615.3	502.8	0.59	5.35
0.55 YES L0004849	0	0.79623E-04	475894.8	3755615.5	502.8	0.59	5.35
0.55 YES L0004850	0	0.79623E-04	475906.3	3755615.6	502.8	0.59	5.35
0.55 YES L0004851	0	0.79623E-04	475917.8	3755615.8	502.8	0.59	5.35
0.55 YES L0004852	0	0.79623E-04	475929.3	3755616.0	502.8	0.59	5.35
0.55 YES L0004853	0	0.79623E-04	475940.8	3755616.2	502.7	0.59	5.35
0.55 YES L0004854	0	0.79623E-04	475952.3	3755616.4	502.7	0.59	5.35
0.55 YES L0004855	0	0.79623E-04	475963.8	3755616.5	502.7	0.59	5.35
0.55 YES							

L0004856 0.55 YES	0	0.79623E-04	475975.3 3755616.7	502.7	0.59	5.35
L0004857 0.55 YES	0	0.79623E-04	475986.8 3755616.9	502.7	0.59	5.35
L0004858 0.55 YES	0	0.79623E-04	475998.3 3755617.1	502.7	0.59	5.35
L0004859 0.55 YES	0	0.79623E-04	476009.8 3755617.3	502.7	0.59	5.35
L0004860 0.55 YES	0	0.79623E-04	476021.3 3755617.5	502.7	0.59	5.35
L0004861 0.55 YES	0	0.79623E-04	476032.8 3755617.6	502.7	0.59	5.35
L0004862 0.55 YES	0	0.79623E-04	476044.3 3755617.8	502.7	0.59	5.35
L0004863 0.55 YES	0	0.79623E-04	476055.8 3755618.0	502.7	0.59	5.35
L0004864 0.55 YES	0	0.79623E-04	476067.3 3755618.2	502.7	0.59	5.35
L0004865 0.55 YES	0	0.79623E-04	476078.8 3755618.4	502.7	0.59	5.35
L0004866 0.55 YES	0	0.79623E-04	476090.3 3755618.5	502.7	0.59	5.35
L0004867 0.55 YES	0	0.79623E-04	476101.8 3755618.7	502.7	0.59	5.35
L0004868 0.55 YES	0	0.79623E-04	476113.3 3755618.9	502.7	0.59	5.35
L0004869 0.55 YES	0	0.79623E-04	476124.8 3755619.1	502.7	0.59	5.35
L0004870 0.55 YES	0	0.79623E-04	476136.3 3755619.3	502.7	0.59	5.35
L0004871 0.55 YES	0	0.79623E-04	476147.8 3755619.5	502.7	0.59	5.35
L0004872 0.55 YES	0	0.79623E-04	476159.3 3755619.6	502.7	0.59	5.35
L0004873 0.55 YES	0	0.79623E-04	476170.8 3755619.8	502.7	0.59	5.35
L0004874 0.55 YES	0		476182.3 3755620.0			5.35
L0004875 0.55 YES	0		476193.8 3755620.2		0.59	5.35
L0004876 0.55 YES	0		476205.3 3755620.4	502.7	0.59	5.35
L0004877 0.55 YES	0		476216.8 3755620.5	502.7	0.59	5.35
L0004878 0.55 YES	0		476228.3 3755620.7		0.59	5.35
L0004879 0.55 YES ↑ *** AERMOD	0 VERST		476239.8 3755620.9		0.59	5.35
T ··· AEKMUU	- NEK2T(	***	*** 2029 OPERATION 04/06/22	S - AUIU I	od	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMISSI	EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0004880 0.55 YES	0	0.79623E-04	476251.3	3755621.1	502.6	0.59	5.35
L0004881 0.55 YES	0	0.79623E-04	476262.8	3755621.3	502.6	0.59	5.35
L0004882 0.55 YES	0	0.79623E-04	476274.3	3755621.5	502.6	0.59	5.35
L0004883 0.55 YES	0	0.79623E-04	476285.8	3755621.6	502.6	0.59	5.35
L0004884 0.55 YES	0	0.79623E-04	476297.3	3755621.8	502.6	0.59	5.35
L0004885 0.55 YES	0	0.79623E-04	476308.8	3755622.0	502.6	0.59	5.35
L0004886 0.55 YES	0	0.79623E-04	476320.3	3755622.2	502.6	0.59	5.35
L0004887 0.55 YES	0	0.79623E-04	476331.8	3755622.4	502.6	0.59	5.35
L0004888 0.55 YES	0	0.79623E-04	476343.3	3755622.5	502.6	0.59	5.35
L0004889 0.55 YES	0	0.79623E-04	476354.8	3755622.7	502.6	0.59	5.35
L0004890 0.55 YES	0	0.79623E-04	476366.3	3755622.9	502.6	0.59	5.35
L0004891 0.55 YES	0	0.79623E-04	476377.8	3755623.1	502.6	0.59	5.35
L0004892 0.55 YES	0	0.79623E-04	476389.3	3755623.3	502.6	0.59	5.35
L0004893 0.55 YES	0	0.79623E-04	476400.8	3755623.5	502.6	0.59	5.35
L0004894 0.55 YES	0	0.79623E-04	476412.3	3755623.6	502.6	0.59	5.35
L0004895 0.55 YES	0	0.79623E-04	476423.8	3755623.8	502.6	0.59	5.35

L0004896 0.55 YES	0	0.79623E-04	476435.3 3755624.0	502.6	0.59	5.35
L0004897	0	0.79623E-04	476446.8 3755624.2	502.6	0.59	5.35
0.55 YES L0004898	0	0.79623E-04	476458.3 3755624.4	502.6	0.59	5.35
0.55 YES L0004899	0	0.79623E-04	476469.8 3755624.5	502.6	0.59	5.35
0.55 YES L0004900	0	0.79623E-04	476481.3 3755624.7	502.6	0.59	5.35
0.55 YES L0004901	0	0.79623E-04	476492.8 3755624.9	502.6	0.59	5.35
0.55 YES L0004902	0	0.79623E-04	476504.3 3755625.1	502.6	0.59	5.35
0.55 YES L0004903	0	0.79623E-04	476515.8 3755625.3	502.6	0.59	5.35
0.55 YES L0004904	0	0.79623E-04	476527.2 3755625.5	502.6	0.59	5.35
0.55 YES L0004905	0	0.79924E-04	476516.0 3755644.4	502.5	0.59	5.35
0.55 YES L0004906	0	0.79924E-04	476504.5 3755644.2	502.5	0.59	5.35
0.55 YES L0004907	0	0.79924E-04	476493.0 3755644.0	502.5	0.59	5.35
0.55 YES L0004908	0	0.79924E-04	476481.5 3755643.8	502.5	0.59	5.35
0.55 YES L0004909	0	0.79924E-04	476470.0 3755643.5	502.5	0.59	5.35
0.55 YES L0004910	0	0.79924E-04	476458.5 3755643.3	502.5	0.59	5.35
0.55 YES L0004911	0	0.79924E-04	476447.1 3755643.1	502.5	0.59	5.35
0.55 YES L0004912	0	0.79924E-04	476435.6 3755642.9	502.5	0.59	5.35
0.55 YES L0004913	0	0.79924E-04	476424.1 3755642.6	502.5	0.59	5.35
0.55 YES L0004914	0		476412.6 3755642.4			5.35
0.55 YES L0004915	0		476401.1 3755642.2		0.59	5.35
0.55 YES						
L0004916 0.55 YES	0		476389.6 3755642.0	502.6	0.59	5.35
L0004917 0.55 YES	0		476378.1 3755641.7	502.6	0.59	5.35
L0004918 0.55 YES	0		476366.6 3755641.5	502.6	0.59	5.35
L0004919 0.55 YES	0		476355.1 3755641.3		0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	S - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT ON RATE	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)						•	
	<b></b>						
			_				
L0004920	0	0.79924E-04	476343.6	3755641.1	502.6	0.59	5.35
0.55 YES			4=4000 4	2===44			
L0004921	0	0.79924E-04	476332.1	3755640.8	502.6	0.59	5.35
0.55 YES L0004922	0	0.79924E-04	476320 6	3755640 6	502.6	0.59	5.35
0.55 YES	O	0.755246 04	470320.0	3733040.0	302.0	0.55	J. JJ
L0004923	0	0.79924E-04	476309.1	3755640.4	502.6	0.59	5.35
0.55 YES							
L0004924	0	0.79924E-04	476297.6	3755640.2	502.6	0.59	5.35
0.55 YES							
L0004925	0	0.79924E-04	476286.1	3755639.9	502.6	0.59	5.35
0.55 YES L0004926	0	0.79924E-04	476274 6	2755620 7	F02 6	0.50	5.35
0.55 YES	0	0.79924E-04	4/62/4.6	3/33039./	502.6	0.59	3.33
L0004927	0	0.79924E-04	476263.1	3755639.5	502.6	0.59	5.35
0.55 YES	ŭ	01,732.2	., 0203.12	3,33033,3	302.0	0.33	3.33
L0004928	0	0.79924E-04	476251.6	3755639.3	502.6	0.59	5.35
0.55 YES							
L0004929	0	0.79924E-04	476240.1	3755639.1	502.6	0.59	5.35
0.55 YES	•	0 700045 04	476222	2755620	<b>500</b> 6	0 50	F 25
L0004930 0.55 YES	0	0.79924E-04	4/6228.6	3755638.8	502.6	0.59	5.35
L0004931	0	0.79924E-04	476217 1	3755638.6	502.6	0.59	5.35
0.55 YES	Ü	0.733242 04	470217.1	3733030.0	302.0	0.33	3.33
L0004932	0	0.79924E-04	476205.6	3755638.4	502.6	0.59	5.35
0.55 YES							
L0004933	0	0.79924E-04	476194.1	3755638.2	502.6	0.59	5.35
0.55 YES	_	0 =000:	484455		<b>=0</b> 5 5		
L0004934	0	0.79924E-04	476182.6	3755637.9	502.6	0.59	5.35
0.55 YES L0004935	0	0.79924E-04	<i>1</i> 76171 1	3755637 7	502.7	0.59	5.35
0.55 YES	Ð	0./JJZ4L-04	7/01/1.1	1.10001.1	302.7	0.00	ر د . ر
0.55							

L0004936	0	0.79924E-04	476159.6 3755637.5	502.7	0.59	5.35
0.55 YES L0004937	0	0.79924E-04	476148.1 3755637.3	502.7	0.59	5.35
0.55 YES	Ø	0.799246-04	4/0140.1 3/3303/.3	302.7	0.59	3.33
L0004938	0	0.79924E-04	476136.6 3755637.0	502.7	0.59	5.35
0.55 YES	•	01/22212 01	., 0_5010 5,5505,10	50_0.	0.00	5155
L0004939	0	0.79924E-04	476125.1 3755636.8	502.7	0.59	5.35
0.55 YES						
L0004940	0	0.79924E-04	476113.6 3755636.6	502.7	0.59	5.35
0.55 YES						
L0004941	0	0.79924E-04	476102.1 3755636.4	502.7	0.59	5.35
0.55 YES						
L0004942	0	0.79924E-04	476090.6 3755636.1	502.7	0.59	5.35
0.55 YES	0	0.700245.04	476070 4 2755625 0	F02 7	0 50	F 2F
L0004943 0.55 YES	0	0.79924E-04	476079.1 3755635.9	502.7	0.59	5.35
L0004944	0	0.79924E-04	476067.6 3755635.7	502.7	0.59	5.35
0.55 YES	v	0.733246-04	4/000/.0 3/3333./	302.7	0.33	3.33
L0004945	0	0.79924E-04	476056.1 3755635.5	502.7	0.59	5.35
0.55 YES	Ū	0.733212 01	170030.1 3733033.3	302.7	0.33	3.33
L0004946	0	0.79924E-04	476044.6 3755635.2	502.7	0.59	5.35
0.55 YES						
L0004947	0	0.79924E-04	476033.1 3755635.0	502.7	0.59	5.35
0.55 YES						
L0004948	0	0.79924E-04	476021.6 3755634.8	502.7	0.59	5.35
0.55 YES						
L0004949	0	0.79924E-04	476010.1 3755634.6	502.7	0.59	5.35
0.55 YES						
L0004950	0	0.79924E-04	475998.6 3755634.3	502.7	0.59	5.35
0.55 YES	0	0 700245 04	475007 4 2755624 4	502.7	0 50	F 2F
L0004951	0	0.79924E-04	475987.1 3755634.1	502.7	0.59	5.35
0.55 YES L0004952	0	0.79924E-04	475975.6 3755633.9	502.7	0.59	5.35
0.55 YES	О	0.799246-04	4/39/3.0 3/33033.9	302.7	0.59	3.33
L0004953	0	0.79924E-04	475964.1 3755633.7	502.7	0.59	5.35
0.55 YES	Ü	0.733242 04	473304.1 3733033.7	302.7	0.55	3.33
L0004954	0	0.79924E-04	475952.6 3755633.4	502.7	0.59	5.35
0.55 YES						
L0004955	0	0.79924E-04	475941.1 3755633.2	502.8	0.59	5.35
0.55 YES						
L0004956	0	0.79924E-04	475929.6 3755633.0	502.8	0.59	5.35
0.55 YES						
L0004957	0	0.79924E-04	475918.2 3755632.8	502.8	0.59	5.35
0.55 YES	_	0 =000:- ::	488004 8 55555			
L0004958	0	0.79924E-04	475906.7 3755632.6	502.8	0.59	5.35
0.55 YES	^	0.700045.01	47F00F 2 27F5622 2	F02 C	0 50	F 35
L0004959	0	0./9924E-04	475895.2 3755632.3	502.8	0.59	5.35
0.55 YES	VEDCT	าท ว111ว ***	*** 2029 OPERATION	IC ALITO T	.oc	
AEKMUD -	AEK2T(	JIN ZITIZ AAA	ZOZO UPEKATIU	I DIUA - CI	UG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004960 0.55 YES	0	0.79924E-04	475883.7	3755632.1	502.8	0.59	5.35
L0004961 0.55 YES	0	0.79924E-04	475872.2	3755631.9	502.8	0.59	5.35
L0004962 0.55 YES	0	0.79924E-04	475860.7	3755631.7	502.8	0.59	5.35
L0004963 0.55 YES	0	0.79924E-04	475849.2	3755631.4	502.8	0.59	5.35
L0004964 0.55 YES	0	0.79924E-04	475837.7	3755631.2	502.8	0.59	5.35
L0004965 0.55 YES	0	0.79924E-04	475826.2	3755631.0	502.8	0.59	5.35
L0004966 0.55 YES	0	0.79924E-04	475814.7	3755630.8	502.8	0.59	5.35
L0004967 0.55 YES	0	0.79924E-04	475803.2	3755630.5	502.8	0.59	5.35
L0004968 0.55 YES	0	0.79924E-04	475791.7	3755630.3	502.8	0.59	5.35
L0004969 0.55 YES	0	0.79924E-04	475780.2	3755630.1	502.8	0.59	5.35
L0004970 0.55 YES	0	0.79924E-04	475768.7	3755629.9	502.8	0.59	5.35
L0004971 0.55 YES	0	0.79924E-04	475757.2	3755629.6	502.8	0.59	5.35
L0004972	0	0.79924E-04	475745.7	3755629.4	502.8	0.59	5.35
0.55 YES L0004973	0	0.79924E-04	475734.2	3755629.2	502.8	0.59	5.35
0.55 YES L0004974	0	0.79924E-04	475722.7	3755629.0	502.9	0.59	5.35
0.55 YES L0004975 0.55 YES	0	0.79924E-04	475711.2	3755628.7	502.9	0.59	5.35

L0004976 0.55 YES	0	0.79924E-04	475699.7 3755628.5	502.9	0.59	5.35
L0004977	0	0.79924E-04	475688.2 3755628.3	502.9	0.59	5.35
0.55 YES L0004978	0	0.79924E-04	475676.7 3755628.1	502.9	0.59	5.35
0.55 YES L0004979	0	0.79924E-04	475665.2 3755627.8	502.9	0.59	5.35
0.55 YES L0004980	0	0.79924E-04	475653.7 3755627.6	502.9	0.59	5.35
0.55 YES L0004981	0	0.79924E-04	475642.2 3755627.4	502.9	0.59	5.35
0.55 YES L0004982	0	0.79924E-04	475630.7 3755627.2	502.9	0.59	5.35
0.55 YES L0004983	0	0.79924E-04	475619.2 3755627.0	502.9	0.59	5.35
0.55 YES L0004984	0	0.79924E-04	475607.7 3755626.7	502.9	0.59	5.35
0.55 YES L0004985	0	0.79924E-04	475596.2 3755626.5	502.9	0.59	5.35
0.55 YES L0004986	0	0.79924E-04	475584.7 3755626.3	502.9	0.59	5.35
0.55 YES L0004987	0	0.79924E-04	475573.2 3755626.1	502.9	0.59	5.35
0.55 YES L0004988	0	0.79924E-04	475561.7 3755625.8	502.9	0.59	5.35
0.55 YES L0004989	0	0.79924E-04	475550.2 3755625.6	502.9	0.59	5.35
0.55 YES L0004990	0	0.79924E-04	475538.7 3755625.4	502.9	0.59	5.35
0.55 YES L0004991	0	0.79924E-04	475527.2 3755625.2	502.9	0.59	5.35
0.55 YES L0004992	0	0.79924E-04	475515.7 3755624.9	502.9	0.59	5.35
0.55 YES L0004993	0	0.79924E-04	475504.2 3755624.7	502.9	0.59	5.35
0.55 YES L0004994	0		475492.7 3755624.5		0.59	5.35
0.55 YES	-					
L0004995 0.55 YES	0		475481.2 3755624.3	503.0	0.59	5.35
L0004996 0.55 YES	0		475469.7 3755624.0	503.0	0.59	5.35
L0004997 0.55 YES	0	0.79924E-04	475458.2 3755623.8	503.0	0.59	5.35
L0004998 0.55 YES	0	0.79924E-04	475446.7 3755623.6	503.0	0.59	5.35
L0004999 0.55 YES	0	0.79924E-04	475435.2 3755623.4	503.0	0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	S - AUTO TO	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

NUMBER EMISSION RATE BASE RELEASE INIT. URBAN EMISSION RATE	INIT.
SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT	
SZ SOURCE SCALAR VARY  ID CATS. (METERS) (METERS) (METERS)  (METERS) BY	(METERS)
(METERS) BY	
L0005000 0 0.79924E-04 475423.7 3755623.1 503.0 0.59	5.35
0.55 YES	
L0005001 0 0.79924E-04 475412.2 3755622.9 503.0 0.59	5.35
0.55 YES	F 2F
L0005002 0 0.79924E-04 475400.8 3755623.0 503.0 0.59 0.55 YES	5.35
L0005003 0 0.79924E-04 475389.3 3755623.4 503.2 0.59	5.35
0.55 YES	3.33
L0005004 0 0.79924E-04 475377.8 3755623.9 503.3 0.59	5.35
0.55 YES	
L0005005 0 0.79924E-04 475366.3 3755624.3 503.4 0.59	5.35
0.55 YES	
L0005006 0 0.79924E-04 475354.8 3755624.8 503.5 0.59	5.35
0.55 YES	
L0005007 0 0.79924E-04 475343.3 3755625.2 503.6 0.59	5.35
0.55 YES L0005008 0 0.79924E-04 475331.8 3755625.6 503.7 0.59	5.35
0.55 YES	5.55
L0005009 0 0.79924E-04 475320.3 3755626.1 503.9 0.59	5.35
0.55 YES	3.33
L0005010 0 0.79924E-04 475308.8 3755626.5 504.0 0.59	5.35
0.55 YES	
L0005011 0 0.79924E-04 475297.3 3755627.0 504.1 0.59	5.35
0.55 YES	
L0005012 0 0.79924E-04 475285.8 3755627.4 504.2 0.59	5.35
0.55 YES	F 3F
L0005013 0 0.79924E-04 475274.4 3755628.4 504.2 0.59	5.35
0.55 YES L0005014 0 0.79924E-04 475262.9 3755629.6 504.3 0.59	5.35
0.55 YES	3.33
L0005015 0 0.79924E-04 475251.5 3755630.8 504.3 0.59	5.35
0.55 YES	

L0005016 0.55 YES	0	0.79924E-04	475240.1 3755632.0	504.3	0.59	5.35
L0005017	0	0.79924E-04	475228.6 3755633.2	504.3	0.59	5.35
0.55 YES L0005018	0	0.79924E-04	475217.2 3755634.5	504.4	0.59	5.35
0.55 YES L0005019	0	0.79924E-04	475205.8 3755635.7	504.4	0.59	5.35
0.55 YES L0005020	0	0.79924E-04	475194.3 3755636.9	504.4	0.59	5.35
0.55 YES L0005021	0	0.79924E-04	475182.9 3755638.1	504.4	0.59	5.35
0.55 YES L0005022	0	0.79924E-04	475171.5 3755639.3	504.4	0.59	5.35
0.55 YES L0005023	0	0.79924E-04	475160.0 3755640.6	504.5	0.59	5.35
0.55 YES L0005024	0	0.79924E-04	475148.6 3755641.9	504.5	0.59	5.35
0.55 YES L0005025	0	0.79924E-04	475137.4 3755644.3	504.4	0.59	5.35
0.55 YES L0005026	0	0.79924E-04	475126.1 3755646.7	504.3	0.59	5.35
0.55 YES L0005027	0	0.79924E-04	475114.9 3755649.1	504.3	0.59	5.35
0.55 YES L0005028	0	0.79924E-04	475103.6 3755651.4	504.2	0.59	5.35
0.55 YES L0005029	0	0.79924E-04	475092.4 3755653.8	504.1	0.59	5.35
0.55 YES L0005030	0	0.79924E-04	475081.1 3755656.2	504.1	0.59	5.35
0.55 YES L0005031	0	0.79924E-04	475069.9 3755658.6	504.0	0.59	5.35
0.55 YES L0005032	0	0.79924E-04	475058.6 3755660.9	503.9	0.59	5.35
0.55 YES L0005033	0	0.79924E-04	475047.3 3755663.3	503.9	0.59	5.35
0.55 YES L0005034	0		475036.1 3755665.7		0.59	5.35
0.55 YES L0005035	0		475024.8 3755668.1	503.7	0.59	5.35
0.55 YES						
L0005036 0.55 YES	0		475013.6 3755670.4	503.7	0.59	5.35
L0005037 0.55 YES	0		475002.3 3755672.8	503.6	0.59	5.35
L0005038 0.55 YES	0		474991.1 3755675.2	503.5	0.59	5.35
L0005039 0.55 YES	0		474979.8 3755677.5		0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	S - AUTO T	0G	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.	
SOURCE	PART.	(GRAMS/SEC)				HEIGHT		
SZ SOURCE ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY	, ,	, ,	,	,	,	
L0005040	0	0.79924E-04	474968.6	3755679.9	503.4	0.59	5.35	
0.55 YES		. =		.===				
L0005041	0	0.79924E-04	474957.3	3755682.3	503.3	0.59	5.35	
0.55 YES L0005042	0	0.79924E-04	171016 1	2755694 7	503.2	0.59	5.35	
0.55 YES	U	0.799246-04	4/4940.1	3/33004./	303.2	0.33	5.55	
L0005043	0	0.79924E-04	474934.8	3755687.0	503.2	0.59	5.35	
0.55 YES	ŭ	01/33212 01	., .,,	3,3300,10	30312	0.33	3.33	
L0005044	0	0.79924E-04	474923.6	3755689.4	503.1	0.59	5.35	
0.55 YES								
L0005045	0	0.79924E-04	474912.3	3755691.8	503.0	0.59	5.35	
0.55 YES								
L0005046	0	0.79924E-04	474901.1	3755694.2	503.0	0.59	5.35	
0.55 YES								
L0005047	0	0.79924E-04	474889.8	3755696.5	502.9	0.59	5.35	
0.55 YES	0	0.700245.04	474070 6	2755600 0	F02 0	0.50	F 2F	
L0005048 0.55 YES	0	0.79924E-04	4/48/8.6	3/55698.9	502.8	0.59	5.35	
L0005049	0	0.79924E-04	<i>474</i> 867 3	3755701 3	502.8	0.59	5.35	
0.55 YES	O	0.733246-04	474807.3	3/33/01.3	302.0	0.55	9.33	
L0005050	0	0.79924E-04	474856.1	3755703.7	502.7	0.59	5.35	
0.55 YES								
L0005051	0	0.79924E-04	474844.8	3755706.0	502.6	0.59	5.35	
0.55 YES								
L0005052	0	0.79924E-04	474833.6	3755708.4	502.5	0.59	5.35	
0.55 YES								
L0005053	0	0.79924E-04	474822.3	3755710.8	502.5	0.59	5.35	
0.55 YES	•	0 700045 04	474044 4	2755742 2	F00 4	0.50	F 25	
L0005054	0	0.79924E-04	4/4811.1	3/55/13.2	502.4	0.59	5.35	
0.55 YES L0005055	0	0.79924E-04	/7/700 °	2755715 5	502.3	0.59	5.35	
0.55 YES	v	0./3324E-04	7/4/33.0	2,72,1CC,1C	202.3	0.33	رد.ر	

L0005056 0.55 YES	0	0.79924E-04	474788.5 3755717.9	502.3	0.59	5.35
L0005057 0.55 YES	0	0.79924E-04	474777.3 3755720.3	502.2	0.59	5.35
L0005058 0.55 YES	0	0.79924E-04	474766.0 3755722.7	502.1	0.59	5.35
L0005059 0.55 YES	0	0.79924E-04	474754.8 3755725.0	502.1	0.59	5.35
L0005060 0.55 YES	0	0.79924E-04	474743.5 3755727.4	502.0	0.59	5.35
L0005061 0.55 YES	0	0.79924E-04	474732.3 3755729.8	501.9	0.59	5.35
L0005062 0.55 YES	0	0.79924E-04	474721.0 3755732.2	501.9	0.59	5.35
L0005063 0.55 YES	0	0.79924E-04	474709.8 3755734.5	501.8	0.59	5.35
L0005064 0.55 YES	0	0.79924E-04	474698.5 3755736.9	501.7	0.59	5.35
L0005065 0.55 YES	0	0.79924E-04	474687.3 3755739.3	501.7	0.59	5.35
L0005066 0.55 YES	0	0.79924E-04	474676.0 3755741.7	501.6	0.59	5.35
L0005067 0.55 YES	0	0.79924E-04	474664.8 3755744.0	501.5	0.59	5.35
L0005068 0.55 YES	0	0.79924E-04	474653.5 3755746.4	501.4	0.59	5.35
L0005069 0.55 YES	0	0.79924E-04	474642.3 3755748.8	501.4	0.59	5.35
L0005070 0.55 YES	0	0.79924E-04	474631.0 3755751.2	501.3	0.59	5.35
L0005071 0.55 YES	0	0.79924E-04	474619.8 3755753.5	501.2	0.59	5.35
L0005072 0.55 YES	0	0.79924E-04	474608.5 3755755.9	501.2	0.59	5.35
L0005073 0.55 YES	0	0.79924E-04	474597.3 3755758.3	501.1	0.59	5.35
L0005074 0.55 YES	0	0.79924E-04	474586.0 3755760.7	501.0	0.59	5.35
L0005075 0.55 YES	0	0.79924E-04	474574.8 3755763.0	501.0	0.59	5.35
L0005076 0.55 YES	0	0.79924E-04	474563.5 3755765.4	500.9	0.59	5.35
L0005077 0.55 YES	0	0.79924E-04	474552.3 3755767.8	500.8	0.59	5.35
L0005078 0.55 YES	0	0.79924E-04	474541.0 3755770.2	500.8	0.59	5.35
L0005079 0.55 YES	0	0.79924E-04	474529.7 3755772.5	500.7	0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	NS - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RATE	≣		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
JD JOURCE	CATS.	VANT	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	ı	RV				()	()
L0005080	0 (	0.79924E-04	474518.5	3755774.9	500.6	0.59	5.35
0.55 YES							
L0005081	0 (	0.79924E-04	474507.2	3755777.3	500.6	0.59	5.35
0.55 YES L0005082	0 (	0.79924E-04	171106 Q	2755770 7	500.5	0.59	5.35
0.55 YES	6 (	0./99246-04	4/4450.0	3/33//3./	200.3	0.33	3.33
L0005083	0 (	0.79924E-04	474484.7	3755782.0	500.4	0.59	5.35
0.55 YES							
L0005084	0 (	0.79924E-04	474473.5	3755784.4	500.3	0.59	5.35
0.55 YES							
L0005085	0 (	0.79924E-04	474462.2	3755786.8	500.3	0.59	5.35
0.55 YES		0 700045 04	474454 0	2755700 4	F00 0	0 50	- 2-
L0005086 0.55 YES	0 (	0.79924E-04	4/4451.0	3/55/89.1	500.2	0.59	5.35
L0005087	0 (	0.79924E-04	171130 7	2755701 5	500.1	0.59	5.35
0.55 YES	0 (	0.79924L-04	4/4433.7	3/33/91.3	300.1	0.33	3.33
L0005088	0 (	0.79924E-04	474428.5	3755793.9	500.1	0.59	5.35
0.55 YES							
L0005089	0 (	0.79924E-04	474417.2	3755796.3	500.0	0.59	5.35
0.55 YES							
L0005090	0 (	0.79924E-04	474406.0	3755798.6	499.9	0.59	5.35
0.55 YES	0 (	0 700245 04	474204 7	2755001 0	400.0	0 50	F 2F
L0005091 0.55 YES	0 (	0.79924E-04	4/4394./	3/55801.0	499.9	0.59	5.35
	0 (	0.79924E-04	<i>474</i> 383 5	3755803 4	/199 X	0.59	5.35
0.55 YES	0 (	0.733246 04	T/TJ0J.J	3733003.4	400.0	0.55	3.33
L0005093	0 (	0.79924E-04	474372.2	3755805.8	499.7	0.59	5.35
0.55 YES							
L0005094	0 (	0.79924E-04	474361.0	3755808.1	499.7	0.59	5.35
0.55 YES							
L0005095	0 (	0.79924E-04	474349.7	3755810.5	499.6	0.59	5.35
0.55 YES							

	35
0.55 YES	
L0005097 0 0.79924E-04 474327.2 3755815.3 499.4 0.59 5.3	35
0.55 YES	
L0005098 0 0.79924E-04 474316.0 3755817.6 499.4 0.59 5.3	35
0.55 YES	٥-
L0005099 0 0.79924E-04 474304.7 3755820.0 499.3 0.59 5.3	35
0.55 YES	
L0005100 0 0.79924E-04 474293.5 3755822.4 499.2 0.59 5.3	35
0.55 YES	
L0005101 0 0.79924E-04 474282.2 3755824.8 499.2 0.59 5.3	35
0.55 YES	
L0005102 0 0.79924E-04 474270.9 3755827.1 499.1 0.59 5.3	35
0.55 YES	
L0005103 0 0.79924E-04 474259.7 3755829.5 499.0 0.59 5.3	35
0.55 YES	
L0005104 0 0.79924E-04 474248.4 3755831.9 499.0 0.59 5.3	35
0.55 YES	
L0005105 0 0.79924E-04 474237.2 3755834.3 498.9 0.59 5.3	35
0.55 YES	
L0005106 0 0.79924E-04 474225.9 3755836.6 498.8 0.59 5.3	35
0.55 YES	
L0005107 0 0.79924E-04 474214.7 3755839.0 498.8 0.59 5.3	35
0.55 YES	
L0005108 0 0.79924E-04 474203.4 3755841.4 498.6 0.59 5.3	35
0.55 YES	
L0005109 0 0.79924E-04 474192.2 3755843.7 498.3 0.59 5.3	35
0.55 YES	
L0005110 0 0.79924E-04 474180.9 3755846.0 498.1 0.59 5.3	35
0.55 YES	
L0005111 0 0.79924E-04 474169.6 3755848.4 497.9 0.59 5.3	35
0.55 YES	
L0005112 0 0.79924E-04 474158.4 3755850.7 497.7 0.59 5.3	35
0.55 YES	
L0005113 0 0.79924E-04 474147.1 3755853.1 497.5 0.59 5.3	35
0.55 YES	
L0005114 0 0.79924E-04 474135.9 3755855.4 497.3 0.59 5.3	35
0.55 YES	
L0005115 0 0.79924E-04 474124.6 3755857.7 497.1 0.59 5.3	35
0.55 YES	
L0005116 0 0.79924E-04 474113.4 3755860.1 496.9 0.59 5.3	35
0.55 YES	
L0005117 0 0.79924E-04 474102.1 3755862.4 496.7 0.59 5.3	35
0.55 YES	
L0005118 0 0.79924E-04 474090.8 3755864.8 496.5 0.59 5.3	35
0.55 YES	
L0005119 0 0.79924E-04 474079.6 3755867.1 496.3 0.59 5.3	35
0.55 YES	
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN							
SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							
L0005120	0	0.79924E-04	474068.3	3755869.4	496.1	0.59	5.35
0.55 YES							
L0005121	0	0.79924E-04	474057.1	3755871.8	495.8	0.59	5.35
0.55 YES							
L0005122	0	0.79924E-04	474045.8	3755874.1	495.6	0.59	5.35
0.55 YES							
L0005123	0	0.79924E-04	474034.5	3755876.5	495.4	0.59	5.35
0.55 YES							
L0005124	0	0.79924E-04	474023.3	3755878.8	495.2	0.59	5.35
0.55 YES							
L0005125	0	0.79924E-04	474012.0	3755881.1	495.0	0.59	5.35
0.55 YES	•	0 700045 04	474000	2755002 5	404.0	0.50	5 25
L0005126	0	0.79924E-04	4/4000.8	3/55883.5	494.8	0.59	5.35
0.55 YES	0	0 700045 04	473000 5	2755005 0	404.6	0.50	F 2F
L0005127	0	0.79924E-04	4/3989.5	3/55885.8	494.6	0.59	5.35
0.55 YES	0	0 700345 04	472070 3	2755000 2	494.4	0 50	г эг
L0005128 0.55 YES	О	0.79924E-04	4/39/8.2	3/33000.2	494.4	0.59	5.35
L0005129	0	0.79924E-04	172067 A	2755000 5	494.2	0.59	5.35
0.55 YES	V	0.733246-04	4/330/.0	3/33696.3	434.2	0.39	3.33
L0005130	0	0.79924E-04	<i>4</i> 73955 7	3755892 8	494.0	0.59	5.35
0.55 YES	Ū	0.733242 04	473333.7	3733032.0	454.0	0.55	3.33
L0005131	0	0.79924E-04	473944.5	3755895.2	493.8	0.59	5.35
0.55 YES		•••••	., 55 5	J, JJ J J J J J		0.00	
L0005132	0	0.79924E-04	473933.2	3755897.5	493.6	0.59	5.35
0.55 YES							
L0005133	0	0.79924E-04	473921.9	3755899.9	493.3	0.59	5.35
0.55 YES							
L0005134	0	0.79924E-04	473910.7	3755902.2	493.1	0.59	5.35
0.55 YES							
L0005135	0	0.79924E-04	473899.4	3755904.5	492.9	0.59	5.35
0.55 YES							

L0005136 0.55 YES	0	0.79924E-04	473888.2 3755906.9	492.7	0.59	5.35
L0005137	0	0.79924E-04	473876.9 3755909.2	492.5	0.59	5.35
0.55 YES L0005138	0	0.79924E-04	473865.6 3755911.6	492.3	0.59	5.35
0.55 YES L0005139	0	0.79924E-04	473854.4 3755913.9	492.1	0.59	5.35
0.55 YES L0005140	0	0.79924E-04	473843.1 3755916.2	491.9	0.59	5.35
0.55 YES L0005141	0	0.79924E-04	473831.9 3755918.6	491.7	0.59	5.35
0.55 YES L0005142	0	0.79924E-04	473820.6 3755920.9	491.5	0.59	5.35
0.55 YES L0005143	0	0.79924E-04	473809.3 3755923.3	491.3	0.59	5.35
0.55 YES L0005144	0	0.79924E-04	473798.1 3755925.6	491.1	0.59	5.35
0.55 YES L0005145	0	0.79924E-04	473786.8 3755927.9	490.8	0.59	5.35
0.55 YES L0005146	0	0.79924E-04	473775.6 3755930.3	490.6	0.59	5.35
0.55 YES L0005147	0	0.79924E-04	473764.3 3755932.6	490.4	0.59	5.35
0.55 YES L0005148	0	0.79924E-04	473753.1 3755935.0	490.2	0.59	5.35
0.55 YES L0005149	0	0.79924E-04	473741.8 3755937.3	490.0	0.59	5.35
0.55 YES L0005150	0	0.79924E-04	473730.5 3755939.6	489.8	0.59	5.35
0.55 YES L0005151	0	0.79924E-04	473719.3 3755942.0	489.6	0.59	5.35
0.55 YES L0005152	0	0.79924E-04	473708.0 3755944.3	489.4	0.59	5.35
0.55 YES L0005153	0	0.79924E-04	473696.8 3755946.7	489.2	0.59	5.35
0.55 YES L0005154	0		473685.5 3755949.0	489.0	0.59	5.35
0.55 YES L0005155	0		473674.2 3755951.3		0.59	5.35
0.55 YES						
L0005156 0.55 YES	0		473663.0 3755953.7	488.6	0.59	5.35
L0005157 0.55 YES	0		473651.7 3755956.0	488.3	0.59	5.35
L0005158 0.55 YES	0		473640.5 3755958.4	488.1	0.59	5.35
L0005159 0.55 YES	0		473629.2 3755960.7		0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2029 OPERATION 04/06/22	S - AUTO T	OG	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	Έ		BASE	RELEASE	INIT.
		(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE		•					
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0005160	0	0.79924E-04	473617.9	3755963.0	487.7	0.59	5.35
0.55 YES							
L0005161	0	0.79924E-04	473606.7	3755965.4	487.5	0.59	5.35
0.55 YES							
	0	0.79924E-04	473595.4	3755967.7	487.3	0.59	5.35
0.55 YES		0 700245 04	472504 2	2755070 1	407 1	0. 50	F 2F
L0005163 0.55 YES	0	0.79924E-04	4/3584.2	3/559/0.1	487.1	0.59	5.35
L0005164	0	0.79924E-04	473572.9	3755972.4	486.9	0.59	5.35
0.55 YES	•	••••	.,		.0072	***************************************	5,55
L0005165	0	0.79924E-04	473561.6	3755974.7	486.7	0.59	5.35
0.55 YES							
	0	0.79924E-04	473550.4	3755977.1	486.5	0.59	5.35
0.55 YES		. =	4=2=20.4	.===.	404.0		
		0.79924E-04	473539.1	3755979.4	486.3	0.59	5.35
0.55 YES L0005168		0 70024E_04	/73527 Q	2755021 2	186 1	0 50	5.35
0.55 YES	O	0.733241-04	4/332/.3	3733361.0	400.1	0.55	J <b>.</b> JJ
↑ *** AERMOD -	VERSIO	N 21112 *** ***			NS - AUTO	TOG	
*** AERMET - '	VERSION						
		***	13:29:06				
			DACE 16				
			PAGE 16				

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID SOURCE IDs -----

RegDFAULT CONC ELEV URBAN ADJ\_U\*

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\*\*\* MODELOPTs:

ALL L0004645	L0004640 , L0004646	, L0004641 , L0004647	, L0004642 ,	, L0004643	, L0004644	J
L0004653	L0004648 , L0004654	, L0004649 , L0004655	, L0004650	, L0004651	, L0004652	,
L0004661	L0004656 , L0004662	, L0004657 , L0004663	, L0004658	, L0004659	, L0004660	,
L0004669	L0004664 , L0004670	, L0004665 , L0004671	, L0004666 ,	, L0004667	, L0004668	,
L0004677	L0004672 , L0004678	, L0004673 , L0004679	, L0004674	, L0004675	, L0004676	,
L0004685	L0004680 , L0004686	, L0004681 , L0004687	, L0004682	, L0004683	, L0004684	,
L0004693	L0004688 , L0004694	, L0004689 , L0004695	, L0004690	, L0004691	, L0004692	,
L0004701	L0004696 , L0004702	, L0004697 , L0004703	, L0004698	, L0004699	, L0004700	,
L0004709	L0004704 , L0004710	, L0004705 , L0004711	, L0004706	, L0004707	, L0004708	,
L0004717	L0004712 , L0004718	, L0004713 , L0004719	, L0004714	, L0004715	, L0004716	,
L0004725	L0004720 , L0004726	, L0004721 , L0004727	, L0004722 ,	, L0004723	, L0004724	,
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L0004757	L0004752 , L0004758	, L0004753 , L0004759	, L0004754	, L0004755	, L0004756	j
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*** MODELC	OPTs: RegDI	PAGE FAULT CONC EL	E 17 LEV URBAN AD	J_U*		
			*** SOUR	CE IDs DEFININ	G SOURCE GROUPS	; ***
SRCGROUP 1				SOURCE		
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L0004837	L0004832 , L0004838	, L0004833 , L0004839	, L0004834	, L0004835	, L0004836	,
L0004845	L0004840 , L0004846	, L0004841 , L0004847	, L0004842	, L0004843	, L0004844	,
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                        ***
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                13:29:06
                                PAGE 18
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                                         *** SOURCE IDS DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                        SOURCE IDs
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L0005037	L0005032 , L0005038	, L0005033 , L0005039	, L0005034	, L0005035	, L0005036	,
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                              04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                             13:29:06
                              PAGE 19
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                      *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
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                      ***
                              04/06/22
                   16216 *** ***
*** AERMET - VERSION
                             13:29:06
                              PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
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L0004669	L0004664 , L0004670	, L0004665 , L0004671	, L0004666	, L0004667	, L0004668	,
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L0004701	L0004696 , L0004702	, L0004697 , L0004703	, L0004698	, L0004699	, L0004700	,
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L0004789	L0004784 , L0004790	, L0004785 , L0004791	, L0004786	, L0004787	, L0004788	,
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*** AERMET	- VERSION	16216 *** ***				
		13:2	9:06			
		PAGE	21			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP			SOURCE IDs	
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L0004829	L0004824 , L0004830	, L0004825 , L0004831	, L0004826	, L0004827 , L0004828	,
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                                    *** 2029 OPERATIONS - AUTO TOG
                                   04/06/22
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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URBAN ID	URBAN POP			SOURCE I	Ds
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L0004981	L0004976 , L0004982	, L0004977 , L0004983	, L0004978	, L0004979	, L0004980 ,
L0004989	L0004984 , L0004990	, L0004985 , L0004991	, L0004986	, L0004987	, L0004988 ,
L0004997	L0004992 , L0004998	, L0004993 , L0004999	,L0004994 ,	, L0004995	, L0004996 ,
L0005005	L0005000 , L0005006	, L0005001 , L0005007	,L0005002	, L0005003	, L0005004 ,
L0005013	L0005008 , L0005014	, L0005009 , L0005015	, L0005010	, L0005011	, L0005012 ,
L0005021	L0005016 , L0005022	, L0005017 , L0005023	, L0005018	, L0005019	, L0005020 ,
L0005029	L0005024 , L0005030	, L0005025 , L0005031	,L0005026	, L0005027	, L0005028 ,
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L0005061	L0005056 , L0005062	, L0005057 , L0005063	, L0005058	, L0005059	, L0005060 ,
L0005069	L0005064 , L0005070	, L0005065 , L0005071	, L0005066	, L0005067	, L0005068 ,

L0005077	L0005072 , L0005078	, L0005073 , L0005079	, L0005074 ,	, L0005075	, L0005076	,
L0005085	L0005080 , L0005086	, L0005081 , L0005087	, L0005082	, L0005083	, L0005084	J
L0005093	L0005088 , L0005094	, L0005089 , L0005095	, L0005090	, L0005091	, L0005092	,
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	, L0005118 DD - VERSION	21112 *** **	** 2029 OPERA 1/06/22	, L0005115 TIONS - AUTO TO	•	,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP	SOURCE IDs				
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L0005141	L0005136 , L0005142	, L0005137 , L0005143	, L0005138	, L0005139	, L0005140	,
L0005149	L0005144 , L0005150	, L0005145 , L0005151	, L0005146	, L0005147	, L0005148	,
L0005157	L0005152 , L0005158	, L0005153 , L0005159	, L0005154	, L0005155	, L0005156	,
	L0005160	, L0005161	, L0005162	, L0005163	, L0005164	,

L0005168 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG \*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:29:06 PAGE 24 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0, 474796.0, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6, ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG \*\*\* 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 13:29:06 PAGE 25 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474691.04 474706.04 474721.04 474736.04 474751.04 474766.04 474781.04 474796.04 497.50 497.30 497.10 3755633.62 497.60 497.00 496.60 497.00 497.00 3755618.62 496.90 497.10 497.10 497.00 496.90 497.10 495.90 496.70 3755603.62 497.00 497.00 497.00 497.00

L0005165 , L0005166 , L0005167 ,

	496.90 496.70  *** 2029 OF 04/06/22  *** 13:29:06  PAGE 26	496.80 PERATIONS - AL	497.00	
*** MODELOPTs: RegDFAULT CONC	C ELEV URBAN	ADJ_U*		
***	*** NETWORK I	D: UCART1 ;	NETWORK TYP	E: GRIDCART
		* HILL HEIGH	T SCALES IN M	IETERS *
Y-COORD   (METERS)   474691.04 474766.04 474781.04 474796.0		4721.04 47	X-COORD (ME 4736.04 47	TERS) 4751.04
3755633.62   789.90 789.90 789.90 789.90 3755618.62   789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755588.62   789.90 789.90 789.90 789.90 789.90 789.90 789.90 ↑*** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***  ***  *** MODELOPTS: RegDFAULT CONC.	789.90 789.90 789.90 789.90 789.90 789.90 *** 2029 OF 04/06/22 *** 13:29:06  PAGE 27 C ELEV URBAN	789.90 789.90 789.90 789.90 PERATIONS - AL	789.90 789.90 789.90 789.90 JTO TOG	789.90 789.90 789.90 789.90
***	*** NETWORK I			
and and				

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

474790.5, 474805.5, 474820.5, 474835.5, 474850.5, 474865.5, 474880.5, 474895.5,

\*\*\* V COOPDINATES OF GRID \*\*\*

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755561.1, 3755576.1, 3755591.1, 3755606.1,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD	(METERS)
(METERS)	474790.51	474805.51	474820.51	474835.51	474850.51
474865.51	474880.51    4748	95.51			
3755606.07	496.10	494.50	493.70	493.20	493.20
493.30	493.40 49	3.60			
3755591.07	495.90	494.00	493.30	492.90	492.90
492.90	492.90 49	2.70			
3755576.07	495.60	493.50	493.00	492.60	492.70

492.50 492.40 492.10 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

492.70 492.60 492.10 3755561.07 495.20

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

493.10 492.70 492.40 492.50

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 474790.51 474805.51 474820.51 474835.51 474850.51 474865.51 474880.51 474895.51

		 -		
3755606.07   789.90 789.90 789.90 7		789.90	789.90	789.90
3755591.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
3755576.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
3755561.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216	*** *** 2029 0 04/06/22	PERATIONS -	AUTO TOG	
*** MODELOPTs: RegDFAULT	PAGE 30 CONC ELEV URBA	N ADJ_U*		
	*** GR	IDDED RECEPTO	OR NETWORK SU	MMARY ***
***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
	***	X-COORDINATE: (METER:	S OF GRID *** S)	
474800.9, 474815.9,				
	***	Y-COORDINATE: (METER:	S OF GRID *** S)	
3755608.3, 3755623.3,	*** *** 2020 0	ADED ATTOMC	AUTO TOS	
*** AERMOD - VERSION 21112  ***	04/06/22	PERATIONS -	AUTO TOG	
*** AERMET - VERSION 16216 ***	13:29:06			
*** MODELOPTs: RegDFAULT	PAGE 31 CONC ELEV URBA	N ADJ_U*		
***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
		* ELEVATION	N HEIGHTS IN	METERS *
Y-COORD   (METERS)   474800.90	474815.90		X-COORD (	METERS)

------

```
3755623.35 | 495.80 495.20
 3755608.35
                   495.00
                               494.00
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               13:29:06
                               PAGE 32
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                               *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART
***
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                474800.90 474815.90
 3755623.35
                   789.90
                                789.90
 3755608.35
                   789.90
                               789.90
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                     ***
                               13:29:06
                               PAGE 33
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                       *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                              13:29:06
```

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*** MODELOPTs: RegDFAULT	PAGE 34 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD   (METERS)   474820.81	X-COORD (METERS) 474835.81
3755622.54   495.00 3755607.54   493.70 ↑ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***	493.20 2 *** *** 2029 OPERATIONS - AUTO TOG 04/06/22
*** MODELOPTs: RegDFAULT	PAGE 35 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   474820.81	* HILL HEIGHT SCALES IN METERS *  X-COORD (METERS)  474835.81
(METERS)   474820.81 	X-COORD (METERS) 474835.81 789.90 789.90 789.90 **** *** 2029 OPERATIONS - AUTO TOG 04/06/22
(METERS)   474820.81 	X-COORD (METERS) 474835.81 789.90 789.90 789.90 **** *** 2029 OPERATIONS - AUTO TOG 04/06/22 *** ***
(METERS)   474820.81 	X-COORD (METERS) 474835.81  789.90 789.90 789.90 *** *** 2029 OPERATIONS - AUTO TOG 04/06/22 *** *** 13:29:06 PAGE 36
(METERS)   474820.81 	X-COORD (METERS) 474835.81  789.90 789.90 **** *** 2029 OPERATIONS - AUTO TOG 04/06/22 *** *** 13:29:06  PAGE 36 CONC ELEV URBAN ADJ_U*

(METERS)

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755600.4, 3755615.4, ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 13:29:06 PAGE 37 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474838.93 474853.93 3755615.41 493.60 493.60 3755600.41 493.10 493.10 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:29:06 PAGE 38 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) | 474838.93 474853.93 3755615.41 789.90 789.90 789.90 3755600.41 789.90 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG 04/06/22

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

474857.7, 474872.7,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755596.5, 3755611.5,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD | X-COORD (METERS)

(METERS) | 474857.73 474872.73

3755611.53 | 493.30 493.50

3755596.53 493.00 493.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

### \* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) | 474857.73 474872.73

-----

 3755611.53
 789.90
 789.90

 3755596.53
 789.90
 789.90

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755313.7, 3755333.7,

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD | X-COORD (METERS) | 475108.79 475128.79 475148.79 475168.79

					- 		
3755333.70		493.70	492.8	0	492.30	492.40	492.80
403 30	400 70	404 70		406 00			
3755313.70		493.20	492.4	0	492.00	492.00	492.40
492 80	493 10	493 60		494 40			
3755293.70		492.90	492.2	0	491.80	491.70	492.00
492.40	492.60	492.90		493.40			
3755273.70		492.90	492.1	0	491.60	491.50	491.70
492.00	492.30	492.60		493.10			
3755253.70		492.60	492.0	0	491.60	491.40	491.50
491.80	492.20	492.60		493.20			
3755233.70		492.30	491.9	0	491.60	491.40	491.40
491.70	492.20	492.70		493.30			
3755213.70		492.00	491.8	0	491.70	491.60	491.50
404 00		400 00					
3755193.70		492.00	492.0	0	492.00	491.90	491.70
404 00	400 00	400 00		402 20			
3755173.70		492.10	492.1	0	492.10	492.00	491.70
		492.70					
					492.10	492.00	491.70
491.90	492.20	492.50		492.90			
↑ *** AERMOD -	· VERSIO	V 21112 ***	***	2029 OP	ERATIONS - AL	JTO TOG	
*** * <b>FD</b> ** <b>F</b> T	VEDSTON	***	04/0	6/22			
*** AERMET -	VERSION	16216 ***	***	0.6			
		***	13:29:	06			
			DACE	4.4			
*** MODELOPTs	. Dog	DEAULT CONC			<b>VD3 11</b> *		
· · · MODELOPIS	. Re	SDFAULT CONC	CLCV	UNDAIN	ADJ_U		
			*** NE	TWORK TI	D: UCART7 ;	NETWORK TV	DE. CRIDCART
***			INL	I WORK I	J. UCARTI	NETWORK IT	FL. UNIDCANT
					* FLEVATION	HEIGHTS IN M	FTFRS *
					22277772017		
Y-COORD						X-COORD (M	ETERS)
(METERS)	475	5288.79				7. COOKS (1.	
3755333.70		496.60					
3755313.70		494.90					
3755293.70		494.00					
3755273.70		493.80					
3755253.70		493.90					
3755233.70		493.90					
3755213.70		493.90					
3755193.70		493.70					

475208.79 475228.79 475248.79 475268.79

3755173.70 | 493.50 3755153.70 | 493.40

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD						X-COORD	(METERS)
(METERS)	475108	3.79 4	75128.	79	475148.79	475168.79	475188.79
475208.79	475228.79	475248.	79	475268	3.79		

	3755333.70		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.90			
	3755313.70		789.90	789.90	789.90	789.90	789.90
				789.90			
	3755293.70		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.90			
	3755273.70		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.90			
	3755253.70		789.90	789.90	789.90	789.90	789.90
				789.90			
	3755233.70		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.90			
	3755213.70		789.90	789.90	789.90	789.90	789.90
				789.90			
	3755193.70		789.90	789.90	789.90	789.90	789.90
				789.90			
	3755173.70		789.90	789.90	789.90	789.90	789.90
				789.90			
	3755153.70		789.90	789.90	789.90	789.90	789.90
	789.90						
♠	*** AERMOD -				ERATIONS - A	UTO TOG	
			***	04/06/22			

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

# \* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)
(METERS)	475288.79	
3755333.70	789.90	
	789.90	
3755293.70	789.90	
3755273.70	789.90 789.90	
3755253.70	789.90	
	789.90	
	789.90	
	789.90	
	789.90   789.90	
		* *** 2029 OPERATIONS - AUTO TOG
ALKHOD		04/06/22
*** AFRMET -	VERSION 16216 ***	***
ALIGIET	***	13:29:06
		13.13.100
		PAGE 47
*** MODELOPT:	s: RegDFAULT COM	NC ELEV URBAN ADJ_U*
		*** GRIDDED RECEPTOR NETWORK SUMMARY ***
ale ale ale		*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART
***		
		*** X-COORDINATES OF GRID ***
		(METERS)
		(METERS)
475151	.6, 475171.6, 4751	191.6, 475211.6, 475231.6, 475251.6, 475271.6,
	5311.6, 475331.6,	
-	.6, 475371.6,	
		*** Y-COORDINATES OF GRID ***
		(METERS)
2755220	2 2755250 2 2755	270 2 2755200 2
	.3, 3755358.3, 37553 - VERSTON 21112 ***	
↑ THE ALKMUD	- VERSION 21112 ***	* *** 2029 OPERATIONS - AUTO TOG 04/06/22
*** AERMET -		04/00/22 ***
ALIMILI -	***	13:29:06
		13.23.00
		PAGE 48
*** MODELOPTS	s: RegDFAULT COM	NC ELEV URBAN ADJ_U*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD		X-COORD	(METERS)
(METERS)   475151.63 4	75171.63 475191.	63 475211.63	475231.63
475251.63 475271.63 475291.0	63 475311.63		
3755398.30   497.20	497.00 496.	70 496.70	497.40
497.80 497.90 497.70			
3755378.30   495.90	495.60 495.	20 495.30	496.30
497.30 497.80 497.60			
3755358.30   494.40	494.20 493.	80 494.10	495.20
496.40 497.40 497.30	9 496.90		
3755338.30   492.60	492.70 493.	00 493.50	494.00
495.20 496.60 496.90			
↑ *** AERMOD - VERSION 21112 ***		ONS - AUTO TOG	
***			
*** AERMET - VERSION 16216 ***			
***	13:29:06		
	PAGE 49		
*** MODELOPTs: RegDFAULT CON	C ELEV URBAN ADJ	_U*	

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)	
(METERS)	475331.63	475351.63	475371.63		
					-

3755398.30	497.60	497.70	497.90
3755378.30	497.20	497.20	497.60
3755358.30	496.70	496.80	497.30
3755338.30	496.00	496.30	497.10

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

	* HILL HEIGH	T SCALES IN N	METERS *
Y-COORD   (METERS)   475151.63 475171.63 47 475251.63 475271.63 475291.63 475311.6	5191.63 47	X-COORD (ME 5211.63 47	ETERS) 75231.63
3755398.30   789.90 789.90 789.90 789.90 789.90 789.90			
3755378.30   789.90 789.90 789.90 789.90	789.90		
789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90	789.90	789.90
3755338.30   789.90 789.90 789.90 789.90 789.90 789.90	789.90	789.90	789.90
789.90 789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 *** *** 2029 OP  *** AERMET - VERSION 16216 *** ***  *** 13:29:06	ERATIONS - AL	JTO TOG	
PAGE 51 *** MODELOPTs: RegDFAULT CONC ELEV URBAN	ADJ_U*		
*** NETWORK I ***	D: UCART8 ;	NETWORK TYP	PE: GRIDCART
	* HILL HEIGH	T SCALES IN M	METERS *
Y-COORD   (METERS)   475331.63 475351.63 47	5371.63	X-COORD (ME	ETERS)
3755398.30   789.90 789.90 3755378.30   789.90 789.90 3755358.30   789.90 789.90 3755338.30   789.90 789.90 ↑ *** AERMOD - VERSION 21112 *** *** 2029 OP	789.90 789.90 789.90 789.90 ERATIONS - AL	JTO TOG	
TENTE VENSION TOTAL			

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13:29:06

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

<sup>\*\*\*</sup> GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

# \*\*\* X-COORDINATES OF GRID \*\*\* (METERS)

475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755404.0, 3755424.0, 3755444.0,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

### \* ELEVATION HEIGHTS IN METERS \*

47	Y-COORD (METERS) 5285.62	•							2 4	X-COOR 175245.62	•	•	
_													-
_		_						_					
	3755444.04	I	4	496.90		497.1	.0	497.46	9	497.80	4	498.10	
	498.30	•	498.40	4	498.50		498.5	0					
	3755424.04		4	497.00		497.2	20	497.46	9	497.80	4	498.00	
	498.10		498.10	4	498.20		498.2	.0					
	3755404.04		4	496.90		496.8	80	497.20	9	497.80	4	197.90	
	497.80		497.80	4	497.70		497.7	'0					
<b>^</b>	*** AERMOD	-	<b>VERSION</b>	21112	***	***	2029 (	PERATIO	NS - A	AUTO TOG			
				***		04/0	6/22						

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475365.62	X-COORD (METERS)
*** *** AERMET - VERSION 16216 ***	* *** 2029 OPERATIONS - AUTO TOG     04/06/22     *** 13:29:06
*** MODELOPTs: RegDFAULT CO	PAGE 55 NC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475185.62 475285.62 475305.62 475325	X-COORD (METERS) 475205.62 475225.62 475245.62 475265.62 .62 475345.62
3755444.04   789.90 789.90 789.90 789.	789.90 789.90 789.90 789.90
3755424.04   789.90 789.90 789.90 789.	789.90 789.90 789.90 789.90 90 789.90
3755404.04   789.90	789.90 789.90 789.90 789.90
*** AERMOD - VERSION 21112 **  ***  *** AERMET - VERSION 16216 ***  ***	90 789.90 * *** 2029 OPERATIONS - AUTO TOG 04/06/22 *** 13:29:06
*** MODELOPTs: RegDFAULT CO	PAGE 56 NC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD	X-COORD (METERS)

```
(METERS) | 475365.62
                789.90
789.90
 3755444.04
 3755424.04
 3755404.04
                  789.90
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                              13:29:06
                              PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755450.2, 3755470.2, 3755490.2,
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:29:06
                              PAGE 58
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS) |
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
 3755490.18 | 497.30 497.80 498.20 498.60 499.00
 499.10 499.20
```

3755470.18   498.90 49	497.40 8 90	497.80	498.20	498.50	498.80
3755450.18	497.50	497.90	498.20	498.40	498.50
498.60 49 ★ *** AERMOD - VE *** AERMET - VER	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** MODELOPTs:	RegDFAULT CON	PAGE 59 IC ELEV URE	BAN ADJ_U*		
***		*** NETWORK	( ID: UCART12	; NETWORK T	TYPE: GRIDCART
			* HILL HEI	GHT SCALES IN	N METERS *
Y-COORD   (METERS)   475330.47 4753	475230.47 4 50.47	175250.47	475270.47	X-COORD ( 475290.47	
3755490.18   789.90 78	789.90 9.90	789.90	789.90	789.90	789.90
3755470.18   789.90 78		789.90	789.90	789.90	789.90
3755450.18   789.90 78	789.90	789.90	789.90	789.90	789.90
↑ *** AERMOD - VE	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** AERMET - VER	SION 16216 *** ***	*** 13:29:06			
*** MODELOPTs:	RegDFAULT COM	PAGE 60 IC ELEV URE	BAN ADJ_U*		
		*** (	GRIDDED RECEPT	OR NETWORK SU	JMMARY ***
***		*** NETWORK	( ID: UCART13	; NETWORK 1	TYPE: GRIDCART
		***	* X-COORDINATE (METER		*
475254.8,	475274.8, 4752		14.8, 475334.	8,	
		***	Y-COORDINATE	S OF GRID ***	k

(METERS)

```
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG

*** 04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:29:06
                              PAGE 61
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                          * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                      X-COORD (METERS)
   (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84
 3755513.80 498.20 498.70 499.10 499.40
                                                               499.50
                                         498.80
 3755493.80
                  498.00
                             498.40
                                                     499.10
                                                                499.20
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:29:06
                              PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
                                          * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                      X-COORD (METERS)
               475254.84 475274.84 475294.84 475314.84 475334.84
   (METERS)
                  789.90
 3755513.80
                             789.90
                                          789.90
                                                     789.90
                                                                 789.90
 3755493.80 | 789.90
                              789.90
                                          789.90
                                                     789.90
                                                                 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              13:29:06
                              PAGE 63
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
```

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

3755493.8, 3755513.8,

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	VERSION 21112	*** *** 2029	OPERATIONS	- AUTO TOG	
	***	04/06/22			
*** AERMET -	VERSION 16216	*** ***			
	***	12.20.06			

\*\*\* 13:29:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> HILL HEIGHT SCALES IN METERS \*

Y-COORD   (METERS)	475293 <b>.</b> 48	475313.48	475333.48		(METERS) 475373.48
3755332.63	789.90	789.90	789.90	789.90	789.90
3755312.63	789.90	789.90	789.90	789.90	789.90
3755292.63	789.90	789.90	789.90	789.90	789.90
3755272.63	789.90	789.90	789.90	789.90	789.90
3755252.63	789.90	789.90	789.90	789.90	789.90
3755232.63	789.90	789.90	789.90	789.90	789.90
3755212.63	789.90	789.90	789.90	789.90	789.90
★ *** AERMOD -			29 OPERATIONS -	- AUTO TOG	
	***	04/06/2	.2		
*** AERMET - V					
	***	13:29:06			
		PAGE 66			
*** MODELOPTs:	RegDFAULT	CONC ELEV U	IRBAN ADJ_U*		
DDOCECCTNC ***			*** METEOROLO	OGICAL DAYS SE	ELECTED FOR
PROCESSING ***				/1 VEC.	. 0 110)
				(1=YES)	; 0=NO)
1 1	111111	. 1 11111	11111 1	111111	111 111
1111111					
	1111111		. 1 1 1 1 1	111111	111 111
1111111					
	1111111		. 1 1 1 1 1	111111	111 111
1111111					
	1111111		. 1 1 1 1 1 1	111111	111 111
1111111	1111111				
	1111111		. 1 1 1 1 1 1	111111	111 111
111111					
	1111111		. 1 1 1 1 1 1	111111	111 111
1 1 1 1 1 1 1					
	1111111		. 1 1 1 1 1 1	111111	111 111
1 1 1 1 1 1 1	1111111	. 1 1 1			
1 1	1 1 1 1 1 1 1	.1 11111			

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)

10.80,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:29:06

PAGE 67

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI V9 ADJU\PERI V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR MO DY JDY HR HØ U\* W\* DT/DZ ZICNV ZIMCH M-O LEN ZØ BOWEN

ALBEDO REF WS WD HT REF TA HT - - - - - - - - - - - - - - - - - -1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 10 01 01 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 5.5 0.90 142. 9.1 280.9 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 324. 9.1 280.4 5.5 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 294. 9.1 278.8 5.5 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 10 01 01 0.61 0.90 205. 9.1 278.1 1.00 5.5 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 3. 9.1 277.0 5.5 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 10 01 01 0.61 1.30 99. 9.1 277.0 1.00 5.5 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.61 0.54 0.90 319. 9.1 278.8 5.5 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 10 01 01 1 09 0.61 0.90 239. 9.1 284.2 5.5 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61

```
0.26 0.40 188. 9.1 289.2 5.5
10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19
                                                                0.61
0.23
      2.70 310. 9.1 290.9
                               5.5
          1 12 97.1 0.281 1.058 0.008 421.
                                             357.
                                                  -19.7 0.19
10 01 01
                                                                0.61
0.22
      2.20 357. 9.1 293.1
                               5.5
10 01 01 1 13
                92.2 0.279 1.117 0.008 523.
                                             354. -20.4 0.19
      2.20 356. 9.1 293.8
                               5.5
10 01 01 1 14 77.6 0.275 1.102 0.008 595.
                                             347.
                                                  -23.2 0.19
                                                                0.61
      2.20 50.
                   9.1 294.2
0.23
                               5.5
                54.9 0.230 1.006 0.008 640.
          1 15
                                             266.
                                                  -19.2 0.19
10 01 01
                                                                0.61
                  9.1 293.8
0.27
      1.80 53.
                               5.5
          1 16 12.3 0.206 0.613 0.008 648.
                                             225. -61.5 0.19
10 01 01
                                                                0.61
0.36
      1.80 11. 9.1 292.5
                            5.5
          1 17
                -3.6 0.087 -9.000 -9.000 -999. 71.
10 01 01
                                                   15.6 0.19
                                                                0.61
      0.90 351.
                9.1 290.4
                               5.5
0.64
10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999.
                                              62.
                                                    15.2 0.19
                                                                0.61
      0.90 186. 9.1 287.5
                              5.5
10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999.
                                              62.
                                                    15.2 0.19
                                                                0.61
      0.90 275. 9.1 285.9
1.00
                               5.5
10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999.
                                              39.
                                                    18.1 0.19
                                                                0.61
      0.40 181. 9.1 285.4
                               5.5
10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106.
                                                    21.3 0.19
                                                                0.61
1.00
      1.30 318. 9.1 284.9
                               5.5
          1 22 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
10 01 01
                                                                0.61
1.00
      0.90 196. 9.1 283.1
                               5.5
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
                                                                0.61
      0.90 330. 9.1 281.4
1.00
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106.
                                                    21.2 0.19
                                                                0.61
1.00
      1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB TMP sigmaA sigmaW sigmaV
10 01 01 01
             5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01
             9.1 1 335.
                         1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                    ***
                             13:29:06
                             PAGE 68
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640
                                                            , L0004641
                       , L0004644
. L0004642
            , L0004643
                        , L0004646 , L0004647 , L0004648 , L0004649
              L0004645
```

```
, L0004650
          , L0004651 , L0004652
                                    , L0004655 , L0004656 , L0004657
              L0004653
                       , L0004654
 L0004658
           , L0004659
                       , L0004660
                       , L0004662
                                    , L0004663 , L0004664
                                                            , L0004665
              L0004661
, L0004666
            , L0004667
                             *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04
                                                 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.46856 0.48145 0.49325 0.50617
                                                              0.52041
0.53619 0.55311 0.56854
 3755618.62 0.41362
                            0.42377
                                      0.43374
                                                   0.44385
                                                              0.45449
0.46703
          0.47943 0.48647
 3755603.62 0.37200 0.38033
                                      0.38823
                                                   0.39648
                                                              0.40512
        0.42404 0.42740
0.41484
                           0.34547 0.35190 0.35882
 3755588.62
                0.33866
                                                              0.36604
           0.38091 0.38264
0.37384
 3755573.62 | 0.31092 0.31660
                                        0.32214
                                                   0.32806
                                                              0.33402
           0.34578 0.34664
0.34022
                             *** 2029 OPERATIONS - AUTO TOG
★ *** AERMOD - VERSION 21112 ***
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                            13:29:06
                             PAGE 69
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640
                                                            , L0004641
, L0004642
            , L0004643
                       , L0004644
                       , L0004646
              L0004645
                                    , L0004647 , L0004648 , L0004649
, L0004650
            , L0004651
                       , L0004652
                       , L0004654
                                  , L0004655
                                               , L0004656
                                                           , L0004657
              L0004653
, L0004658
           , L0004659
                       , L0004660
                       , L0004662     , L0004663     , L0004664
                                                            , L0004665
              L0004661
, L0004666
            , L0004667
                             *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
```

\*\*

Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895.	51	474820.51		(METERS) 474850.51
3755606.07   0.43470 0.47924 0.49311 0.5084		0.44553	0.45443	0.46622
3755591.07   0.38873 0.42181 0.43177 0.4414	0.39044	0.39623	0.40335	0.41235
3755576.07   0.35186	0.35256	0.35772	0.36335	0.37080
0.37826 0.38571 0.3920 3755561.07   0.32151	0.32198	0.32644	0.33128	0.33737
0.34343	* *** 202 04/06/22 ***		- AUTO TOG	
*** MODELOPTs: RegDFAULT CON	PAGE 70 IC ELEV UI	RBAN ADJ_U*		
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***				
, L0004642 , L0004643 , L00		SOURCE(S):	L0004640	, L0004641
L0004645 , L0	0004646		, L0004648	, L0004649
L0004653 , L0			, L0004656	, L0004657
, L0004658 , L0004659 , L00 L0004661 , L0			, L0004664	, L0004665
, L0004666 , L0004667 , .	,			
*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***				
**	** (	CONC OF TOG	IN MICROGE	RAMS/M**3
Y-COORD   (METERS)   474800.90 4	.74815 <b>.</b> 90		X-COORD	(METERS)
3755623.35   0.51235 3755608.35   0.44534 ↑ *** AERMOD - VERSION 21112 ***	0.45187	9 OPERATIONS -	- AUTO TOG	

```
16216 ***
 *** AERMET - VERSION
                                  13:29:06
                                  PAGE 71
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                            L0004640
                                                                        , L0004641
, L0004642
              , L0004643
                            , L0004644
                                                          , L0004648
                 L0004645
                             , L0004646
                                            , L0004647
                                                                        , L0004649
              , L0004651
 L0004650
                            , L0004652
                            , L0004654
                                            , L0004655
                                                          , L0004656
                                                                        , L0004657
                 L0004653
 L0004658
              , L0004659
                            , L0004660
                 L0004661
                             , L0004662
                                            , L0004663
                                                          , L0004664
                                                                        , L0004665
 L0004666
              , L0004667
                                   *** NETWORK ID: UCART4
                                                             ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                             IN MICROGRAMS/M**3
   Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   474820.81
                                474835.81
  3755622.54
                                  0.53868
                     0.52376
  3755607.54
                     0.45115
                                  0.46032
 *** AERMOD - VERSION 21112
                                    *** 2029 OPERATIONS - AUTO TOG
                                    04/06/22
 *** AERMET - VERSION
                       16216 ***
                                   ***
                       ***
                                  13:29:06
                                  PAGE 72
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                            L0004640
                                                                        , L0004641
, L0004642
              , L0004643
                            , L0004644
                             , L0004646
                                                          , L0004648
                                                                        , L0004649
                 L0004645
                                            L0004647
                            , L0004652
 L0004650
              , L0004651
                             , L0004654
                 L0004653
                                            , L0004655
                                                          , L0004656
                                                                        , L0004657
 L0004658
              , L0004659
                            , L0004660
                                                          , L0004664
                 L0004661
                            , L0004662
                                            , L0004663
                                                                        , L0004665
, L0004666
              , L0004667
```

04/06/22

```
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
                474838.93 474853.93
                 0.49862
                              0.51321
 3755615.41
 3755600.41
                  0.43597
                              0.44670
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 ***
                              13:29:06
                              PAGE 73
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0004640
                                                               , L0004641
            , L0004643
, L0004642
                        , L0004644
                                      , L0004647 , L0004648 , L0004649
                         , L0004646
               L0004645
, L0004650
            , L0004651
                        , L0004652
                                                              , L0004657
               L0004653
                        , L0004659
                        , L0004660
 L0004658
                         , L0004662
                                     , L0004663        , L0004664
                                                               , L0004665
               L0004661
, L0004666 , L0004667
                               *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474857.73 474872.73
 3755611.53
                  0.49657
                              0.51219
 3755596.53
                  0.43520
                              0.44635
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION 16216 *** ***
                    ***
                             13:29:06
```

\*\*\* NETWORK ID: UCART5 ; NETWORK TYPE:

PAGE 74
\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

<u>-6</u>		
*** THE PERIOD ( 43824 HRS) VALUES FOR SOURCE GROUP: ALL  ***	AVERAGE CONCE	NTRATION
<pre>INCLUDING SOURCE(S):</pre>	L0004640	, L0004641
, L0004642 , L0004643 , L0004644 , L0004645 , L0004646 , L0004647 ,	L0004648	, L0004649
, L0004650 , L0004651 , L0004652 ,		•
	L0004656	, L0004657
L0004661 , L0004662 , L0004663 ,	L0004664	, L0004665
, L0004666 , L0004667 , ,		
*** NETWORK ID: UCART7 GRIDCART ***	; NETWORK	TYPE:
UNIDEAN		
** CONC OF TOG	IN MICROGRA	MS/M**3
	X-COORD (	
(METERS)   475108.79 475128.79 475148.79 475208.79 475228.79 475248.79 475268.79	475168.79	475188.79
3755333.70   0.16497 0.16565 0.16650	0.16770	0.16906
0.17043 0.17165 0.17317 0.17486		
3755313.70   0.15561 0.15623 0.15702 0.16034 0.16135 0.16241 0.16357	0.15801	0.15920
3755293.70   0.14731 0.14790 0.14859	0.14940	0.15040
0.15140	0.14170	0.14253
0.14337 0.14416 0.14490 0.14568		
3755253.70   0.13314 0.13363 0.13417 0.13621 0.13696 0.13766 0.13841	0.13476	0.13546
3755233.70   0.12692 0.12743 0.12796	0.12848	0.12906
0.12973	0.12281	0.12329
0.12389	0 11761	0 11001
0.11848 0.11907 0.11962 0.12012	0.11761	0.11801
3755173.70   0.11133 0.11184 0.11231	0.11274	0.11307
0.11353	0.10819	0.10849
0.10891		
*** AERMOD - VERSION 21112 *** 2029 OPERATIONS - 04/06/22	AUTO 10G	
*** AERMET - VERSION 16216 *** ***		
*** 13:29:06		

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*** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                       , L0004641
                                                           L0004640
, L0004642
                            , L0004644
              L0004643
                                           , L0004647
                 L0004645
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                                                         , L0004648
                                                                       , L0004649
 L0004650
              , L0004651
                            , L0004652
                 L0004653
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                                                         , L0004656
                                                                       , L0004657
              , L0004659
                            , L0004660
 L0004658
                 L0004661
                            , L0004662
                                                         , L0004664
                                           , L0004663
                                                                       , L0004665
 L0004666
              , L0004667
                                   *** NETWORK ID: UCART7
                                                            ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475288.79
  3755333.70
                     0.17578
  3755313.70 l
                     0.16446
  3755293.70
                     0.15480
  3755273.70
                     0.14650
  3755253.70
                     0.13913
  3755233.70
                     0.13240
  3755213.70
                     0.12625
  3755193.70
                     0.12056
  3755173.70
                     0.11531
  3755153.70
                     0.11050
 *** AERMOD - VERSION 21112
                                    *** 2029 OPERATIONS - AUTO TOG
                                    04/06/22
 *** AERMET - VERSION
                       16216 ***
                                   ***
                                  13:29:06
                                  PAGE 76
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0004640
                                                                       , L0004641
              , L0004643
, L0004642
                            , L0004644
                                                                       , L0004649
                 L0004645
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                                           , L0004647 , L0004648
, L0004650
              , L0004651
                            , L0004652
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L0004653 , L0004654 , L0004655 , L0004656 , L0004657
, L0004658
           , L0004659
                       , L0004660
                       , L0004662
                                   , L0004663 , L0004664 , L0004665
              L0004661
            , L0004667
. L0004666
                       , . . .
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS)
              475151.63 475171.63 475191.63
                                               475211.63 475231.63
475251.63 475271.63 475291.63 475311.63
 3755398.30 | 0.21034 0.21215 0.21376
                                                 0.21549
                                                             0.21767
0.21943 0.22080 0.22175 0.22261
 3755378.30 0.19488 0.19629
                                       0.19751 0.19904
                                                             0.20116
0.20310 0.20453 0.20535 0.20602
 3755358.30 | 0.18130 0.18253 0.18353
                                                 0.18497
                                                             0.18693
0.18879 0.19033 0.19110 0.19155
 3755338.30
                0.16917
                           0.17041
                                       0.17173 0.17313
                                                             0.17444
         0.17775
0.17612
                      0.17863
                                 0.17890
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                     ***
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:29:06
                            PAGE 77
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004640 , L0004641
            , L0004643
                       , L0004644
, L0004642
                       , L0004646
              L0004645
                                  , L0004647 , L0004648 , L0004649
, L0004650
           , L0004651
                       , L0004652
                       , L0004654
                                  , L0004655
                                               , L0004656 , L0004657
              L0004653
, L0004658
            , L0004659
                       , L0004660
              L0004661
                       , L0004662 , L0004663 , L0004664 , L0004665
, L0004666
           , L0004667
                       , . . .
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
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Y-COORD
                                                    X-COORD (METERS)
   (METERS)
              475331.63 475351.63 475371.63
 3755398.30
                0.22338
                            0.22406 0.22466
 3755378.30
                 0.20654
                            0.20707
                                      0.20774
 3755358.30
                                       0.19318
                 0.19200
                            0.19253
 3755338.30
                0.17923
                            0.17981
                                       0.18057
↑ *** AERMOD - VERSION 21112
                         *** *** 2029 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:29:06
                            PAGE 78
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004640
                                                            , L0004641
, L0004642
           , L0004643
                       , L0004644
                       , L0004646 , L0004647 , L0004648 , L0004649
              L0004645
                       , L0004652
           , L0004651
, L0004650
                       , L0004654 , L0004655 , L0004656 , L0004657
              L0004653
           , L0004659
                       , L0004660
, L0004658
                       , L0004662 , L0004663 , L0004664 , L0004665
             L0004661
L0004666
           , L0004667
                             *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                    X-COORD (METERS)
              475185.62 475205.62 475225.62 475245.62 475265.62
   (METERS)
475285.62 475305.62 475325.62 475345.62
 3755444.04 0.25834 0.26136 0.26431 0.26713
                                                             0.26955
0.27156 0.27316 0.27448 0.27540
 3755424.04 | 0.23661 0.23907 0.24137 0.24367
                                                             0.24555
           0.24834 0.24944 0.25022
 3755404.04 | 0.21813 0.21991 0.22199
                                                  0.22406
                                                             0.22555
           0.22773 0.22850 0.22917
0.22669
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:29:06
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PAGE 79
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                        , L0004641
                                                            L0004640
, L0004642
                            , L0004644
              L0004643
                 L0004645
                                            , L0004647
                             , L0004646
                                                          , L0004648
                                                                        , L0004649
 L0004650
              , L0004651
                            , L0004652
                             , L0004654
                 L0004653
                                            , L0004655
                                                          , L0004656
                                                                        , L0004657
              , L0004659
                            , L0004660
 L0004658
                             , L0004662
                                                          , L0004664
                 L0004661
                                            , L0004663
                                                                        , L0004665
 L0004666
              , L0004667
                                   *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                             IN MICROGRAMS/M**3
    Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   475365.62
  3755444.04
                     0.27607
  3755424.04
                     0.25090
  3755404.04
                     0.22985
★ *** AERMOD - VERSION 21112
                                    *** 2029 OPERATIONS - AUTO TOG
                                    04/06/22
 *** AERMET - VERSION
                       16216 ***
                                  13:29:06
                                  PAGE 80
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                            L0004640
                                                                        , L0004641
, L0004642
              , L0004643
                            , L0004644
                                           , L0004647
                 L0004645
                             , L0004646
                                                          , L0004648
                                                                        , L0004649
              , L0004651
 L0004650
                            , L0004652
                             , L0004654
                                                          , L0004656
                                                                        , L0004657
                 L0004653
                                            , L0004655
                            , L0004660
 L0004658
              , L0004659
                             , L0004662
                                            , L0004663
                 L0004661
                                                          , L0004664
                                                                        , L0004665
 L0004666
              , L0004667
                            , . . .
                                   *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
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**	CONC	ΩF	TOG	TN	MTCRO	OGRAMS	:/M**3

Y-COORD   (METERS)   475330.47 475	475230.47 5350.47	475250.47	475270.47	X-COORD 475290.47	(METERS) 475310.47
3755490.18   0.35902 0.	0.34049 .36053	0.34560	0.34995	0.35376	0.35699
3755470.18   0.31669 0.	0.30290	0.30663	0.30997	0.31273	0.31507
3755450.18	0.27304	0.27599	0.27850	0.28057	0.28220
	VERSION 21112 **	04/06/2		- AUTO TOG	
	***	13:29:06			
*** MODELOPTs:	RegDFAULT CO	PAGE 81 NC ELEV U	RBAN ADJ_U*		
VALUES FOR COUR		* THE PERIO	D ( 43824 HRS)	) AVERAGE CONC	ENTRATION
VALUES FOR SOURCE	LE GROUP: ALL		SOURCE(S):	L0004640	, L0004641
, L0004642 ,	_	004644 , 0004646	, L0004647	, L0004648	, L0004649
, L0004650 ,		004652 ,		, L0004656	, L0004657
, L0004658 ,	L0004659 , L0	004660 ,			•
, L0004666 ,	10004667	0004662	, L0004663	, L0004664	, L0004665
		*** NFTM	ORK ID: UCART1	13 · NETWORK	TVDF
GRIDCART ***		NETW	OIII ID. OCAIII	IJ , NETWOKK	
	**	**	CONC OF TOG	IN MICROGR	AMS/M**3
Y-COORD   (METERS)	475254.84 	475274.84 	475294 <b>.</b> 84 		(METERS) 475334.84
3755513.80   3755493.80   ↑ *** AERMOD - \	0.41036 0.35512 VERSION 21112 **	0.41682 0.35958 ** *** 202 04/06/2	0.36345 9 OPERATIONS		0.42886 0.36849

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13:29:06
                                  PAGE 82
                   RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                            L0004640
                                                                        , L0004641
, L0004642
              L0004643
                            , L0004644
                 L0004645
                             , L0004646
                                            , L0004647
                                                          , L0004648
                                                                        . L0004649
              , L0004651
 L0004650
                            , L0004652
                             , L0004654
                                            , L0004655
                                                                        , L0004657
                 L0004653
                                                          , L0004656
              , L0004659
                            , L0004660
 L0004658
                 L0004661
                             , L0004662
                                            , L0004663
                                                          , L0004664
                                                                        , L0004665
, L0004666
              , L0004667
                                   *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF TOG
                                                             IN MICROGRAMS/M**3
    Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   475293.48
                                475313.48
                                             475333.48
                                                           475353.48
                                                                        475373.48
  3755332.63 l
                     0.17528
                                  0.17558
                                               0.17595
                                                             0.17662
                                                                          0.17733
  3755312.63
                     0.16407
                                  0.16463
                                               0.16527
                                                             0.16597
                                                                          0.16670
  3755292.63
                                               0.15593
                                                             0.15659
                     0.15450
                                  0.15521
                                                                          0.15716
  3755272.63
                     0.14628
                                  0.14699
                                               0.14763
                                                             0.14822
                                                                          0.14865
                                                             0.14055
  3755252.63
                     0.13893
                                  0.13953
                                               0.14010
                                                                          0.14091
  3755232.63 l
                     0.13221
                                  0.13275
                                               0.13319
                                                             0.13357
                                                                          0.13386
  3755212.63
                                  0.12650
                                                                          0.12748
                     0.12605
                                               0.12687
                                                             0.12718
↑ *** AERMOD - VERSION 21112
                                    *** 2029 OPERATIONS - AUTO TOG
                                    04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                                  13:29:06
                                  PAGE 83
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                            L0004640
                                                                        , L0004641
 L0004642
              , L0004643
                            , L0004644
                                            , L0004647
                                                          , L0004648
                 L0004645
                            , L0004646
                                                                        , L0004649
, L0004650
              , L0004651
                            , L0004652
                                           , L0004655
                 L0004653
                             , L0004654
                                                          , L0004656
                                                                        , L0004657
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\*\*\* AERMET - VERSION 16216 \*\*\*

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, L0004658
            , L0004659
                          , L0004660
                L0004661
                          , L0004662
                                        , L0004663 , L0004664 , L0004665
 L0004666
             , L0004667
                                 *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG
                                                        IN MICROGRAMS/M**3
                  **
  Y-COORD
                                                          X-COORD (METERS)
                                       474706.04
  (METERS)
                474691.04
                                                               474721.04
     474736.04
                            474751.04
                1.14195 (11091107) 1.18816 (11091107)
 3755633.6
                                                              1.23587 (11091107)
    1.28631 (11091107)
                           1.34016 (11091107)
 3755618.6
                 0.95579 (11091107)
                                       0.99024 (11091107) 1.02648 (11091107)
    1.06456 (11091107)
                           1.10469 (11091107)
                                       0.84211 (11091107)
                 0.81562 (11091107)
                                                             0.87001 (11091107)
    0.89934 (11091107)
                           0.93020 (11091107)
                 0.73953 (16062006)
                                       0.75376 (16062006)
                                                            0.76766 (16062006)
    0.78241 (16062006)
                           0.79775 (16062006)
 3755573.6
                 0.68066 (16062006)
                                       0.69258 (16062006)
                                                              0.70445 (16062006)
    0.71697 (16062006)
                           0.72970 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                       ***
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                                 ***
                                13:29:06
                                PAGE 84
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                      L0004640
                                                                   . L0004641
             , L0004643
                          , L0004644
, L0004642
                          , L0004646
                                         , L0004647
                                                    , L0004648
                L0004645
                                                                   , L0004649
 L0004650
             , L0004651
                          , L0004652
                          , L0004654
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                                                     , L0004656
                L0004653
                                                                   , L0004657
                          , L0004660
 L0004658
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                          , L0004662
                                       , L0004663
                                                      , L0004664
                L0004661
                                                                   , L0004665
, L0004666
             , L0004667
                                 *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
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Y-COORD
                                                         X-COORD (METERS)
                                                              474796.04
                474766.04
                                      474781.04
  (METERS)
                1.39820 (11091107) 1.46020 (11091107)
                                                             1.52083 (11091107)
3755633.6
                1.14820 (11091107)
                                     1.19369 (11091107)
                                                             1.23353 (11091107)
3755618.6
                0.96292 (11091107)
                                      0.99713 (11091107)
                                                            1.02770 (11091107)
3755603.6
                0.82189 (11091107)
                                      0.84848 (11091107)
                                                             0.87366 (11091107)
3755588.6
                0.74289 (16062006) 0.75541 (16062006)
3755573.6
                                                             0.76134 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               13:29:06
                               PAGE 85
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                    L0004640
                                                                  . L0004641
                          , L0004644
, L0004642
             , L0004643
                         , L0004646
                                        , L0004647 , L0004648
               L0004645
                                                                  , L0004649
             , L0004651
, L0004650
                         , L0004652
                         , L0004654
                                                   , L0004656
               L0004653
                                      , L0004655
                                                                  , L0004657
 L0004658
             , L0004659
                         , L0004660
                                      , L0004663
                          , L0004662
                                                     , L0004664
               L0004661
                                                                  , L0004665
 L0004666
             , L0004667
                                *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG
                                                       IN MICROGRAMS/M**3
 Y-COORD |
                                                         X-COORD (METERS)
  (METERS) |
                 474790.51
                                        474805.51
                                                              474820.51
                           474850.51
     474835.51
3755606.1 |
                1.04606 (11091107)
                                      1.07562 (11091107) 1.10841 (11091107)
                          1.18606 (11091107)
    1.14403 (11091107)
                                      0.91094 (11091107)
3755591.1
                0.88701 (11091107)
                                                           0.93767 (11091107)
                          0.99853 (11091107)
    0.96634 (11091107)
3755576.1
                0.77086 (16062006)
                                      0.78413 (11091107) 0.80634 (11091107)
    0.82938 (11091107)
                          0.85506 (11091107)
                0.70638 (16062006)
                                      0.71077 (16062006) 0.72109 (16062006)
3755561.1
    0.73208 (16062006)
                          0.74521 (16062006)
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↑ *** AERMOD - VERSION 21112 ***
                                  *** 2029 OPERATIONS - AUTO TOG
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 13:29:06
                                 PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0004640
                                                                      , L0004641
, L0004642
              , L0004643
                           , L0004644
                L0004645
                           , L0004646
                                          , L0004647
                                                       , L0004648
                                                                      , L0004649
                           , L0004652
              , L0004651
 L0004650
                           , L0004654
                L0004653
                                          , L0004655
                                                        , L0004656
                                                                      , L0004657
              , L0004659
 L0004658
                           , L0004660
                L0004661
                            , L0004662
                                          , L0004663
                                                       , L0004664
                                                                      , L0004665
, L0004666
             , L0004667
                                  *** NETWORK ID: UCART2
                                                           ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
 Y-COORD
                                                             X-COORD (METERS)
  (METERS)
                  474865.51
                                          474880.51
                                                                  474895.51
                 1.23171 (11091107)
                                         1.28028 (11091107)
3755606.1 |
                                                                 1.33347 (11091107)
                 1.03233 (11091107)
                                         1.06788 (11091107)
                                                                 1.10346 (11091107)
3755591.1
                 0.88154 (11091107)
                                         0.90875 (11091107)
                                                                 0.93481 (11091107)
3755576.1
3755561.1
                 0.76333 (11091107)
                                         0.78511 (11091107)
                                                                 0.80704 (11091107)
★ *** AERMOD - VERSION 21112 ***
                                   *** 2029 OPERATIONS - AUTO TOG
                                  04/06/22
*** AERMET - VERSION
                      16216 ***
                                 13:29:06
                                 PAGE 87
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0004640
                                                                      , L0004641
, L0004642
                            , L0004644
              , L0004643
                           , L0004646
                                                        , L0004648
                L0004645
                                          , L0004647
                                                                      , L0004649
 L0004650
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                           , L0004652
                                          , L0004655
                                                       , L0004656
                            , L0004654
                                                                      , L0004657
                L0004653
, L0004658
             , L0004659
                           , L0004660
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L0004661 , L0004662 , L0004663 , L0004664 , L0004665
, L0004666 , L0004667
                              *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
                                                     X-COORD (METERS)
 Y-COORD
 (METERS) | 474800.90
                            474815.90
3755623.3 | 1.32765 (11091107) 1.37544 (11091107)
3755608.3 | 1.09560 (11091107) 1.12832 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                             13:29:06
                             PAGE 88
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640 , L0004641
, L0004642
            , L0004643 , L0004644 , L0004645 , L0004647 , L0004648 , L0004649
, L0004650
           , L0004651
                       , L0004652
                       , L0004654 , L0004655 , L0004656 , L0004657
              L0004653
           , L0004659
                       , L0004660
, L0004658
              L0004661 , L0004662 , L0004663 , L0004664 , L0004665
, L0004666 , L0004667
                             *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                     X-COORD (METERS)
          474820.81
 (METERS) |
                                   474835.81
3755622.5 |
3755607.5 |
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*** AERMET - VERSION 16216 ***
                               13:29:06
                               PAGE 89
                 RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                     L0004640
                                                                 , L0004641
, L0004642
             , L0004643
                          , L0004644
                         , L0004646
                                       , L0004647 , L0004648
               L0004645
                                                                 , L0004649
            , L0004651
 L0004650
                         , L0004652
                                     , L0004655
                                                   , L0004656
                         , L0004654
               L0004653
                                                                , L0004657
                         , L0004660
             , L0004659
 L0004658
                         , L0004662
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               L0004661
                                                    , L0004664
                                                                 , L0004665
, L0004666
             , L0004667
                                *** NETWORK ID: UCART5
                                                      ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG
                                                       IN MICROGRAMS/M**3
 Y-COORD |
                                                         X-COORD (METERS)
  (METERS) |
                 474838.93
                                       474853.93
                3755615.4
 3755600.4
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                                04/06/22
 *** AERMET - VERSION 16216 ***
                     ***
                               13:29:06
                               PAGE 90
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0004640
                                                                 , L0004641
, L0004642
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               L0004645
                                                                 , L0004649
, L0004650
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               L0004653
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                          , L0004660
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, L0004666
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\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE:

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** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                             X-COORD (METERS)
 (METERS) | 474857.73 474872.73
             3755611.5
3755596.5
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                        04/06/22
*** AERMET - VERSION 16216 *** ***
                        13:29:06
                         PAGE 91
*** MODELOPTs:
             RegDFAULT CONC ELEV URBAN ADJ U*
                      *** THE
                             1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                         INCLUDING SOURCE(S): L0004640 , L0004641
, L0004642
          , L0004643 , L0004644
            L0004645 , L0004646 , L0004647 , L0004648
                                                   , L0004649
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, L0004650
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                    L0004653
                                                   , L0004657
L0004658 , L0004659
                    , L0004660
                   , L0004662 , L0004663 , L0004664 , L0004665
            L0004661
, L0004666
         , L0004667
                         *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                             ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                             X-COORD (METERS)
 (METERS)
             475108.79
                               475128.79
                                                 475148.79
    475168.79
                     475188.79
3755333.7 | 0.36484 (16062006) 0.36674 (16062006) 0.36882 (16062006)
   0.37130 (16062006) 0.37392 (16062006)
3755313.7
             0.34429 (16062006) 0.34600 (16062006) 0.34788 (16062006)
                     0.35225 (16062006)
   0.34996 (16062006)
3755293.7
             3755273.7 | 0.30951 (16062006) 0.31084 (16062006) 0.31223 (16062006)
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0.29568 (16062006) 0.29697 (16062006)
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    0.29828 (16062006)
3755233.7 |
               0.28058 (16062006)
                                    0.28182 (16062006)
                                                         0.28302 (16062006)
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    0.28420 (16062006)
3755213.7
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                                    0.26910 (16062006) 0.27027 (16062006)
    0.27137 (16062006)
                         0.27240 (16062006)
3755193.7
               0.25633 (16062006)
                                                        0.25860 (16062006)
                                    0.25750 (16062006)
    0.25959 (16062006)
                         0.26048 (16062006)
               0.24567 (16062006)
3755173.7
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    0.24862 (16062006)
                         0.24938 (16062006)
3755153.7
               0.23580 (16062006)
                                    0.23669 (16062006) 0.23760 (16062006)
    0.23841 (16062006) 0.23910 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             13:29:06
                             PAGE 92
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640
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            , L0004667
                              *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                      X-COORD (METERS)
              475208.79
 (METERS)
                                    475228.79
                                                          475248.79
     475268.79
                          475288.79
3755333.7
               0.38138 (16062006)
    0.38409 (16062006)
                         0.38580 (16062006)
               0.35440 (16062006)
3755313.7
                                    0.35633 (16062006) 0.35827 (16062006)
                         0.36186 (16062006)
    0.36026 (16062006)
               0.33474 (16062006) 0.33637 (16062006) 0.33794 (16062006)
3755293.7 l
    0.33951 (16062006)
                         0.34100 (16062006)
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3755273.7 | 0.31704 (16062006) 0.31854 (16062006) 0.31992 (16062006)
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                         0.32270 (16062006)
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3755253.7
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                                                        0.30380 (16062006)
    0.30509 (16062006)
                         0.30631 (16062006)
                                                     0.28917 (16062006)
3755233.7
               0.28668 (16062006)
                                    0.28797 (16062006)
    0.29031 (16062006)
                         0.29135 (16062006)
                                                         0.27577 (16062006)
               0.27355 (16062006)
                                    0.27466 (16062006)
                         0.27767 (16062006)
    0.27679 (16062006)
3755193.7
               0.26142 (16062006)
                                    0.26246 (16062006)
                                                         0.26342 (16062006)
                         0.26505 (16062006)
    0.26429 (16062006)
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               0.25027 (16062006)
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    0.25275 (16062006)
                         0.25342 (16062006)
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    0.24207 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             13:29:06
                             PAGE 93
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640
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, L0004642
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              L0004645
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              L0004653
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              L0004661
                                    , L0004663
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                                                             , L0004665
 L0004666
            , L0004667
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS)
                475151.63
                                     475171.63
                                                          475191.63
     475211.63
               0.46190 (16062006) 0.46575 (16062006) 0.46926 (16062006)
3755398.3 l
                         0.47679 (16062006)
    0.47281 (16062006)
3755378.3
               0.42906 (16062006)
                                    0.43217 (16062006) 0.43496 (16062006)
                         0.44175 (16062006)
    0.43803 (16062006)
3755358.3
               0.40523 (16062006)
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0.37710 (16062006) 0.37968 (16062006)
3755338.3
               0.37455 (16062006)
                         0.38473 (16062006)
    0.38229 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION
                   16216 ***
                              ***
                    ***
                             13:29:06
                             PAGE 94
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                                                              , L0004641
                             INCLUDING SOURCE(S):
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, L0004642
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              L0004661
, L0004666
            , L0004667
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG
                                                   IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) | 475251.63
                                     475271.63
                                                          475291.63
     475311.63
                         475331.63
               3755398.3
                                                        0.48503 (16062006)
                         0.48861 (16062006)
    0.48693 (16062006)
               0.44513 (16062006)
                                    0.44778 (16062006)
                                                     0.44960 (16062006)
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    0.45115 (16062006)
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                                    0.41719 (16062006) 0.41882 (16062006)
3755358.3
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                         0.42109 (16062006)
3755338.3
               0.38754 (16062006) 0.39019 (16062006) 0.39185 (16062006)
                         0.39359 (16062006)
    0.39273 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                    ***
                             13:29:06
                             PAGE 95
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
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*** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                         ALL
                                  INCLUDING SOURCE(S):
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                                                        , L0004664
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 L0004666
              , L0004667
                                   *** NETWORK ID: UCART8
                                                          ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
 Y-COORD
                                                              X-COORD (METERS)
  (METERS)
                  475351.63
                                           475371.63
                 0.49006 (16062006)
 3755398.3
                                         0.49130 (16062006)
                 0.45359 (16062006)
                                         0.45484 (16062006)
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                  0.42219 (16062006)
                                         0.42337 (16062006)
 3755358.3
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                                        0.39594 (16062006)
 3755338.3
★ *** AERMOD - VERSION 21112 ***
                                   *** 2029 OPERATIONS - AUTO TOG
                                   04/06/22
 *** AERMET - VERSION
                       16216 ***
                                  ***
                                  13:29:06
                                  PAGE 96
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                  ***
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
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              , L0004667
                                   *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
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\*\* CONC OF TOG

IN MICROGRAMS/M\*\*3

```
Y-COORD
                                                  X-COORD (METERS)
             475185.62
 (METERS)
                                 475205.62
                                                      475225.62
               475265.62
    475245.62
3755444.0 | 0.56563 (16062006) 0.57164 (16062006) 0.57738 (16062006)
    0.58278 (16062006)
                       0.58749 (16062006)
              0.51862 (16062006)
3755424.0
                                 0.52350 (16062006) 0.52803 (16062006)
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3755404.0
              0.47867 (16062006) 0.48239 (16062006) 0.48635 (16062006)
    0.49018 (16062006) 0.49317 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 ***
                           13:29:06
                           PAGE 97
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                        *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0004640
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             L0004653 , L0004654 , L0004655 , L0004656 , L0004657
          , L0004659
                      , L0004660
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                      , L0004662
             L0004661
, L0004666
           , L0004667
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                  X-COORD (METERS)
 (METERS) | 475285.62
                                 475305.62
                                                      475325.62
    475345.62
                       475365.62
3755444.0 | 0.59150 (16062006) 0.59480 (16062006)
                                                    0.59755 (16062006)
    0.59964 (16062006)
                       0.60263 (11091107)
                                0.53931 (16062006)
3755424.0
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    0.54599 (16062006)
              0.49563 (16062006) 0.49783 (16062006) 0.49958 (16062006)
3755404.0
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★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION
                   16216 ***
                            13:29:06
                             PAGE 98
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640
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              L0004653
           , L0004659
, L0004658
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                       , L0004662 , L0004663 , L0004664 , L0004665
              L0004661
, L0004666
           , L0004667
                             *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                    X-COORD (METERS)
 (METERS)
              475230.47
                                   475250.47
                                                         475270.47
     475290.47
                         475310.47
3755490.2 | 0.77019 (11091107) 0.79276 (11091107) 0.81413 (11091107)
    0.83347 (11091107)
                        0.85010 (11091107)
3755470.2
               0.65998 (16062006)
                                   0.69490 (11091107)
                        0.70930 (11091107)
3755450.2
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    0.61061 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                            13:29:06
                   ***
                             PAGE 99
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
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                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004640
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               L0004661
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                                                                   , L0004665
, L0004666
             , L0004667
                                *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                          X-COORD (METERS)
  (METERS)
             475330.47
                                        475350.47
                3755490.2
                0.72206 (11091107)0.73281 (11091107)0.61675 (16062006)0.62431 (11091107)
3755470.2
3755450.2
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                                13:29:06
                               PAGE 100
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004640
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, L0004658
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                                                     , L0004664
               L0004661
                                                                   . L0004665
, L0004666
             , L0004667
                                *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                          X-COORD (METERS)
                                        475274.84
                                                               475294.84
  (METERS)
                 475254.84
     475314.84
                            475334.84
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3755513.8
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                                   1.04652 (11091107) 1.06986 (11091107)
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                                   0.84789 (11091107) 0.86731 (11091107)
    0.88373 (11091107) 0.89709 (11091107)
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                             04/06/22
                            ***
*** AERMET - VERSION 16216 ***
                             13:29:06
                             PAGE 101
                RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                             INCLUDING SOURCE(S): L0004640
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, L0004666
            , L0004667
                              *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) |
              475293.48
                                   475313.48
                                                         475333.48
     475353.48
                         475373.48
3755332.6 | 0.38475 (16062006) 0.38562 (16062006) 0.38650 (16062006)
    0.38769 (16062006)
                        0.38886 (16062006)
3755312.6
               0.36098 (16062006)
                                    0.36443 (16062006)
                        0.36557 (16062006)
3755292.6
               0.34271 (16062006)
                        0.34470 (16062006)
    0.34379 (16062006)
3755272.6
               0.32210 (16062006)
                                    0.32330 (16062006) 0.32435 (16062006)
    0.32529 (16062006)
                        0.32601 (16062006)
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                                  0.30676 (16062006)
                                                       0.30769 (16062006)
                        0.30904 (16062006)
    0.30845 (16062006)
                                   0.29173 (16062006) 0.29248 (16062006)
               0.29084 (16062006)
3755232.6
                        0.29441 (11102317)
    0.29311 (16062006)
               0.27716 (16062006) 0.27792 (16062006) 0.27855 (16062006)
3755212.6
    0.28007 (11102317)
                      0.28250 (11102317)
```

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* 13:29:06 PAGE 102 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF TOG IN MICROGRAMS/M\*\*3 \*\* NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID 0.56854 AT ( 474796.04, 3755633.62, 496.60, ALL 1ST HIGHEST VALUE IS 0.00) GC UCART1 789.90, 2ND HIGHEST VALUE IS 0.55311 AT ( 474781.04, 3755633.62, 497.00, 0.00) GC UCART1 789.90, 3RD HIGHEST VALUE IS 0.53868 AT ( 474835.81, 3755622.54, 494.80, 789.90, 0.00) GC UCART4 4TH HIGHEST VALUE IS 0.53619 AT ( 474766.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 0.52403 AT ( 474815.90, 3755623.35, 495.20, 5TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3 6TH HIGHEST VALUE IS 0.52376 AT ( 474820.81, 3755622.54, 495.00, 789.90, 0.00) GC UCART4 7TH HIGHEST VALUE IS 0.52041 AT ( 474751.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 8TH HIGHEST VALUE IS 0.51321 AT ( 474853.93, 3755615.41, 493.60, 0.00) GC UCART5 789.90, 9TH HIGHEST VALUE IS 0.51235 AT ( 474800.90, 3755623.35, 495.80, 0.00) GC UCART3 789.90, 10TH HIGHEST VALUE IS 0.51219 AT ( 474872.73, 3755611.53, 493.50, 789.90, 0.00) GC UCART6 \*\*\* RECEPTOR TYPES: GC = GRIDCART GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - AUTO TOG

04/06/22

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*** AERMET - VERSION 16216 *** ***
                    ***
                             13:29:06
                             PAGE 103
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                          *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
             **
                                               DATE
                                   NETWORK
GROUP ID
                                                        RECEPTOR
                             AVERAGE CONC
                                            (YYMMDDHH)
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
HIGH 1ST HIGH VALUE IS 1.52083 ON 11091107: AT ( 474796.04,
          496.60, 789.90, 0.00) GC UCART1
3755633.62,
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                             13:29:06
                             PAGE 104
*** 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
                   4 Warning Message(s)
          2028 Informational Message(s)
A Total of
A Total of
               43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of
               1050 Missing Hours Identified ( 2.40 Percent)
```

## \*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\* \*\*\* NONE \*\*\*

****	**** WARNING	MESSAGES	*****			
ME W186 0.50	1163 ð	MEOPEN: T	HRESH_1MIN	1-min ASOS	wind speed th	nreshold used
ME W187	1163	MEOPEN: A	.DJ_U* Opti	on for Stab	le Low Winds ι	used in AERMET
MX W450 1401010:	17521 l	CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:
MX W450 2 year ga		CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:

\*\*\*\*\*\*\*\*\*\*\* \*\*\* AERMOD Finishes Successfully \*\*\*
\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall 2036\MVMall2036.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2036 Operations - Auto TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMall2036.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 SR60 EB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.0139
** Vertical Dimension = 1.19
** SZINIT = 0.55
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 0.59, 5.35
** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
** 475301.985, 3755606.087, 502.95, 0.59, 5.35
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	LOCATION	L0005176	VOLUME	473605.273	3755940.955	488.97
	LOCATION	L0005177	VOLUME	473616.537	3755938.634	489.45
	LOCATION	L0005178	VOLUME	473627.800	3755936.314	489.92
	LOCATION	L0005179	VOLUME	473639.064	3755933.994	490.35
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.0139
** Vertical Dimension = 1.19
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- \*\* End of LINE VOLUME Source ID = SLINE2
- \*\* Source Parameters \*\*
- \*\* LINE VOLUME Source ID = SLINE1

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	L0005393	0.0000524528	0.59	5.35	0.55
	L0005394	0.0000524528	0.59	5.35	0.55
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	L0005397	0.0000524528	0.59	5.35	0.55
	L0005398	0.0000524528	0.59	5.35	0.55
	L0005399	0.0000524528	0.59	5.35	0.55
	L0005400	0.0000524528	0.59	5.35	0.55
	L0005401	0.0000524528	0.59	5.35	0.55
	L0005402	0.0000524528	0.59	5.35	0.55
	L0005403	0.0000524528	0.59	5.35	0.55
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SRCPARAM	L0005406	0.0000524528	0.59	5.35	0.55
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SRCPARAM	L0005412	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005413	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005414	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005415	0.0000524528	0.59	5.35	0.55

	SRCPARAM	L0005416	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005417	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005418	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005419	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005420	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005421	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005422	0.0000524528	0.59	5.35	0.55
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	SRCPARAM	L0005424	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005425	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005426	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005427	0.0000524528	0.59	5.35	0.55
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	SRCPARAM	L0005429	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005430	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005431	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005432	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005433	0.0000524528	0.59	5.35	0.55
<b>*</b> *						
<b>*</b> *	LINE VOLU	JME Source ID	= SLINE2			
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	SRCPARAM	L0005436	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005437	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005438	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005439	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005440	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005441	0.0000526515	0.59	5.35	0.55
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	SRCPARAM	L0005460	0.0000526515	0.59	5.35	0.55
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			0.0000526515	0.59 0.59		
	SRCPARAM				5.35	0.55
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	SRCPARAM	L0005692	0.0000526515	0.59	5.35	0.55
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	SRCPARAM		0.0000526515	0.59	5.35	0.55
	SRCPARAM		0.0000526515	0.59	5.35	0.55
	SRCPARAM		0.0000526515	0.59	5.35	0.55
	SRCPARAM		0.0000526515	0.59	5.35	0.55
**						
	URBANSRC	ΔΙΙ				
	SRCGROUP					
	FINISHED	ALL				
**	I INISIILD					
***	*******	<*************	<b>****</b>			
		eceptor Pathwa	1 <b>y</b> k******			
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	CTADTTNC					
	STARTING	M) (M = 1 1 2 2 2 C				
		MVMall2036.rd	ou			
ΚE	FINISHED					

<sup>\*\*</sup> AERMOD Meteorology Pathway

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  SURFFILE PERI_V9_ADJU\PERI_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\MVMall 2036\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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**
**
OU STARTING
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  RECTABLE 1 1ST
** Auto-Generated Plotfiles
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31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD View\MVMall_2036\MVMALL2036.AD\PE00GALL.PLT"
32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall 2036\MVMall2036.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
          World Geodetic System 1984
** DATUM
** DTMRGN Global Definition
** UNITS
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL 2036\MVMALL2036.ADI
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** AERMOD CONTROL PATHWAY
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**
CO STARTING
  TITLEONE 2036 OPERATIONS - AUTO TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMALL2036.ERR
CO FINISHED
**
************
** AERMOD SOURCE PATHWAY
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**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** _____
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC SR60 EB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0139
** VERTICAL DIMENSION = 1.19
** SZINIT = 0.55
** NODES = 5
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** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
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\*\* 475301.985, 3755606.087, 502.95, 0.59, 5.35

\*\* 476529.628, 3755625.490, 502.55, 0.59, 5.35

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473627.800 3755936.314 489.92 LOCATION L0005178 VOLUME LOCATION L0005179 VOLUME 473639.064 3755933.994 490.35 473650.327 3755931.673 490.78 LOCATION L0005180 VOLUME LOCATION L0005181 473661.591 3755929.353 491.22 VOLUME LOCATION L0005182 VOLUME 473672.854 3755927.033 491.65 473684.118 3755924.712 492.05 LOCATION L0005183 **VOLUME** LOCATION L0005184 **VOLUME** 473695.381 3755922.392 492.35 473706.644 3755920.072 492.66 LOCATION L0005185 VOLUME LOCATION L0005186 473717.908 3755917.751 492.99 VOLUME

LOCATION L0005187 VOLUME 473729.171 3755915.431 493.34 LOCATION L0005188 VOLUME 473740.435 3755913.110 493.69 LOCATION L0005189 473751.698 3755910.790 494.07 VOLUME 473762.962 3755908.470 494.43 LOCATION L0005190 VOLUME

LOCATION L0005191 473774.225 3755906.149 494.81 VOLUME LOCATION L0005192 **VOLUME** 473785.489 3755903.829 495.19 LOCATION L0005193 473796.752 3755901.509 495.55 VOLUME

LOCATION L0005194 VOLUME 473808.016 3755899.188 495.90 473819.279 3755896.868 496.20 LOCATION L0005195 VOLUME 473830.543 3755894.548 496.50 LOCATION L0005196 VOLUME

LOCATION L0005197 VOLUME 473841.806 3755892.227 496.69 LOCATION L0005198 473853.070 3755889.907 496.85 **VOLUME** LOCATION L0005199 **VOLUME** 473864.333 3755887.587 497.06

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LOCATION L0005206 VOLUME 473943.178 3755871.344 499.40 473954.441 3755869.024 499.72 LOCATION L0005207 **VOLUME** LOCATION L0005208 VOLUME 473965.705 3755866.703 500.02

LOCATION L0005209 VOLUME 473976.968 3755864.383 500.32 LOCATION L0005210 473988.231 3755862.063 500.57 VOLUME

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LOCATION L0005215 VOLUME 474044.549 3755850.461 501.54

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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
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LOCATION L0005646
                      VOLUME
                                474102.094 3755862.413 502.40
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LOCATION L0005650
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                                474045.797 3755874.114 502.20
LOCATION L0005651
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LOCATION L0005652
                      VOLUME
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LOCATION L0005654
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LOCATION L0005655
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LOCATION L0005656
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LOCATION L0005657
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LOCATION L0005658
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LOCATION L0005659
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LOCATION L0005660
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LOCATION L0005662
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LOCATION L0005663
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LOCATION L0005665
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LOCATION L0005666
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                      VOLUME
LOCATION L0005667
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LOCATION L0005668
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LOCATION L0005669
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                                473831.868 3755918.577 497.15
LOCATION L0005670
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LOCATION L0005671
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LOCATION L0005672
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LOCATION L0005677
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LOCATION L0005678
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LOCATION L0005679
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LOCATION L0005680
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LOCATION L0005684
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LOCATION L0005686
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LOCATION L0005687
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LOCATION L0005689
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LOCATION L0005691
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LOCATION L0005692
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LOCATION L0005693
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LOCATION L0005694
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LOCATION L0005695
                      VOLUME
LOCATION L0005696
                      VOLUME
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LOCATION L0005697 VOLUME 473527.865 3755981.761 486.08

\*\* END OF LINE VOLUME SOURCE ID = SLINE2

\*\* SOURCE PARAMETERS \*\*

**	SOURCE PA	RAMETERS **				
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SRCPARAM	L0005398	0.0000524528	0.59	5.35	0.55
	L0005399	0.0000524528	0.59	5.35	0.55
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SRCPARAM	L0005401	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005402	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005403	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005404	0.0000524528	0.59	5.35	0.55
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SRCPARAM	L0005406	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005407	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005408	0.0000524528	0.59	5.35	0.55
SRCPARAM	L0005409	0.0000524528	0.59	5.35	0.55
	L0005410	0.0000524528	0.59	5.35	0.55
	L0005411	0.0000524528	0.59	5.35	0.55
	L0005412	0.0000524528	0.59	5.35	0.55
	L0005413	0.0000524528	0.59	5.35	0.55
	L0005414	0.0000524528	0.59	5.35	0.55
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	SRCPARAM	L0005416	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005417	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005418	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005419	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005420	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005421	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005422	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005423	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005424	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005425	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005426	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005427	0.0000524528	0.59	5.35	0.55
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	SRCPARAM	L0005429	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005430	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005431	0.0000524528	0.59	5.35	0.55
	SRCPARAM	L0005432	0.0000524528		5.35	0.55
	SRCPARAM	L0005433			5.35	0.55
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**	LINE VOLU	JME SOURCE ID	= SLINE2			
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	SRCPARAM	L0005436	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005437	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005438	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005439	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005440	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005441	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005442	0.0000526515	0.59	5.35	0.55
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	SRCPARAM	L0005445	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005446	0.0000526515	0.59	5.35	0.55
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	SRCPARAM	L0005460	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005461	0.0000526515	0.59	5.35	0.55
	SRCPARAM	L0005462	0.0000526515	0.59	5.35	0.55

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SRCPARAM	L0005464	0.0000526515	0.59	5.35	0.55
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SRCPARAM	L0005466	0.0000526515	0.59	5.35	0.55
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SRCPARAM	L0005468	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005469	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005470	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005471	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005472	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005473	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005474	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005475	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005476	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005477	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005478	0.0000526515	0.59	5.35	0.55
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	L0005481	0.0000526515	0.59	5.35	0.55
	L0005482	0.0000526515	0.59	5.35	0.55
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SRCPARAM	L0005512	0.0000526515	0.59	5.35	0.55

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SRCPARAM	L0005517	0.0000526515	0.59	5.35	0.55
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	L0005549	0.0000526515	0.59	5.35	0.55
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	L0005561	0.0000526515	0.59	5.35	0.55
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SRCPARAM	L0005666	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005667	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005668	0.0000526515	0.59	5.35	0.55
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SRCPARAM	L0005670	0.0000526515	0.59	5.35	0.55
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${\sf SRCPARAM}$	L0005678	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005679	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005680	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005681	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005682	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005683	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005684	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005685	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005686	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005687	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005688	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005689	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005690	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005691	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005692	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005693	0.0000526515	0.59	5.35	0.55
SRCPARAM	L0005694	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005695	0.0000526515	0.59	5.35	0.55
	L0005696	0.0000526515	0.59	5.35	0.55
${\sf SRCPARAM}$	L0005697	0.0000526515	0.59	5.35	0.55
URBANSRC	ALL				
SRCGROUP	ALL				
FINISHED					

\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*\*\*\*\*\*\*

\*\*

**RE STARTING** 

INCLUDED MVMALL2036.ROU

RE FINISHED

\*\*\*\*\*\*\*\*\*\*\*\*

```
** AERMOD METEOROLOGY PATHWAY
**************
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL_2036\PERI_V9_ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL 2036\PERI V9 ADJU\
  PROFFILE PERI V9 ADJU\PERI V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
*************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
            1 ALL 1ST "C:\LAKES\AERMOD
  PLOTFILE
VIEW\MVMALL 2036\MVMALL2036.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL 2036\MVMALL2036.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL 2036\MVMALL2036.SUM"
OU FINISHED
 *** Message Summary For AERMOD Model Setup ***
 ----- Summary of Total Messages -----
                     0 Fatal Error Message(s)
A Total of
A Total of
                     2 Warning Message(s)
A Total of
                     0 Informational Message(s)
   ****** FATAL ERROR MESSAGES ******
              *** NONE ***
   *****
             WARNING MESSAGES
ME W186
           1163
                     MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
           1163
```

```
*** SETUP Finishes Successfully ***
***********
*** AERMOD - VERSION 21112 ***
                                  *** 2036 OPERATIONS - AUTO TOG
                                  04/06/22
                                 ***
*** AERMET - VERSION 16216 ***
                                13:56:54
                                PAGE
                                       1
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                          ***
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 529 Source(s),
 for Total of
                 1 Urban Area(s):
 Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
       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: TOG
**Model Calculates 1 Short Term Average(s) of:
                                                 1-HR
   and Calculates PERIOD Averages
```

\*\*\*\*\*\*\*\*\*\*\*

\*\*This Run Includes: 529 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 529 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: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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) = 442.00; Decay Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 = MICROGRAMS/M\*\*3 Output Units \*\*Approximate Storage Requirements of Model = 3.8 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out \*\*Detailed Error/Message File: MVMALL2036.ERR \*\*File for Summary of Results: C:\LAKES\AERMOD VIEW\MVMALL\_2036\MVMALL2036.SUM ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

04/06/22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMISSION RA EMISSION RATE	TE	BASE	RELEASE	INIT.
SOURCE	PART. (GRAMS/SEC	) X Y	ELEV.	HEIGHT	SY
SZ SOURCE ID	CATS.	(METERS) (METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY				
L0005169 0.55 YES	0 0.52453E-04	473526.4 3755957.2	486.2	0.59	5.35
L0005170	0 0.52453E-04	473537.7 3755954.9	486.6	0.59	5.35
0.55 YES L0005171	0 0.52453E-04	473549.0 3755952.6	486.9	0.59	5.35
0.55 YES L0005172	0 0.52453E-04	473560.2 3755950.2	487.3	0.59	5.35
0.55 YES L0005173	0 0.52453E-04	473571.5 3755947.9	487.7	0.59	5.35
0.55 YES L0005174	0 0.52453E-04	473582.7 3755945.6	488.1	0.59	5.35
0.55 YES L0005175	0 0.52453E-04	473594.0 3755943.3	488.5	0.59	5.35
0.55 YES L0005176	0 0.52453E-04	473605.3 3755941.0	489.0	0.59	5.35
0.55 YES L0005177	0 0.52453E-04	473616.5 3755938.6	489.4	0.59	5.35
0.55 YES L0005178	0 0.52453E-04	473627.8 3755936.3	489.9	0.59	5.35
0.55 YES L0005179	0 0.52453E-04	473639.1 3755934.0	490.4	0.59	5.35
0.55 YES L0005180	0 0.52453E-04	473650.3 3755931.7	490.8	0.59	5.35
0.55 YES L0005181	0 0.52453E-04	473661.6 3755929.4	491.2	0.59	5.35
0.55 YES L0005182	0 0.52453E-04	473672.9 3755927.0	491.7	0.59	5.35
0.55 YES L0005183	0 0.52453E-04	473684.1 3755924.7	492.1	0.59	5.35
0.55 YES L0005184 0.55 YES	0 0.52453E-04	473695.4 3755922.4	492.4	0.59	5.35

L0005185 0.55 YES	0	0.52453E-04	473706.6 3755920.1	492.7	0.59	5.35
L0005186 0.55 YES	0	0.52453E-04	473717.9 3755917.8	493.0	0.59	5.35
L0005187 0.55 YES	0	0.52453E-04	473729.2 3755915.4	493.3	0.59	5.35
L0005188 0.55 YES	0	0.52453E-04	473740.4 3755913.1	493.7	0.59	5.35
L0005189 0.55 YES	0	0.52453E-04	473751.7 3755910.8	494.1	0.59	5.35
L0005190 0.55 YES	0	0.52453E-04	473763.0 3755908.5	494.4	0.59	5.35
L0005191 0.55 YES	0	0.52453E-04	473774.2 3755906.1	494.8	0.59	5.35
L0005192 0.55 YES	0	0.52453E-04	473785.5 3755903.8	495.2	0.59	5.35
L0005193 0.55 YES	0	0.52453E-04	473796.8 3755901.5	495.6	0.59	5.35
L0005194 0.55 YES	0	0.52453E-04	473808.0 3755899.2	495.9	0.59	5.35
L0005195 0.55 YES	0	0.52453E-04	473819.3 3755896.9	496.2	0.59	5.35
L0005196 0.55 YES	0	0.52453E-04	473830.5 3755894.5	496.5	0.59	5.35
L0005197 0.55 YES	0	0.52453E-04	473841.8 3755892.2	496.7	0.59	5.35
L0005198 0.55 YES	0	0.52453E-04	473853.1 3755889.9	496.9	0.59	5.35
L0005199 0.55 YES	0	0.52453E-04	473864.3 3755887.6	497.1	0.59	5.35
L0005200 0.55 YES	0	0.52453E-04	473875.6 3755885.3	497.3	0.59	5.35
L0005201 0.55 YES	0	0.52453E-04	473886.9 3755882.9	497.6	0.59	5.35
L0005202 0.55 YES	0	0.52453E-04	473898.1 3755880.6	498.0	0.59	5.35
L0005203 0.55 YES	0		473909.4 3755878.3	498.3	0.59	5.35
L0005204 0.55 YES	0		473920.7 3755876.0	498.7	0.59	5.35
L0005205 0.55 YES	0	0.52453E-04	473931.9 3755873.7		0.59	5.35
L0005206 0.55 YES	0		473943.2 3755871.3	499.4	0.59	5.35
L0005207 0.55 YES	0		473954.4 3755869.0	499.7	0.59	5.35
L0005208 0.55 YES	0		473965.7 3755866.7		0.59	5.35
↑ *** AERMOD -	VERSIO	ON 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	) (METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0005209	0	0.52453E-04	473977.0	3755864.4	500.3	0.59	5.35
0.55 YES							
L0005210	0	0.52453E-04	473988.2	3755862.1	500.6	0.59	5.35
0.55 YES	0	0 524525 04	472000 F	2755050 7	F00 7	0 50	F 2F
L0005211 0.55 YES	0	0.52453E-04	4/3999.5	3755859.7	500.7	0.59	5.35
L0005212	0	0.52453E-04	474010 8	3755857.4	500.9	0.59	5.35
0.55 YES	Ū	0.524552 04	474010.0	3,3303,.4	300.3	0.33	3.33
L0005213	0	0.52453E-04	474022.0	3755855.1	501.2	0.59	5.35
0.55 YES							
L0005214	0	0.52453E-04	474033.3	3755852.8	501.4	0.59	5.35
0.55 YES							
L0005215	0	0.52453E-04	474044.5	3755850.5	501.5	0.59	5.35
0.55 YES	•	0 504505 04	474055 0	2755040 4	F04 7	0 50	- 2-
L0005216	0	0.52453E-04	4/4055.8	3/55848.1	501.7	0.59	5.35
0.55 YES L0005217	0	0.52453E-04	171067 1	3755845.8	501.9	0.59	5.35
0.55 YES	O	0.J24JJL-04	474007.1	3/33043.0	301.5	0.33	3.33
L0005218	0	0.52453E-04	474078.3	3755843.5	502.0	0.59	5.35
0.55 YES							
L0005219	0	0.52453E-04	474089.6	3755841.2	502.2	0.59	5.35
0.55 YES							
L0005220	0	0.52453E-04	474100.9	3755838.9	502.3	0.59	5.35
0.55 YES	_						
L0005221	0	0.52453E-04	474112.1	3755836.5	502.5	0.59	5.35
0.55 YES	۵	0 524525 04	474122 4	2755024 2	F02 6	0 50	F 2F
L0005222 0.55 YES	0	0.52453E-04	4/4123.4	3/33834.2	502.6	0.59	5.35
L0005223	0	0.52453E-04	474134 7	3755831 9	502.7	0.59	5.35
0.55 YES	O	0.52-55L 04	r/ ±J¥/	2,22021.2	502.7	0.55	J.JJ
L0005224	0	0.52453E-04	474145.9	3755829.6	502.7	0.59	5.35
0.55 YES							

L0005225 0.55 YES	0	0.52453E-04	474157.2 3755827.3	502.7	0.59	5.35
L0005226 0.55 YES	0	0.52453E-04	474168.4 3755824.9	502.6	0.59	5.35
L0005227 0.55 YES	0	0.52453E-04	474179.7 3755822.6	502.4	0.59	5.35
L0005228 0.55 YES	0	0.52453E-04	474191.0 3755820.3	502.0	0.59	5.35
L0005229 0.55 YES	0	0.52453E-04	474202.2 3755818.0	500.1	0.59	5.35
L0005230 0.55 YES	0	0.52453E-04	474213.5 3755815.7	498.3	0.59	5.35
L0005231 0.55 YES	0	0.52453E-04	474224.8 3755813.3	498.6	0.59	5.35
L0005232 0.55 YES	0	0.52453E-04	474236.0 3755811.0	499.2	0.59	5.35
L0005233 0.55 YES	0	0.52453E-04	474247.3 3755808.7	500.3	0.59	5.35
L0005234 0.55 YES	0	0.52453E-04	474258.6 3755806.4	501.8	0.59	5.35
L0005235 0.55 YES	0	0.52453E-04	474269.8 3755804.1	502.8	0.59	5.35
L0005236 0.55 YES	0	0.52453E-04	474281.1 3755801.7	503.0	0.59	5.35
L0005237 0.55 YES	0	0.52453E-04	474292.3 3755799.4	503.1	0.59	5.35
L0005238 0.55 YES	0	0.52453E-04	474303.6 3755797.1	503.0	0.59	5.35
L0005239 0.55 YES	0	0.52453E-04	474314.9 3755794.8	503.0	0.59	5.35
L0005240 0.55 YES	0	0.52453E-04	474326.1 3755792.5	503.0	0.59	5.35
L0005241 0.55 YES	0	0.52453E-04	474337.4 3755790.1	503.0	0.59	5.35
L0005242 0.55 YES	0	0.52453E-04	474348.7 3755787.8	503.0	0.59	5.35
L0005243 0.55 YES	0		474359.9 3755785.5			5.35
L0005244 0.55 YES	0		474371.2 3755783.2		0.59	5.35
L0005245 0.55 YES	0		474382.5 3755780.9	503.1	0.59	5.35
L0005246 0.55 YES	0		474393.7 3755778.5	503.1	0.59	5.35
L0005247 0.55 YES	0		474405.0 3755776.2	503.2	0.59	5.35
L0005248 0.55 YES	0		474416.2 3755773.9			5.35
↑ *** AERMOD	- VERSIC	ON 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	UG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	
SZ SOURCE ID (METERS)	CATS.	DV	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0005249 0.55 YES	0	0.52453E-04	474427.5	3755771.6	503.3	0.59	5.35
L0005250 0.55 YES	0	0.52453E-04	474438.8	3755769.2	503.3	0.59	5.35
L0005251 0.55 YES	0	0.52453E-04	474450.0	3755766.9	503.3	0.59	5.35
L0005252 0.55 YES	0	0.52453E-04	474461.3	3755764.6	503.3	0.59	5.35
L0005253	0	0.52453E-04	474472.6	3755762.3	503.4	0.59	5.35
L0005254	0	0.52453E-04	474483.8	3755760.0	503.4	0.59	5.35
0.55 YES L0005255	0	0.52453E-04	474495.1	3755757.6	503.4	0.59	5.35
0.55 YES L0005256	0	0.52453E-04	474506.4	3755755.3	503.4	0.59	5.35
0.55 YES L0005257	0	0.52453E-04	474517.6	3755753.0	503.5	0.59	5.35
0.55 YES L0005258	0	0.52453E-04	474528.9	3755750.7	503.5	0.59	5.35
0.55 YES L0005259	0	0.52453E-04	474540.1	3755748.4	503.6	0.59	5.35
0.55 YES L0005260	0	0.52453E-04	474551.4	3755746.0	503.7	0.59	5.35
0.55 YES L0005261	0	0.52453E-04	474562.7	3755743.7	503.7	0.59	5.35
0.55 YES L0005262	0	0.52453E-04	474573.9	3755741.4	503.8	0.59	5.35
0.55 YES L0005263	0	0.52453E-04	474585.2	3755739.1	503.8	0.59	5.35
0.55 YES L0005264	0	0.52453E-04	474596.5	3755736.8	503.8	0.59	5.35
0.55 YES							

L0005265 0.55 YES	0	0.52453E-04	474607.7 3755734.4	503.8	0.59	5.35
L0005266 0.55 YES	0	0.52453E-04	474619.0 3755732.1	503.9	0.59	5.35
L0005267 0.55 YES	0	0.52453E-04	474630.2 3755729.8	503.9	0.59	5.35
L0005268 0.55 YES	0	0.52453E-04	474641.5 3755727.5	504.1	0.59	5.35
L0005269 0.55 YES	0	0.52453E-04	474652.8 3755725.2	504.2	0.59	5.35
L0005270 0.55 YES	0	0.52453E-04	474664.0 3755722.8	504.4	0.59	5.35
L0005271 0.55 YES	0	0.52453E-04	474675.3 3755720.5	504.5	0.59	5.35
L0005272 0.55 YES	0	0.52453E-04	474686.6 3755718.2	504.6	0.59	5.35
L0005273 0.55 YES	0	0.52453E-04	474697.8 3755715.9	504.6	0.59	5.35
L0005274 0.55 YES	0	0.52453E-04	474709.1 3755713.6	504.6	0.59	5.35
L0005275 0.55 YES	0	0.52453E-04	474720.4 3755711.2	504.6	0.59	5.35
L0005276 0.55 YES	0	0.52453E-04	474731.6 3755708.9	504.5	0.59	5.35
L0005277 0.55 YES	0	0.52453E-04	474742.9 3755706.6	504.4	0.59	5.35
L0005278 0.55 YES	0	0.52453E-04	474754.2 3755704.4	504.4	0.59	5.35
L0005279 0.55 YES	0	0.52453E-04	474765.4 3755702.1	504.4	0.59	5.35
L0005280 0.55 YES	0	0.52453E-04	474776.7 3755699.9	504.4	0.59	5.35
L0005281 0.55 YES	0	0.52453E-04	474788.0 3755697.6	504.5	0.59	5.35
L0005282 0.55 YES	0	0.52453E-04	474799.3 3755695.4	504.6	0.59	5.35
L0005283 0.55 YES	0	0.52453E-04	474810.6 3755693.1		0.59	5.35
L0005284 0.55 YES	0		474821.8 3755690.9	504.8	0.59	5.35
L0005285 0.55 YES	0	0.52453E-04	474833.1 3755688.6	504.9	0.59	5.35
L0005286 0.55 YES	0		474844.4 3755686.4	505.0	0.59	5.35
L0005287 0.55 YES	0		474855.7 3755684.1	505.0	0.59	5.35
L0005288 0.55 YES	0		474866.9 3755681.9		0.59	5.35
↑ *** AERMOD -	· VERSIO	ON 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI(	ON RATE					
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							
L0005289	0	0.52453E-04	474878.2	3755679.6	505.1	0.59	5.35
0.55 YES							
L0005290	0	0.52453E-04	474889.5	3755677.4	505.0	0.59	5.35
0.55 YES							
L0005291	0	0.52453E-04	474900.8	3755675.1	505.0	0.59	5.35
0.55 YES							
L0005292	0	0.52453E-04	474912.1	3755672.9	505.0	0.59	5.35
0.55 YES							
L0005293	0	0.52453E-04	474923.3	3755670.6	505.0	0.59	5.35
0.55 YES							
L0005294	0	0.52453E-04	474934.6	3755668.3	505.0	0.59	5.35
0.55 YES	•	0 =04=0= 04		2======================================		0 =0	
L0005295	0	0.52453E-04	4/4945.9	3/55666.1	505.0	0.59	5.35
0.55 YES	•	0 504505 04	474057 0	275562 0	505.0	0.50	F 2F
L0005296	0	0.52453E-04	4/495/.2	3/55663.8	505.0	0.59	5.35
0.55 YES	0	0 524525 04	474069 4	2755661 6	FOF 1	0.50	F 2F
L0005297 0.55 YES	0	0.52453E-04	474968.4	3/55661.6	505.1	0.59	5.35
L0005298	0	0.52453E-04	171070 7	2755650 2	505.1	0.59	5.35
0.55 YES	Ø	0.32433E-04	4/45/5./	3/33039.3	303.1	0.59	3.33
L0005299	0	0.52453E-04	171991 A	3755657 1	505.1	0.59	5.35
0.55 YES	Ū	0.J24JJL-04	4/4//	3/3303/.1	202.1	0.55	3.33
L0005300	0	0.52453E-04	475002.3	3755654.8	505.1	0.59	5.35
0.55 YES	ŭ	0.02.002	1,3002.3	3,3303.10	303.1	0.55	3.33
L0005301	0	0.52453E-04	475013.5	3755652.6	505.0	0.59	5.35
0.55 YES	-						
L0005302	0	0.52453E-04	475024.8	3755650.3	505.0	0.59	5.35
0.55 YES							
L0005303	0	0.52453E-04	475036.1	3755648.1	504.9	0.59	5.35
0.55 YES							
L0005304	0	0.52453E-04	475047.4	3755645.8	504.8	0.59	5.35
0.55 YES							

L0005305 0.55 YES	0	0.52453E-04	475058.7 3755643.6	504.7	0.59	5.35
L0005306 0.55 YES	0	0.52453E-04	475069.9 3755641.3	504.6	0.59	5.35
L0005307 0.55 YES	0	0.52453E-04	475081.2 3755639.1	504.5	0.59	5.35
L0005308 0.55 YES	0	0.52453E-04	475092.5 3755636.8	504.4	0.59	5.35
L0005309 0.55 YES	0	0.52453E-04	475103.8 3755634.6	504.4	0.59	5.35
L0005310 0.55 YES	0	0.52453E-04	475115.0 3755632.3	504.4	0.59	5.35
L0005311 0.55 YES	0	0.52453E-04	475126.3 3755630.1	504.3	0.59	5.35
L0005312 0.55 YES	0	0.52453E-04	475137.6 3755627.8	504.3	0.59	5.35
L0005313 0.55 YES	0	0.52453E-04	475148.9 3755625.6	504.2	0.59	5.35
L0005314 0.55 YES	0	0.52453E-04	475160.2 3755623.3	504.2	0.59	5.35
L0005315 0.55 YES	0	0.52453E-04	475171.4 3755621.1	504.1	0.59	5.35
L0005316 0.55 YES	0	0.52453E-04	475182.7 3755618.8	503.9	0.59	5.35
L0005317 0.55 YES	0	0.52453E-04	475194.0 3755616.6	503.8	0.59	5.35
L0005318 0.55 YES	0	0.52453E-04	475205.3 3755614.3	503.7	0.59	5.35
L0005319 0.55 YES	0	0.52453E-04		503.6	0.59	5.35
L0005320 0.55 YES	0	0.52453E-04	475228.2 3755612.2	503.4	0.59	5.35
L0005321 0.55 YES	0	0.52453E-04	475239.6 3755611.2 475251.1 3755610.3	503.3	0.59 0.59	5.35
L0005322 0.55 YES L0005323	0	0.52453E-04	475262.5 3755609.3	503.2 503.1		5.35 5.35
0.55 YES L0005324	0		475274.0 3755608.4		0.59	5.35
0.55 YES L0005325	0		475285.5 3755607.5	503.0	0.59	5.35
0.55 YES L0005326	0		475296.9 3755606.5	502.9	0.59	5.35
0.55 YES L0005327	0		475308.4 3755606.2	502.9	0.59	5.35
0.55 YES L0005328	0		475319.9 3755606.4			5.35
0.55 YES ↑ *** AERMOD -						
		***	04/06/22			

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 13:56:54

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L0005343

L0005344

0.55 YES

YES

0.55

# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

							•	
INIT. URBAN		EMISSION RATI ON RATE	E		BASE	RELEASE	INIT.	
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY	
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0005329 0.55 YES	0	0.52453E-04	475331.4	3755606.6	502.8	0.59	5.35	
L0005330 0.55 YES	0	0.52453E-04	475342.9	3755606.7	502.8	0.59	5.35	
L0005331 0.55 YES	0	0.52453E-04	475354.4	3755606.9	502.8	0.59	5.35	
L0005332 0.55 YES	0	0.52453E-04	475365.9	3755607.1	502.8	0.59	5.35	
L0005333 0.55 YES	0	0.52453E-04	475377.4	3755607.3	502.9	0.59	5.35	
L0005334 0.55 YES	0	0.52453E-04	475388.9	3755607.5	502.9	0.59	5.35	
L0005335 0.55 YES	0	0.52453E-04	475400.4	3755607.6	502.9	0.59	5.35	
L0005336 0.55 YES	0	0.52453E-04	475411.9	3755607.8	503.0	0.59	5.35	
L0005337 0.55 YES	0	0.52453E-04	475423.4	3755608.0	503.0	0.59	5.35	
L0005338 0.55 YES	0	0.52453E-04	475434.9	3755608.2	503.1	0.59	5.35	
L0005339 0.55 YES	0	0.52453E-04	475446.4	3755608.4	503.2	0.59	5.35	
L0005340 0.55 YES	0	0.52453E-04	475457.9	3755608.6	503.3	0.59	5.35	
L0005341 0.55 YES	0	0.52453E-04	475469.4	3755608.7	503.4	0.59	5.35	
L0005342	0	0.52453E-04	475480.9	3755608.9	503.6	0.59	5.35	
0.55 YES								

0 0.52453E-04 475492.4 3755609.1

0 0.52453E-04 475503.9 3755609.3 503.9 0.59

\*\*\* VOLUME SOURCE DATA \*\*\*

503.8 0.59

5.35

5.35

L0005345 0.55 YES	0	0.52453E-04	475515.4 3755609.5	504.1	0.59	5.35
L0005346 0.55 YES	0	0.52453E-04	475526.9 3755609.6	504.3	0.59	5.35
L0005347 0.55 YES	0	0.52453E-04	475538.4 3755609.8	504.5	0.59	5.35
L0005348	0	0.52453E-04	475549.9 3755610.0	504.7	0.59	5.35
0.55 YES L0005349	0	0.52453E-04	475561.4 3755610.2	504.9	0.59	5.35
0.55 YES L0005350	0	0.52453E-04	475572.9 3755610.4	505.0	0.59	5.35
0.55 YES L0005351	0	0.52453E-04	475584.4 3755610.5	505.2	0.59	5.35
0.55 YES L0005352 0.55 YES	0	0.52453E-04	475595.9 3755610.7	505.4	0.59	5.35
L0005353 0.55 YES	0	0.52453E-04	475607.4 3755610.9	505.6	0.59	5.35
L0005354 0.55 YES	0	0.52453E-04	475618.9 3755611.1	505.8	0.59	5.35
L0005355 0.55 YES	0	0.52453E-04	475630.4 3755611.3	506.0	0.59	5.35
L0005356 0.55 YES	0	0.52453E-04	475641.9 3755611.5	506.2	0.59	5.35
L0005357 0.55 YES	0	0.52453E-04	475653.4 3755611.6	506.4	0.59	5.35
L0005358 0.55 YES	0	0.52453E-04	475664.9 3755611.8	506.5	0.59	5.35
L0005359 0.55 YES	0	0.52453E-04	475676.4 3755612.0	506.7	0.59	5.35
L0005360 0.55 YES	0	0.52453E-04	475687.9 3755612.2	506.8	0.59	5.35
L0005361 0.55 YES	0	0.52453E-04	475699.4 3755612.4	506.9	0.59	5.35
L0005362 0.55 YES	0	0.52453E-04	475710.9 3755612.5	507.1	0.59	5.35
L0005363 0.55 YES	0	0.52453E-04	475722.3 3755612.7	507.2	0.59	5.35
L0005364 0.55 YES	0	0.52453E-04	475733.8 3755612.9	507.3	0.59	5.35
L0005365 0.55 YES	0	0.52453E-04	475745.3 3755613.1	507.4	0.59	5.35
L0005366 0.55 YES	0	0.52453E-04	475756.8 3755613.3	507.5	0.59	5.35
L0005367 0.55 YES	0	0.52453E-04	475768.3 3755613.5	507.6	0.59	5.35
L0005368 0.55 YES	0	0.52453E-04	475779.8 3755613.6	507.6	0.59	5.35
↑ *** AERMOD	- VERSIO	N 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	)G	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
		VANT	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			()	()	()	()	()
L0005369	0	0.52453E-04	475791.3	3755613.8	507.4	0.59	5.35
0.55 YES	_						
L0005370	0	0.52453E-04	475802.8	3755614.0	507.1	0.59	5.35
0.55 YES	0	0 524525 04	475044 2	2755644 2	F0F 6	0.50	F 25
L0005371	0	0.52453E-04	4/5814.3	3/55614.2	505.6	0.59	5.35
0.55 YES	0	0 524525 04	475005 0	2755614 4	503.7	0 50	F 2F
L0005372 0.55 YES	0	0.52453E-04	4/5825.8	3/55614.4	503.7	0.59	5.35
L0005373	0	0.52453E-04	475027 2	2755614 5	503.1	0.59	5.35
0.55 YES	V	0.324336-04	4/363/.3	3/33014.3	363.1	0.39	3.33
L0005374	0	0.52453E-04	175818 R	375561/1 7	503.9	0.59	5.35
0.55 YES	Ū	0.324331-04	473040.0	3/33014./	303.5	0.55	J. JJ
L0005375	0	0.52453E-04	475860 3	3755614 9	504.9	0.59	5.35
0.55 YES	Ū	0.524556 04	473000.3	3733014.3	304.3	0.55	3.33
L0005376	0	0.52453E-04	475871.8	3755615.1	506.2	0.59	5.35
0.55 YES	ŭ	0.32.332 0.	.,,,,,,,,	3,3302312	300.2	0.55	3.33
L0005377	0	0.52453E-04	475883.3	3755615.3	507.4	0.59	5.35
0.55 YES							
L0005378	0	0.52453E-04	475894.8	3755615.5	507.4	0.59	5.35
0.55 YES							
L0005379	0	0.52453E-04	475906.3	3755615.6	507.4	0.59	5.35
0.55 YES							
L0005380	0	0.52453E-04	475917.8	3755615.8	507.3	0.59	5.35
0.55 YES							
L0005381	0	0.52453E-04	475929.3	3755616.0	507.2	0.59	5.35
0.55 YES							
L0005382	0	0.52453E-04	475940.8	3755616.2	507.1	0.59	5.35
0.55 YES							
L0005383	0	0.52453E-04	475952.3	3755616.4	506.9	0.59	5.35
0.55 YES	_						
L0005384	0	0.52453E-04	475963.8	3755616.5	506.8	0.59	5.35
0.55 YES							

L0005385 0.55 YES	0	0.52453E-04	475975.3 3755616.7	506.6	0.59	5.35
L0005386 0.55 YES	0	0.52453E-04	475986.8 3755616.9	506.4	0.59	5.35
L0005387 0.55 YES	0	0.52453E-04	475998.3 3755617.1	506.2	0.59	5.35
L0005388 0.55 YES	0	0.52453E-04	476009.8 3755617.3	505.9	0.59	5.35
L0005389 0.55 YES	0	0.52453E-04	476021.3 3755617.5	505.8	0.59	5.35
L0005390 0.55 YES	0	0.52453E-04	476032.8 3755617.6	505.6	0.59	5.35
L0005391 0.55 YES	0	0.52453E-04	476044.3 3755617.8	505.3	0.59	5.35
L0005392 0.55 YES	0	0.52453E-04	476055.8 3755618.0	505.1	0.59	5.35
L0005393 0.55 YES	0	0.52453E-04	476067.3 3755618.2	504.9	0.59	5.35
L0005394 0.55 YES	0	0.52453E-04	476078.8 3755618.4	504.7	0.59	5.35
L0005395 0.55 YES	0	0.52453E-04	476090.3 3755618.5	504.5	0.59	5.35
L0005396 0.55 YES	0	0.52453E-04	476101.8 3755618.7	504.3	0.59	5.35
L0005397 0.55 YES	0	0.52453E-04	476113.3 3755618.9	504.1	0.59	5.35
L0005398 0.55 YES	0	0.52453E-04	476124.8 3755619.1	503.9	0.59	5.35
L0005399 0.55 YES	0	0.52453E-04	476136.3 3755619.3	503.7	0.59	5.35
L0005400 0.55 YES	0	0.52453E-04	476147.8 3755619.5	503.4	0.59	5.35
L0005401 0.55 YES	0	0.52453E-04	476159.3 3755619.6	503.2	0.59	5.35
L0005402 0.55 YES L0005403	0	0.52453E-04	476170.8 3755619.8 476182.3 3755620.0	503.0 502.8	0.59	5.35 5.35
0.55 YES L0005404	0		476193.8 3755620.2			5.35
0.55 YES L0005405	0		476205.3 3755620.4	502.4	0.59	5.35
0.55 YES L0005406	0		476216.8 3755620.5	502.3	0.59	5.35
0.55 YES L0005407	0		476228.3 3755620.7	502.2	0.59	5.35
0.55 YES L0005408	0		476239.8 3755620.9		0.59	5.35
0.55 YES ↑ *** AERMOD -						
		***	04/06/22			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMIS		E		BASE	RELEASE	INIT.
SOURCE	PART. (GF	RAMS/SEC)					
ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY		- /		- /	( - /	- /
L0005409	0 0.52	2453E-04	476251.3	3755621.1	502.0	0.59	5.35
0.55 YES	0 0 5	) 4 E D E O 4	476262 0	2755624 2	F01 0	0 50	F 2F
L0005410 0.55 YES	0 0.52	2453E-04	4/6262.8	3755621.3	501.9	0.59	5.35
L0005411	0 0.52	0453F-04	476274 3	3755621.5	501.9	0.59	5.35
0.55 YES	0 0.32	- <del></del>	7/02/7.5	3733021.3	301.3	0.55	3.33
L0005412	0 0.52	2453E-04	476285.8	3755621.6	501.9	0.59	5.35
0.55 YES							
L0005413	0 0.52	2453E-04	476297.3	3755621.8	501.8	0.59	5.35
0.55 YES							
L0005414	0 0.52	2453E-04	476308.8	3755622.0	501.9	0.59	5.35
0.55 YES	0 0 5	4535 04	476222	2755622	F04 0	0 50	F 25
L0005415 0.55 YES	0 0.52	2453E-04	4/6320.3	3755622.2	501.9	0.59	5.35
L0005416	0 0.52	)/53E_0/	/76331 Q	3755622.4	501.9	0.59	5.35
0.55 YES	0 0.52	433L-04	470331.0	3/33022.4	301.9	0.33	3.33
L0005417	0 0.52	2453E-04	476343.3	3755622.5	502.0	0.59	5.35
0.55 YES							
L0005418	0 0.52	2453E-04	476354.8	3755622.7	502.0	0.59	5.35
0.55 YES							
L0005419	0 0.52	2453E-04	476366.3	3755622.9	502.1	0.59	5.35
0.55 YES	0 0 5	4535 04	476277 0	2755622 4	500.4	0 50	- 2-
L0005420	0 0.52	2453E-04	4/63//.8	3755623.1	502.1	0.59	5.35
0.55 YES L0005421	0 0.52	)/53E_0/	176380 3	3755623.3	502 1	0.59	5.35
0.55 YES	0 0.52	4336-04	4/0303.3	3/33023.3	302.1	0.33	2.33
L0005422	0 0.52	2453E-04	476400.8	3755623.5	502.1	0.59	5.35
0.55 YES							
L0005423	0 0.52	2453E-04	476412.3	3755623.6	502.1	0.59	5.35
0.55 YES							
L0005424	0 0.52	2453E-04	476423.8	3755623.8	502.1	0.59	5.35
0.55 YES							

L0005425	0	0.52453E-04	476435.3 3755624.0	502.1	0.59	5.35
0.55 YES		0102.002.0.		30-11-	0.00	3133
L0005426	0	0.52453E-04	476446.8 3755624.2	502.1	0.59	5.35
0.55 YES						
L0005427	0	0.52453E-04	476458.3 3755624.4	502.1	0.59	5.35
0.55 YES		0 504505 04	476460 0 2755624 5	F00 0	0 50	- 2-
L0005428	0	0.52453E-04	476469.8 3755624.5	502.2	0.59	5.35
0.55 YES L0005429	0	0.52453E-04	476481.3 3755624.7	502.2	0.59	5.35
0.55 YES	V	0.324336-04	4/0401.3 3/33024./	302.2	0.33	3.33
L0005430	0	0.52453E-04	476492.8 3755624.9	502.2	0.59	5.35
0.55 YES	Ū	0.321332 01	17013210 373302113	302.2	0.33	3.33
L0005431	0	0.52453E-04	476504.3 3755625.1	502.2	0.59	5.35
0.55 YES	_					
L0005432	0	0.52453E-04	476515.8 3755625.3	502.3	0.59	5.35
0.55 YES						
L0005433	0	0.52453E-04	476527.2 3755625.5	502.3	0.59	5.35
0.55 YES						
L0005434	0	0.52652E-04	476516.0 3755644.4	502.5	0.59	5.35
0.55 YES						
L0005435	0	0.52652E-04	476504.5 3755644.2	502.4	0.59	5.35
0.55 YES						
L0005436	0	0.52652E-04	476493.0 3755644.0	502.4	0.59	5.35
0.55 YES						
L0005437	0	0.52652E-04	476481.5 3755643.8	502.4	0.59	5.35
0.55 YES	_					
L0005438	0	0.52652E-04	476470.0 3755643.5	502.4	0.59	5.35
0.55 YES		0 506505 04	476450 5 2755642 2	500.4	0 50	- 2-
L0005439	0	0.52652E-04	476458.5 3755643.3	502.4	0.59	5.35
0.55 YES	0	0.52652E-04	476447 1 2755642 1	F02 2	0 50	F 2F
L0005440 0.55 YES	0	0.32032E-04	476447.1 3755643.1	502.3	0.59	5.35
L0005441	0	0.52652E-04	476435.6 3755642.9	502.3	0.59	5.35
0.55 YES	V	0.J2UJ2L-04	470433.0 3733042.9	302.3	0.33	رد.د
L0005442	0	0 52652F-04	476424.1 3755642.6	502 3	0.59	5.35
0.55 YES	Ū	0.320322 01	1,012111 3,3301210	302.3	0.33	3.33
L0005443	0	0.52652F-04	476412.6 3755642.4	502.4	0.59	5.35
0.55 YES		0.0000000000000000000000000000000000000	.,		0.00	5155
L0005444	0	0.52652E-04	476401.1 3755642.2	502.4	0.59	5.35
0.55 YES						
L0005445	0	0.52652E-04	476389.6 3755642.0	502.4	0.59	5.35
0.55 YES						
L0005446	0	0.52652E-04	476378.1 3755641.7	502.5	0.59	5.35
0.55 YES						
L0005447	0	0.52652E-04	476366.6 3755641.5	502.4	0.59	5.35
0.55 YES						
L0005448	0	0.52652E-04	476355.1 3755641.3	502.4	0.59	5.35
0.55 YES				_		
★ *** AERMOD -	VERSI	ON 21112 ***	*** 2036 OPERATION	S - AUTO T	OG	

04/06/22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)					
SZ SOURCE ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
`							
L0005449 0.55 YES	0	0.52652E-04	476343.6	3755641.1	502.3	0.59	5.35
L0005450	0	0.52652E-04	476332.1	3755640.8	502.2	0.59	5.35
0.55 YES L0005451	0	0.52652E-04	476320.6	3755640.6	502.1	0.59	5.35
0.55 YES L0005452	0	0.52652E-04	476309.1	3755640.4	502.1	0.59	5.35
0.55 YES L0005453	0	0.52652E-04	476297.6	3755640.2	502.0	0.59	5.35
0.55 YES L0005454	0	0.52652E-04	476286.1	3755639.9	502.0	0.59	5.35
0.55 YES L0005455	0	0.52652E-04	476274.6	3755639.7	502.0	0.59	5.35
0.55 YES L0005456	0	0.52652E-04	476263.1	3755639.5	502.0	0.59	5.35
0.55 YES L0005457	0	0.52652E-04	476251.6	3755639.3	502.1	0.59	5.35
0.55 YES L0005458	0	0.52652E-04	476240.1	3755639.1	502.1	0.59	5.35
0.55 YES L0005459	0	0.52652E-04	476228.6	3755638.8	502.2	0.59	5.35
0.55 YES L0005460	0	0.52652E-04	476217.1	3755638.6	502.3	0.59	5.35
0.55 YES L0005461	0	0.52652E-04	476205.6	3755638.4	502.4	0.59	5.35
0.55 YES L0005462	0	0.52652E-04	476194.1	3755638.2	502.6	0.59	5.35
0.55 YES L0005463	0	0.52652E-04	476182.6	3755637.9	502.8	0.59	5.35
0.55 YES L0005464	0	0.52652E-04	476171.1	3755637.7	502.9	0.59	5.35
0.55 YES							

L0005465 0.55 YES	0	0.52652E-04	476159.6 3755637.5	503.1	0.59	5.35
L0005466 0.55 YES	0	0.52652E-04	476148.1 3755637.3	503.3	0.59	5.35
L0005467 0.55 YES	0	0.52652E-04	476136.6 3755637.0	503.5	0.59	5.35
L0005468 0.55 YES	0	0.52652E-04	476125.1 3755636.8	503.7	0.59	5.35
L0005469 0.55 YES	0	0.52652E-04	476113.6 3755636.6	503.9	0.59	5.35
L0005470 0.55 YES	0	0.52652E-04	476102.1 3755636.4	504.1	0.59	5.35
L0005471 0.55 YES	0	0.52652E-04	476090.6 3755636.1	504.3	0.59	5.35
L0005472 0.55 YES	0	0.52652E-04	476079.1 3755635.9	504.5	0.59	5.35
L0005473 0.55 YES	0	0.52652E-04	476067.6 3755635.7	504.8	0.59	5.35
L0005474 0.55 YES	0	0.52652E-04	476056.1 3755635.5	505.0	0.59	5.35
L0005475 0.55 YES	0	0.52652E-04	476044.6 3755635.2	505.3	0.59	5.35
L0005476 0.55 YES	0	0.52652E-04	476033.1 3755635.0	505.5	0.59	5.35
L0005477 0.55 YES	0	0.52652E-04	476021.6 3755634.8	505.8	0.59	5.35
L0005478 0.55 YES	0	0.52652E-04	476010.1 3755634.6	506.0	0.59	5.35
L0005479 0.55 YES	0	0.52652E-04		506.2	0.59	5.35
L0005480 0.55 YES	0	0.52652E-04	475987.1 3755634.1	506.4	0.59	5.35
L0005481 0.55 YES	0	0.52652E-04		506.6	0.59	5.35
L0005482 0.55 YES	0	0.52652E-04	475964.1 3755633.7	506.9	0.59	5.35
L0005483 0.55 YES	0		475952.6 3755633.4			5.35
L0005484 0.55 YES	0		475941.1 3755633.2		0.59	5.35
L0005485 0.55 YES	0		475929.6 3755633.0	506.9	0.59	5.35
L0005486 0.55 YES	0		475918.2 3755632.8	506.8	0.59	5.35
L0005487 0.55 YES	0		475906.7 3755632.6	506.7	0.59	5.35
L0005488 0.55 YES	0		475895.2 3755632.3			5.35
↑ *** AERMOD -	VERSIO	ON 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC) VARY				HEIGHT	
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0005489 0.55 YES	0	0.52652E-04	475883.7	3755632.1	506.6	0.59	5.35
L0005490 0.55 YES	0	0.52652E-04	475872.2	3755631.9	505.5	0.59	5.35
L0005491 0.55 YES	0	0.52652E-04	475860.7	3755631.7	504.4	0.59	5.35
L0005492 0.55 YES	0	0.52652E-04	475849.2	3755631.4	503.6	0.59	5.35
L0005493 0.55 YES	0	0.52652E-04	475837.7	3755631.2	502.9	0.59	5.35
L0005494 0.55 YES	0	0.52652E-04	475826.2	3755631.0	503.3	0.59	5.35
L0005495 0.55 YES	0	0.52652E-04	475814.7	3755630.8	504.7	0.59	5.35
L0005496 0.55 YES	0	0.52652E-04	475803.2	3755630.5	505.8	0.59	5.35
L0005497 0.55 YES	0	0.52652E-04	475791.7	3755630.3	505.9	0.59	5.35
L0005498 0.55 YES	0	0.52652E-04	475780.2	3755630.1	506.1	0.59	5.35
L0005499 0.55 YES	0	0.52652E-04	475768.7	3755629.9	506.1	0.59	5.35
L0005500 0.55 YES	0	0.52652E-04	475757.2	3755629.6	506.1	0.59	5.35
L0005501 0.55 YES	0	0.52652E-04	475745.7	3755629.4	506.0	0.59	5.35
L0005502 0.55 YES	0	0.52652E-04	475734.2	3755629.2	506.0	0.59	5.35
L0005503 0.55 YES	0	0.52652E-04	475722.7	3755629.0	505.9	0.59	5.35
L0005504 0.55 YES	0	0.52652E-04	475711.2	3755628.7	505.9	0.59	5.35

L0005505 0.55 YES	0	0.52652E-04	475699.7 3755628.5	505.9	0.59	5.35
L0005506 0.55 YES	0	0.52652E-04	475688.2 3755628.3	505.9	0.59	5.35
L0005507 0.55 YES	0	0.52652E-04	475676.7 3755628.1	505.8	0.59	5.35
L0005508 0.55 YES	0	0.52652E-04	475665.2 3755627.8	505.9	0.59	5.35
L0005509 0.55 YES	0	0.52652E-04	475653.7 3755627.6	505.9	0.59	5.35
L0005510 0.55 YES	0	0.52652E-04	475642.2 3755627.4	505.8	0.59	5.35
L0005511 0.55 YES	0	0.52652E-04	475630.7 3755627.2	505.8	0.59	5.35
L0005512 0.55 YES	0	0.52652E-04	475619.2 3755627.0	505.7	0.59	5.35
L0005513 0.55 YES	0	0.52652E-04	475607.7 3755626.7	505.6	0.59	5.35
L0005514 0.55 YES	0	0.52652E-04	475596.2 3755626.5	505.4	0.59	5.35
L0005515 0.55 YES	0	0.52652E-04	475584.7 3755626.3	505.3	0.59	5.35
L0005516 0.55 YES	0	0.52652E-04	475573.2 3755626.1	505.1	0.59	5.35
L0005517 0.55 YES	0	0.52652E-04	475561.7 3755625.8	505.0	0.59	5.35
L0005518 0.55 YES	0	0.52652E-04	475550.2 3755625.6	504.8	0.59	5.35
L0005519 0.55 YES	0	0.52652E-04		504.7	0.59	5.35
L0005520 0.55 YES	0	0.52652E-04	475527.2 3755625.2	504.5	0.59	5.35
L0005521 0.55 YES	0	0.52652E-04	475515.7 3755624.9	504.3	0.59	5.35
L0005522 0.55 YES	0	0.52652E-04	475504.2 3755624.7	504.2	0.59	5.35
L0005523 0.55 YES	0		475492.7 3755624.5			5.35
L0005524 0.55 YES	0		475481.2 3755624.3	503.9	0.59	5.35
L0005525 0.55 YES	0		475469.7 3755624.0	503.8	0.59	5.35
L0005526 0.55 YES	0		475458.2 3755623.8	503.7	0.59	5.35
L0005527 0.55 YES	0		475446.7 3755623.6	503.7	0.59	5.35
L0005528 0.55 YES	0		475435.2 3755623.4		0.59	5.35
↑ *** AERMOD -	VEK21(	)N 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUIO TO	JG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN EMISSION RATE SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY  SZ SOURCE SCALAR VARY ID CATS. (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS) BY  L0005529 0 0.52652E-04 475423.7 3755623.1 503.6 0.59 5.35  0.55 YES L0005530 0 0.52652E-04 475412.2 3755622.9 503.5 0.59 5.35  0.55 YES L0005531 0 0.52652E-04 475400.8 3755623.0 503.5 0.59 5.35  0.55 YES L0005532 0 0.52652E-04 475389.3 3755623.4 503.6 0.59 5.35  0.55 YES L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35  0.55 YES L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35  0.55 YES L0005534 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35
TD   CATS.   (METERS) (METER
(METERS)       BY         L00005529       0 0.52652E-04 475423.7 3755623.1 503.6 0.59 5.35         0.55 YES       L0005530 0 0.52652E-04 475412.2 3755622.9 503.5 0.59 5.35         0.55 YES       L0005531 0 0.52652E-04 475400.8 3755623.0 503.5 0.59 5.35         0.55 YES       L0005532 0 0.52652E-04 475389.3 3755623.4 503.6 0.59 5.35         0.55 YES       L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35         0.55 YES       L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35
0.55 YES L0005530
0.55 YES L0005530
0.55 YES L0005530
L0005530 0 0.52652E-04 475412.2 3755622.9 503.5 0.59 5.35 0.55 YES L0005531 0 0.52652E-04 475400.8 3755623.0 503.5 0.59 5.35 0.55 YES L0005532 0 0.52652E-04 475389.3 3755623.4 503.6 0.59 5.35 0.55 YES L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35 0.55 YES
0.55 YES L0005531
L0005531 0 0.52652E-04 475400.8 3755623.0 503.5 0.59 5.35  0.55 YES  L0005532 0 0.52652E-04 475389.3 3755623.4 503.6 0.59 5.35  0.55 YES  L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35  0.55 YES
0.55 YES L0005532
0.55 YES L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35 0.55 YES
L0005533 0 0.52652E-04 475377.8 3755623.9 503.6 0.59 5.35 0.55 YES
0.55 YES
L0005534 0 0.52652E-04 475366.3 3755624.3 503.6 0.59 5.35 0.55 YES
L0005535 0 0.52652E-04 475354.8 3755624.8 503.6 0.59 5.35
0.55 YES
L0005536 0 0.52652E-04 475343.3 3755625.2 503.7 0.59 5.35
0.55 YES
L0005537 0 0.52652E-04 475331.8 3755625.6 503.7 0.59 5.35
0.55 YES
L0005538 0 0.52652E-04 475320.3 3755626.1 503.8 0.59 5.35
0.55 YES L0005539 0 0.52652E-04 475308.8 3755626.5 503.8 0.59 5.35
0.55 YES
L0005540 0 0.52652E-04 475297.3 3755627.0 503.9 0.59 5.35
0.55 YES
L0005541 0 0.52652E-04 475285.8 3755627.4 503.9 0.59 5.35
0.55 YES
L0005542 0 0.52652E-04 475274.4 3755628.4 504.0 0.59 5.35
0.55 YES
L0005543 0 0.52652E-04 475262.9 3755629.6 504.1 0.59 5.35 0.55 YES
L0005544 0 0.52652E-04 475251.5 3755630.8 504.1 0.59 5.35
0.55 YES

L0005545 0.55 YES	0	0.52652E-04	475240.1 3755632.0	504.1	0.59	5.35
L0005546 0.55 YES	0	0.52652E-04	475228.6 3755633.2	504.2	0.59	5.35
L0005547 0.55 YES	0	0.52652E-04	475217.2 3755634.5	504.2	0.59	5.35
L0005548 0.55 YES	0	0.52652E-04	475205.8 3755635.7	504.2	0.59	5.35
L0005549 0.55 YES	0	0.52652E-04	475194.3 3755636.9	504.3	0.59	5.35
L0005550 0.55 YES	0	0.52652E-04	475182.9 3755638.1	504.3	0.59	5.35
L0005551 0.55 YES	0	0.52652E-04	475171.5 3755639.3	504.4	0.59	5.35
L0005552 0.55 YES	0	0.52652E-04	475160.0 3755640.6	504.5	0.59	5.35
L0005553 0.55 YES	0	0.52652E-04	475148.6 3755641.9	504.5	0.59	5.35
L0005554 0.55 YES	0	0.52652E-04	475137.4 3755644.3	504.6	0.59	5.35
L0005555 0.55 YES	0	0.52652E-04	475126.1 3755646.7	504.7	0.59	5.35
L0005556 0.55 YES	0	0.52652E-04	475114.9 3755649.1	504.8	0.59	5.35
L0005557 0.55 YES	0	0.52652E-04	475103.6 3755651.4	504.9	0.59	5.35
L0005558 0.55 YES	0	0.52652E-04	475092.4 3755653.8	505.0	0.59	5.35
L0005559 0.55 YES	0	0.52652E-04	475081.1 3755656.2	505.1	0.59	5.35
L0005560 0.55 YES	0	0.52652E-04	475069.9 3755658.6	505.2	0.59	5.35
L0005561 0.55 YES	0	0.52652E-04	475058.6 3755660.9	505.3	0.59	5.35
L0005562 0.55 YES	0	0.52652E-04	475047.3 3755663.3	505.3	0.59	5.35
L0005563 0.55 YES	0		475036.1 3755665.7			5.35
L0005564 0.55 YES	0		475024.8 3755668.1		0.59	5.35
L0005565 0.55 YES	0		475013.6 3755670.4	505.5	0.59	5.35
L0005566 0.55 YES	0		475002.3 3755672.8	505.5	0.59	5.35
L0005567 0.55 YES	0		474991.1 3755675.2	505.6	0.59	5.35
L0005568 0.55 YES	0		474979.8 3755677.5			5.35
↑ *** AERMOD	- VERSIC	ON 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	UG	

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

SZ SOURCE	PART. SCALAR CATS.	(GRAMS/SEC) VARY	х		ELEV.	RELEASE HEIGHT (METERS)	SY
L0005569 0.55 YES	0	0.52652E-04	474968.6	3755679.9	505.8	0.59	5.35
L0005570 0.55 YES	0	0.52652E-04	474957.3	3755682.3	505.9	0.59	5.35
L0005571 0.55 YES	0	0.52652E-04	474946.1	3755684.7	505.9	0.59	5.35
L0005572 0.55 YES	0	0.52652E-04	474934.8	3755687.0	506.1	0.59	5.35
L0005573 0.55 YES	0	0.52652E-04	474923.6	3755689.4	506.1	0.59	5.35
L0005574 0.55 YES	0	0.52652E-04	474912.3	3755691.8	506.2	0.59	5.35
L0005575 0.55 YES	0	0.52652E-04	474901.1	3755694.2	506.2	0.59	5.35
L0005576 0.55 YES	0	0.52652E-04	474889.8	3755696.5	506.2	0.59	5.35
L0005577 0.55 YES	0	0.52652E-04	474878.6	3755698.9	506.2	0.59	5.35
L0005578 0.55 YES	0	0.52652E-04	474867.3	3755701.3	506.2	0.59	5.35
L0005579 0.55 YES	0	0.52652E-04	474856.1	3755703.7	506.1	0.59	5.35
L0005580 0.55 YES	0	0.52652E-04	474844.8	3755706.0	506.0	0.59	5.35
L0005581 0.55 YES	0	0.52652E-04	474833.6	3755708.4	506.0	0.59	5.35
L0005582 0.55 YES	0	0.52652E-04	474822.3	3755710.8	506.0	0.59	5.35
L0005583 0.55 YES	0	0.52652E-04	474811.1	3755713.2	506.0	0.59	5.35
L0005584 0.55 YES	0	0.52652E-04	474799.8	3755715.5	506.1	0.59	5.35

L0005585 0.55 YES	0	0.52652E-04	474788.5 3755717.9	506.1	0.59	5.35
L0005586 0.55 YES	0	0.52652E-04	474777.3 3755720.3	506.2	0.59	5.35
L0005587 0.55 YES	0	0.52652E-04	474766.0 3755722.7	506.3	0.59	5.35
L0005588	0	0.52652E-04	474754.8 3755725.0	506.3	0.59	5.35
L0005589 0.55 YES	0	0.52652E-04	474743.5 3755727.4	506.4	0.59	5.35
L0005590 0.55 YES	0	0.52652E-04	474732.3 3755729.8	506.5	0.59	5.35
L0005591 0.55 YES	0	0.52652E-04	474721.0 3755732.2	506.5	0.59	5.35
L0005592 0.55 YES	0	0.52652E-04	474709.8 3755734.5	506.4	0.59	5.35
L0005593 0.55 YES	0	0.52652E-04	474698.5 3755736.9	506.2	0.59	5.35
L0005594 0.55 YES	0	0.52652E-04	474687.3 3755739.3	506.1	0.59	5.35
L0005595 0.55 YES	0	0.52652E-04	474676.0 3755741.7	506.1	0.59	5.35
L0005596 0.55 YES	0	0.52652E-04	474664.8 3755744.0	506.0	0.59	5.35
L0005597 0.55 YES	0	0.52652E-04	474653.5 3755746.4	505.8	0.59	5.35
L0005598 0.55 YES	0	0.52652E-04	474642.3 3755748.8	505.5	0.59	5.35
L0005599 0.55 YES	0	0.52652E-04	474631.0 3755751.2	505.0	0.59	5.35
L0005600 0.55 YES	0	0.52652E-04	474619.8 3755753.5	504.6	0.59	5.35
L0005601 0.55 YES	0	0.52652E-04	474608.5 3755755.9	504.4	0.59	5.35
L0005602 0.55 YES	0	0.52652E-04	474597.3 3755758.3	504.3	0.59	5.35
L0005603 0.55 YES	0		474586.0 3755760.7			5.35
L0005604 0.55 YES	0		474574.8 3755763.0	504.4	0.59	5.35
L0005605 0.55 YES	0		474563.5 3755765.4	504.3	0.59	5.35
L0005606 0.55 YES	0		474552.3 3755767.8	504.2	0.59	5.35
L0005607 0.55 YES	0		474541.0 3755770.2	504.2	0.59	5.35
L0005608 0.55 YES	0		474529.7 3755772.5			5.35
↑ *** AERMOD	- VEKSI(	)N 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUIO TO	JG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)					
SZ SOURCE ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0005609 0.55 YES	0	0.52652E-04	474518.5	3755774.9	504.3	0.59	5.35
L0005610	0	0.52652E-04	474507.2	3755777.3	504.4	0.59	5.35
0.55 YES L0005611	0	0.52652E-04	474496.0	3755779.7	504.3	0.59	5.35
0.55 YES L0005612	0	0.52652E-04	474484.7	3755782.0	504.2	0.59	5.35
0.55 YES L0005613	0	0.52652E-04	474473.5	3755784.4	504.0	0.59	5.35
0.55 YES L0005614	0	0.52652E-04	474462.2	3755786.8	503.8	0.59	5.35
0.55 YES L0005615	0	0.52652E-04	474451.0	3755789.1	503.6	0.59	5.35
0.55 YES L0005616	0	0.52652E-04	474439.7	3755791.5	503.5	0.59	5.35
0.55 YES L0005617	0	0.52652E-04	474428.5	3755793.9	503.4	0.59	5.35
0.55 YES L0005618	0	0.52652E-04	474417.2	3755796.3	503.4	0.59	5.35
0.55 YES L0005619	0	0.52652E-04	474406.0	3755798.6	503.3	0.59	5.35
0.55 YES L0005620	0	0.52652E-04	474394.7	3755801.0	503.3	0.59	5.35
0.55 YES L0005621	0	0.52652E-04	474383.5	3755803.4	503.2	0.59	5.35
0.55 YES L0005622	0	0.52652E-04	474372.2	3755805.8	503.2	0.59	5.35
0.55 YES L0005623	0	0.52652E-04	474361.0	3755808.1	503.1	0.59	5.35
0.55 YES L0005624	0	0.52652E-04	474349.7	3755810.5	503.1	0.59	5.35
0.55 YES							

L0005625	0	0.52652E-04	474338.5 3755812.9	503.1	0.59	5.35
0.55 YES						
L0005626	0	0.52652E-04	474327.2 3755815.3	502.9	0.59	5.35
0.55 YES						
L0005627	0	0.52652E-04	474316.0 3755817.6	502.8	0.59	5.35
0.55 YES						
L0005628	0	0.52652E-04	474304.7 3755820.0	502.6	0.59	5.35
0.55 YES						
L0005629	0	0.52652E-04	474293.5 3755822.4	502.5	0.59	5.35
0.55 YES						
L0005630	0	0.52652E-04	474282.2 3755824.8	502.4	0.59	5.35
0.55 YES						
L0005631	0	0.52652E-04	474270.9 3755827.1	502.3	0.59	5.35
0.55 YES						
L0005632	0	0.52652E-04	474259.7 3755829.5	501.6	0.59	5.35
0.55 YES	•		.,	50-10	0.22	
L0005633	0	0.52652E-04	474248.4 3755831.9	500.3	0.59	5.35
0.55 YES	O	0.320326 04	7,72,70.7 3,73,031.3	300.3	0.33	J. JJ
L0005634	0	0.52652E-04	474237.2 3755834.3	499.3	0.59	5.35
0.55 YES	O	0.520526 04	777237:2 3733037:3	<del>-</del>	0.55	5.55
L0005635	0	0.52652E-04	474225.9 3755836.6	498.9	0.59	5.35
0.55 YES	V	0.320326-04	474223.9 3733830.0	430.3	0.33	رد.د
	0	0 526525 04	474214 7 27FF920 A	400 6	0.59	5.35
L0005636	0	0.52652E-04	474214.7 3755839.0	498.6	0.59	5.35
0.55 YES	0	0 526525 04	474202 4 2755041 4	F00 4	0 50	F 2F
L0005637	0	0.52652E-04	474203.4 3755841.4	500.4	0.59	5.35
0.55 YES	0	0 536535 04	474402 2 2755042 7	E02 4	0 50	F 2F
L0005638	0	0.52652E-04	474192.2 3755843.7	502.1	0.59	5.35
0.55 YES	_					
L0005639	0	0.52652E-04	474180.9 3755846.0	502.6	0.59	5.35
0.55 YES	_					
L0005640	0	0.52652E-04	474169.6 3755848.4	502.7	0.59	5.35
0.55 YES						
L0005641	0	0.52652E-04	474158.4 3755850.7	502.7	0.59	5.35
0.55 YES						
L0005642	0	0.52652E-04	474147.1 3755853.1	502.6	0.59	5.35
0.55 YES						
L0005643	0	0.52652E-04	474135.9 3755855.4	502.6	0.59	5.35
0.55 YES						
L0005644	0	0.52652E-04	474124.6 3755857.7	502.5	0.59	5.35
0.55 YES						
L0005645	0	0.52652E-04	474113.4 3755860.1	502.4	0.59	5.35
0.55 YES						
L0005646	0	0.52652E-04	474102.1 3755862.4	502.4	0.59	5.35
0.55 YES						
L0005647	0	0.52652E-04	474090.8 3755864.8	502.4	0.59	5.35
0.55 YES						
L0005648	0	0.52652E-04	474079.6 3755867.1	502.4	0.59	5.35
0.55 YES						
↑ *** AERMOD	- VERSIC	N 21112 ***	*** 2036 OPERATION	IS - AUTO	TOG	
		also de also				

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)					
SZ SOURCE ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0005649 0.55 YES	0	0.52652E-04	474068.3	3755869.4	502.4	0.59	5.35
L0005650 0.55 YES	0	0.52652E-04	474057.1	3755871.8	502.3	0.59	5.35
L0005651 0.55 YES	0	0.52652E-04	474045.8	3755874.1	502.2	0.59	5.35
L0005652 0.55 YES	0	0.52652E-04	474034.5	3755876.5	502.1	0.59	5.35
L0005653 0.55 YES	0	0.52652E-04	474023.3	3755878.8	501.8	0.59	5.35
L0005654 0.55 YES	0	0.52652E-04	474012.0	3755881.1	501.6	0.59	5.35
L0005655 0.55 YES	0	0.52652E-04	474000.8	3755883.5	501.3	0.59	5.35
L0005656 0.55 YES	0	0.52652E-04	473989.5	3755885.8	501.0	0.59	5.35
L0005657 0.55 YES	0	0.52652E-04	473978.2	3755888.2	500.7	0.59	5.35
L0005658 0.55 YES	0	0.52652E-04	473967.0	3755890.5	500.4	0.59	5.35
L0005659 0.55 YES	0	0.52652E-04	473955.7	3755892.8	500.2	0.59	5.35
L0005660 0.55 YES	0	0.52652E-04	473944.5	3755895.2	499.9	0.59	5.35
L0005661 0.55 YES	0	0.52652E-04	473933.2	3755897.5	499.7	0.59	5.35
L0005662 0.55 YES	0	0.52652E-04	473921.9	3755899.9	499.4	0.59	5.35
L0005663 0.55 YES	0	0.52652E-04	473910.7	3755902.2	499.2	0.59	5.35
L0005664 0.55 YES	0	0.52652E-04	473899.4	3755904.5	498.9	0.59	5.35

L0005665 0.55 YES	0	0.52652E-04	473888.2 3755906.9	498.6	0.59	5.35
L0005666 0.55 YES	0	0.52652E-04	473876.9 3755909.2	498.3	0.59	5.35
L0005667 0.55 YES	0	0.52652E-04	473865.6 3755911.6	498.0	0.59	5.35
L0005668	0	0.52652E-04	473854.4 3755913.9	497.7	0.59	5.35
0.55 YES L0005669	0	0.52652E-04	473843.1 3755916.2	497.4	0.59	5.35
0.55 YES L0005670	0	0.52652E-04	473831.9 3755918.6	497.2	0.59	5.35
0.55 YES L0005671	0	0.52652E-04	473820.6 3755920.9	496.9	0.59	5.35
0.55 YES L0005672 0.55 YES	0	0.52652E-04	473809.3 3755923.3	496.6	0.59	5.35
L0005673 0.55 YES	0	0.52652E-04	473798.1 3755925.6	496.2	0.59	5.35
L0005674 0.55 YES	0	0.52652E-04	473786.8 3755927.9	495.9	0.59	5.35
L0005675 0.55 YES	0	0.52652E-04	473775.6 3755930.3	495.5	0.59	5.35
L0005676 0.55 YES	0	0.52652E-04	473764.3 3755932.6	495.2	0.59	5.35
L0005677 0.55 YES	0	0.52652E-04	473753.1 3755935.0	494.9	0.59	5.35
L0005678 0.55 YES	0	0.52652E-04	473741.8 3755937.3	494.5	0.59	5.35
L0005679 0.55 YES	0	0.52652E-04	473730.5 3755939.6	494.2	0.59	5.35
L0005680 0.55 YES	0	0.52652E-04	473719.3 3755942.0	493.8	0.59	5.35
L0005681 0.55 YES	0	0.52652E-04	473708.0 3755944.3	493.4	0.59	5.35
L0005682 0.55 YES	0	0.52652E-04	473696.8 3755946.7	493.0	0.59	5.35
L0005683 0.55 YES	0	0.52652E-04	473685.5 3755949.0	492.6	0.59	5.35
L0005684 0.55 YES	0	0.52652E-04	473674.2 3755951.3	492.2	0.59	5.35
L0005685 0.55 YES	0	0.52652E-04	473663.0 3755953.7	491.7	0.59	5.35
L0005686 0.55 YES	0	0.52652E-04	473651.7 3755956.0	491.2	0.59	5.35
L0005687 0.55 YES	0	0.52652E-04	473640.5 3755958.4	491.0	0.59	5.35
L0005688 0.55 YES	0	0.52652E-04	473629.2 3755960.7	490.7	0.59	5.35
↑ *** AERMOD	- VERSIO	N 21112 *** ***	*** 2036 OPERATION 04/06/22	S - AUTO TO	)G	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE S7 SOURCE	PART.	(GRAMS/SEC)				HEIGHT	
ID	CATS.	VAICE	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	i i	BY					
L0005689 0.55 YES	0 (	0.52652E-04	473617.9	3755963.0	490.2	0.59	5.35
L0005690 0.55 YES	0 (	0.52652E-04	473606.7	3755965.4	489.4	0.59	5.35
L0005691 0.55 YES	0 (	0.52652E-04	473595.4	3755967.7	488.7	0.59	5.35
L0005692 0.55 YES	0 (	0.52652E-04	473584.2	3755970.1	488.1	0.59	5.35
L0005693 0.55 YES	0 (	0.52652E-04	473572.9	3755972.4	487.5	0.59	5.35
L0005694 0.55 YES	0 (	0.52652E-04	473561.6	3755974.7	487.1	0.59	5.35
L0005695 0.55 YES	0 (	0.52652E-04	473550.4	3755977.1	486.8	0.59	5.35
L0005696 0.55 YES	0 (	0.52652E-04	473539.1	3755979.4	486.4	0.59	5.35
L0005697 0.55 YES	0 (	0.52652E-04	473527.9	3755981.8	486.1	0.59	5.35
↑ *** AERMOD -	VERSION		*** 2036 04/06/22		NS - AUTO	TOG	
*** AERMET -	VERSION	16216 ***	***				
		***	13:56:54				
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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

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

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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L0005190	L0005185 , L0005191	, L0005186 , L0005192	, L0005187	, L0005188	, L0005189	,
L0005198	L0005193 , L0005199	, L0005194 , L0005200	, L0005195 ,	, L0005196	, L0005197	y
L0005206	L0005201 , L0005207	, L0005202 , L0005208	, L0005203	, L0005204	, L0005205	y
L0005214	L0005209 , L0005215	, L0005210 , L0005216	, L0005211 ,	, L0005212	, L0005213	y
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L0005230	L0005225 , L0005231	, L0005226 , L0005232	, L0005227 ,	, L0005228	, L0005229	,
L0005238	L0005233 , L0005239	, L0005234 , L0005240	, L0005235 ,	, L0005236	, L0005237	,
L0005246	L0005241 , L0005247	, L0005242 , L0005248	, L0005243	, L0005244	, L0005245	,
L0005254	L0005249 , L0005255	, L0005250 , L0005256	, L0005251 ,	, L0005252	, L0005253	,
L0005262	L0005257 , L0005263	, L0005258 , L0005264	, L0005259 ,	, L0005260	, L0005261	,
L0005270	L0005265 , L0005271	, L0005266 , L0005272	, L0005267 ,	, L0005268	, L0005269	,
L0005278	L0005273 , L0005279	, L0005274 , L0005280	, L0005275	, L0005276	, L0005277	y
L0005286	L0005281 , L0005287	, L0005282 , L0005288	, L0005283	, L0005284	, L0005285	,
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*** MODELO	PTs: RegDF	PAGE AULT CONC EL	E 17 LEV URBAN AD	J_U*		
			*** SOUR	CE IDs DEFININ	IG SOURCE GROUPS	***
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★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
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                                04/06/22
*** AERMET - VERSION 16216 ***
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                                13:56:54
                                PAGE 18
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                        *** SOURCE IDS DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                      SOURCE IDs
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★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                               04/06/22
 *** AERMET - VERSION 16216 ***
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                              PAGE 19
                 RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                    SOURCE IDs
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★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
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                               04/06/22
                    16216 *** ***
*** AERMET - VERSION
                              13:56:54
                              PAGE 20
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
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L0005198	L0005193 , L0005199	, L0005194 , L0005200	, L0005195	, L0005196	, L0005197	,
L0005206	L0005201 , L0005207	, L0005202 , L0005208	, L0005203	, L0005204	, L0005205	,
L0005214	L0005209 , L0005215	, L0005210 , L0005216	, L0005211 ,	, L0005212	, L0005213	,
L0005222	L0005217 , L0005223	, L0005218 , L0005224	, L0005219	, L0005220	, L0005221	,
L0005230	L0005225 , L0005231	, L0005226 , L0005232	, L0005227	, L0005228	, L0005229	,
L0005238	L0005233 , L0005239	, L0005234 , L0005240	, L0005235	, L0005236	, L0005237	,
L0005246	L0005241 , L0005247	, L0005242 , L0005248	, L0005243	, L0005244	, L0005245	,
L0005254	L0005249 , L0005255	, L0005250 , L0005256	, L0005251	, L0005252	, L0005253	,
L0005262	L0005257 , L0005263	, L0005258 , L0005264	, L0005259	, L0005260	, L0005261	,
L0005270	L0005265 , L0005271	, L0005266 , L0005272	, L0005267	, L0005268	, L0005269	,
L0005278	L0005273 , L0005279	, L0005274 , L0005280	, L0005275	, L0005276	, L0005277	y

L0005286	L0005281 , L0005287	, L0005282 , L0005288	, L0005283	, L0005284	, L0005285	,
L0005294	L0005289 , L0005295	, L0005290 , L0005296	, L0005291	, L0005292	, L0005293	,
L0005302	L0005297 , L0005303	, L0005298 , L0005304	, L0005299 ,	, L0005300	, L0005301	,
L0005310	L0005305 , L0005311	, L0005306 , L0005312	, L0005307	, L0005308	, L0005309	,
L0005318	L0005313 , L0005319	, L0005314 , L0005320	, L0005315	, L0005316	, L0005317	,
	L0005321 , L0005327 OD - VERSION T - VERSION	*** 02 16216 *** ***	1/06/22	, L0005324 TIONS - AUTO TO	, L0005325 G	g

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINED AS URBAN SOURCES

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URBAN ID	URBAN POP			SOURCE IDs			
L0005334	L0005329 , L0005335	, L0005330 , L0005336	, L0005331	, L0005332 , L0005333	,		
L0005342	L0005337 , L0005343	, L0005338 , L0005344	, L0005339	, L0005340 , L0005341	J		
L0005350	L0005345 , L0005351	, L0005346 , L0005352	, L0005347	, L0005348 , L0005349	,		
L0005358	L0005353 , L0005359	, L0005354 , L0005360	, L0005355	, L0005356 , L0005357	J		
L0005366	L0005361 , L0005367	, L0005362 , L0005368	, L0005363	, L0005364 , L0005365	,		
	L0005369	, L0005370	, L0005371	, L0005372 , L0005373	,		

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L0005478
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L0005486
↑ *** AERMOD - VERSION 21112 ***
                                   *** 2036 OPERATIONS - AUTO TOG
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 13:56:54
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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URBAN ID	URBAN POP			SOURCE :	IDs	
L0005494	L0005489 , L0005495	, L0005490 , L0005496	, L0005491 ,	, L0005492	, L0005493	,
L0005502	L0005497 , L0005503	, L0005498 , L0005504	, L0005499 ,	, L0005500	, L0005501	,
L0005510	L0005505 , L0005511	, L0005506 , L0005512	, L0005507	, L0005508	, L0005509	y
L0005518	L0005513 , L0005519	, L0005514 , L0005520	, L0005515	, L0005516	, L0005517	,
L0005526	L0005521 , L0005527	, L0005522 , L0005528	, L0005523	, L0005524	, L0005525	,
L0005534	L0005529 , L0005535	, L0005530 , L0005536	, L0005531	, L0005532	, L0005533	g
L0005542	L0005537 , L0005543	, L0005538 , L0005544	, L0005539	, L0005540	, L0005541	,
L0005550	L0005545 , L0005551	, L0005546 , L0005552	, L0005547	, L0005548	, L0005549	,
L0005558	L0005553 , L0005559	, L0005554 , L0005560	, L0005555	, L0005556	, L0005557	,
L0005566	L0005561 , L0005567	, L0005562 , L0005568	, L0005563	, L0005564	, L0005565	,
L0005574	L0005569 , L0005575	, L0005570 , L0005576	, L0005571	, L0005572	, L0005573	,
L0005582	L0005577 , L0005583	, L0005578 , L0005584	, L0005579	, L0005580	, L0005581	,
L0005590	L0005585 , L0005591	, L0005586 , L0005592	, L0005587	, L0005588	, L0005589	,
L0005598	L0005593 , L0005599	, L0005594 , L0005600	, L0005595	, L0005596	, L0005597	,

L0005606		, L0005602 , L0005608	, L0005603	, L0005604	, L0005605	,
L0005614	L0005609 , L0005615	, L0005610 , L0005616	, L0005611 ,	, L0005612	, L0005613	J
L0005622	L0005617 , L0005623	•	, L0005619	, L0005620	, L0005621	,
L0005630	L0005625 , L0005631	, L0005626 , L0005632	, L0005627	, L0005628	, L0005629	,
L0005638	L0005633 , L0005639	,	, L0005635	, L0005636	, L0005637	,
	, L0005647 DD - VERSION	, L0005642 , L0005648 21112 *** ** *** 04 16216 *** *** *** 13:5	, ** 2036 OPERA !/06/22	•	•	,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP			SOURCE IDs	
L0005654	L0005649 , L0005655	, L0005650 , L0005656	, L0005651	, L0005652 , L0005653	,
L0005662	L0005657 , L0005663	, L0005658 , L0005664	, L0005659	, L0005660 , L0005661	J
L0005670	L0005665 , L0005671	, L0005666 , L0005672	, L0005667	, L0005668 , L0005669	,
L0005678	L0005673 , L0005679	, L0005674 , L0005680	, L0005675	, L0005676 , L0005677	,
L0005686	L0005681 , L0005687	, L0005682 , L0005688	, L0005683	, L0005684 , L0005685	y
	L0005689	, L0005690	, L0005691	, L0005692 , L0005693	,

L0005697 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG \*\*\* 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 13:56:54 PAGE 24 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0, 474796.0, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6, ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG \*\*\* 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 13:56:54 PAGE 25 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474691.04 474706.04 474721.04 474736.04 474751.04 474766.04 474781.04 474796.04 497.50 497.30 497.10 3755633.62 497.60 497.00 496.60 497.00 497.00 3755618.62 496.90 497.10 497.10 497.00 496.90 497.10 495.90 496.70 3755603.62 497.00 497.00 497.00 497.00

L0005694 , L0005695 , L0005696 ,

497.20 497.10 495.46 3755588.62   496.60 497.30 497.10 495.16 3755573.62   496.40 497.20 496.90 494.76  ★ *** AERMOD - VERSION 21112 ***  ***  ***  ***  ***  ***  ***	496.90 496.70 *** 2036 OP 04/06/22 *** 13:56:54	496.80	497.00	
*** MODELOPTs: RegDFAULT CONC	PAGE 26 C ELEV URBAN *** NETWORK I		NETWORK TYPI	E: GRIDCART
		* HILL HEIGH	T SCALES IN MI	ETERS *
Y-COORD   (METERS)   474691.04 474766.04 474781.04 474796.0		4721.04 474	X-COORD (ME 4736.04 474	TERS) 4751.04
3755633.62   789.90 789.90 789.90 789.90 3755618.62   789.90	789.90 3	789.90	789.90 789.90	
789.90 789.90 789.90 3755603.62   789.90	9		789.90	789.90
789.90 789.90 789.90 3755588.62   789.90	789.90			
789.90 789.90 789.90 3755573.62   789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
*** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***  ***	*** 2036 OP 04/06/22	ERATIONS - AU	TO TOG	
*** MODELOPTs: RegDFAULT CONC	PAGE 27 C ELEV URBAN	ADJ_U*		
	*** GRI	DDED RECEPTOR	NETWORK SUMM	ARY ***
***	*** NETWORK I	D: UCART2 ;	NETWORK TYPI	E: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

474790.5, 474805.5, 474820.5, 474835.5, 474850.5, 474865.5, 474880.5, 474895.5, \*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755561.1, 3755576.1, 3755591.1, 3755606.1,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\* ELEVATION HEIGHTS IN METERS \*

492.60

492.70

492.50

Y-COORD				X-COOR	D (METERS)
(METERS)	474790	.51 474805.	51 474820.51	474835.51	474850.51
474865.51	474880.51	474895.51			
3755606.07	496	.10 494.	50 493.70	493.20	493.20
493.30	493.40	493.60			
3755591.07	495	.90 494.	00 493.30	492.90	492.90
492.90	492.90	492.70			

492.50 492,40 492.10 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

3755561.07 | 495.20 493.10 492.70 492.40

04/06/22 16216 \*\*\* \*\*\* AERMET - VERSION

3755576.07 | 495.60 493.50

492.60 492.10

13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

493.00

\*\*\*

492.70

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) 474790.51 474805.51 474820.51 474835.51 474850.51 474865.51 474880.51 474895.51

3755606.07   789.90 78					
789.90 7			789.90	789.90	789.90
789.90 7	3755591.07   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG  *** AERMET - VERSION 16216 *** ***  *** 13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** GRIDDED RECEPTOR NETWORK SUMMARY ***  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** Y-COORDINATES OF GRID ***  (METERS)  3755608.3, 3755623.3,  ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG  04/06/22  *** AERMET - VERSION 16216 *** ***  13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** *** *** ***  *** *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** *** ***  *** ***  *** *** ***  ***  ***  *** ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  **  **  ***  ***  **	3755576.07   789.90 789.90 789.90	789.90 789.90			
*** AERMET - VERSION 16216 *** ***  *** 13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** RETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** Y-COORDINATES OF GRID ***  (METERS)  3755608.3, 3755623.3,  *** AERMET - VERSION 16216 ***  *** ***  *** AERMET - VERSION 16216 ***  ***  *** AERMET - VERSION 16216 ***  ***  *** AERMET - VERSION 16216 ***  ***  *** AERMET - VERSION 16216 ***  ***  *** AERMET - VERSION 16216 ***  ***  ***  *** AERMET - VERSION 16216 ***  ***  ***  ***  ***  ***  ***  **	789.90 789.90 7	789.90			789.90
*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** GRIDDED RECEPTOR NETWORK SUMMARY ***  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** X-COORDINATES OF GRID *** (METERS)  474800.9, 474815.9,  *** Y-COORDINATES OF GRID *** (METERS)  3755608.3, 3755623.3,  *** AERMOD - VERSION 21112  *** *** 2036 OPERATIONS - AUTO TOG 04/06/22  *** AERMET - VERSION 16216  *** 13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  *** *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART	*** *** AERMET - VERSION 16216	04/06/22 *** ***	OI ENATIONS	A010 100	
*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** X-COORDINATES OF GRID *** (METERS)  474800.9, 474815.9,  *** Y-COORDINATES OF GRID *** (METERS)  *** AERMOD - VERSION 21112  *** *** 04/06/22  *** AERMET - VERSION 16216 ***  *** 13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** *** ***  *** *** ***  *** ***  *** ***  *** ***  *** *** ***  *** **  *** ***  *** ***  *** ***  *** ***  *** ***  *** ***  *** ***  *** ***  *** ***  *** ***  *** **  *** **  *** **  *** **  ***  *** **  *** **  *** **  *** **  ***  *** **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **	*** MODELOPTs: RegDFAULT		AN ADJ_U*		
*** *** X-COORDINATES OF GRID ***  (METERS)  474800.9, 474815.9,  *** Y-COORDINATES OF GRID *** (METERS)  3755608.3, 3755623.3,  *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG  *** 04/06/22  *** AERMET - VERSION 16216 *** ***  *** 13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  *** ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)		*** G	RIDDED RECEPT	OR NETWORK SU	JMMARY ***
#** Y-COORDINATES OF GRID ***  3755608.3, 3755623.3,  ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG  04/06/22  *** AERMET - VERSION 16216 *** ***  13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  Y-COORD   X-COORD (METERS)	***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
*** Y-COORDINATES OF GRID ***  (METERS)  3755608.3, 3755623.3,  *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG  04/06/22  *** AERMET - VERSION 16216 *** ***  13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  * ELEVATION HEIGHTS IN METERS *  Y-COORD    X-COORD (METERS)		***			•
#** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG 04/06/22  *** AERMET - VERSION 16216 *** *** 13:56:54  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  Y-COORD   X** X-COORD (METERS)	474800.9, 474815.9,				
*** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG		***			· ·
*** 13:56:54  PAGE 31  *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  * ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)	↑ *** AERMOD - VERSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*  *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART  ***  * ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)					
***  * ELEVATION HEIGHTS IN METERS *  Y-COORD   X-COORD (METERS)	*** MODELOPTs: RegDFAULT		AN ADJ_U*		
Y-COORD   X-COORD (METERS)	***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
1			* ELEVATIO	N HEIGHTS IN	METERS *
	• • • • • • • • • • • • • • • • • • •	474815.90		X-COORD (	METERS)

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3755623.35 | 495.80 495.20
 3755608.35
                   495.00
                               494.00
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               13:56:54
                               PAGE 32
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                               *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART
***
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                474800.90 474815.90
 3755623.35
                   789.90
                                789.90
 3755608.35
                   789.90
                               789.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                     ***
                               13:56:54
                               PAGE 33
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                       *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                              13:56:54
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*** MODELOPTs: RegDFAULT	PAGE 34 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD   (METERS)   474820.81	X-COORD (METERS) 474835.81
3755622.54   495.00 3755607.54   493.70 ↑ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***	493.20 2 *** *** 2036 OPERATIONS - AUTO TOG 04/06/22
*** MODELOPTs: RegDFAULT	PAGE 35 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   474820.81	* HILL HEIGHT SCALES IN METERS *  X-COORD (METERS)  474835.81
(METERS)   474820.81 	X-COORD (METERS) 474835.81 789.90 789.90 789.90 **** *** 2036 OPERATIONS - AUTO TOG 04/06/22
(METERS)   474820.81 	X-COORD (METERS) 474835.81 789.90 789.90 789.90 **** *** 2036 OPERATIONS - AUTO TOG 04/06/22 *** ***
(METERS)   474820.81 	X-COORD (METERS) 474835.81  789.90 789.90 789.90 *** *** 2036 OPERATIONS - AUTO TOG 04/06/22 *** *** 13:56:54 PAGE 36
(METERS)   474820.81 	X-COORD (METERS) 474835.81  789.90 789.90 **** *** 2036 OPERATIONS - AUTO TOG 04/06/22 *** *** 13:56:54  PAGE 36 CONC ELEV URBAN ADJ_U*

(METERS)

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755600.4, 3755615.4,  ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
PAGE 37 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***
* ELEVATION HEIGHTS IN METERS *
Y-COORD   X-COORD (METERS) (METERS)   474838.93 474853.93
3755615.41   493.60 493.60 3755600.41   493.10 493.10 ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
PAGE 38 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *
Y-COORD   X-COORD (METERS) (METERS)   474838.93 474853.93
3755615.41   789.90 789.90 3755600.41   789.90 789.90 ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

474857.7, 474872.7,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755596.5, 3755611.5,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD X-COORD (METERS)

3755611.53 | 493.30 493.50

3755596.53 493.00 493.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) | 474857.73 474872.73

 3755611.53 |
 789.90
 789.90

 3755596.53 |
 789.90
 789.90

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\* **13:56:54** 

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755313.7, 3755333.7,

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD | X-COORD (METERS) | 475108.79 475128.79 475148.79 475168.79

					- 		
3755333.70		493.70	492.8	9	492.30	492.40	492.80
402 20	400 70	404 70		406 20			
3755313.70		494.70	492.4	9	492.00	492.00	492.40
492 80	493 10	493 60		494 40			
3755293.70		492.90	492.2	9	491.80	491.70	492.00
492.40	492.60	492.90		493.40			
3755273.70		492.90	492.1	9	491.60	491.50	491.70
492.00	492.30	492.60		493.10			
3755253.70		492.60	492.0	9	491.60	491.40	491.50
491.80	492.20	492.60		493.20			
		492.30				491.40	491.40
491.70	492.20	492.70		493.30			
3755213.70		492.00	491.8	9	491.70	491.60	491.50
404 00	400 00	400 00		400 40			
3755193.70		492.80 492.00	492.0	9	492.00	491.90	491.70
491.80	492.30	492.80		493.30			
		492.80				492.00	491.70
		492.70					
		492.30				492.00	491.70
491.90	492.20	492.50	ala ala ala	492.90			
↑ *** AERMOD -	- VEKSTO	N 21112 *** ***	04/0	2036 OP	ERATIONS - AL	)10 10G	
*** AERMET -	VEDETON	16216 ***	04/0 ***	0/22			
AERMEI -	VEKSTON	***					
		11-11-11	13:30:	54			
			DAGE	11			
*** MODELOPTS	· Rac				*וו בטא		
MODELOFTS	٠٠ ١٨٠٤	SDI AULT CONC	LLLV	UNDAN	AD3_0		
			*** NF	TWORK TI	D. LICART7 :	NETWORK TY	PE: GRIDCART
***				TWOTH I	, oc. (1)	METWORK TT	. L. GRIDEART
					* ELEVATION	HEIGHTS IN M	ETERS *
Y-COORD						X-COORD (M	ETERS)
(METERS)	475	5288.79				•	•
`							
3755333.70		496.60					
3755313.70		494.90					
3755293.70		494.00					
3755273.70		493.80					
3755253.70		493.90					
3755233.70		493.90					
3755213.70		493.90					
3755193.70		493.70					

475208.79 475228.79 475248.79 475268.79

3755153.70 | 493.50 \*\*\* AEPMCT 493.40

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

Y-COORD |

#### \* HILL HEIGHT SCALES IN METERS \*

X-COORD (METERS)

(METERS)	475108	3.79 47!	5128.79 47	5148.79	475168.79	475188.79
475208.79	475228.79	475248.79	9 475268.79	9		
			789.90		789.90	789.90
			789.90			
			789.90		789.90	789.90
789.90	789.90	789.90	789.90			
			789.90		789.90	789.90
			789.90			
			789.90		789.90	789.90
789.90	789.90	789.90	789.90			
3755253.70	789	.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755233.70	789	.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.90			
3755213.70	789	.90	789.90	789.90	789.90	789.90
			789.90			
3755193.70	789	.90	789.90	789.90	789.90	789.90
			789.90			
			789.90		789.90	789.90
			789.90			
			789.90		789.90	789.90
789.90	789.90	789.90	789.90			
789.90 <b>↑</b> *** AERMOD	- VERSION 21	L112 ***	*** 2036 OP	ERATIONS -	AUTO TOG	
		***	04/06/22			
*** AERMET -						

13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

## \* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)
(METERS)	475288.79	
3755333.70	789.90	
	789.90	
3755293.70	789.90	
3755273.70	789.90 789.90	
3755253.70	789.90	
	789.90	
	789.90	
	789.90	
	789.90   789.90	
		* *** 2036 OPERATIONS - AUTO TOG
ALITIOD		04/06/22
*** AERMET -	VERSION 16216 ***	
	***	13:56:54
		PAGE 47
*** MODELOPTS	s: RegDFAULT CO	NC ELEV URBAN ADJ_U*
		*** GRIDDED RECEPTOR NETWORK SUMMARY ***
		*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART
***		NETWORK ID. OCARTO , NETWORK TIPE. GRIDCART
		*** X-COORDINATES OF GRID ***
		(METERS)
		191.6, 475211.6, 475231.6, 475251.6, 475271.6,
_	5311.6, 475331.6,	
475351	.6, 475371.6,	
		*** Y-COORDINATES OF GRID ***
		(METERS)
		(HETERS)
3755338	.3, 3755358.3, 37553	378.3, 3755398.3,
	- VERSION 21112 **	
	***	04/06/22
*** AERMET -	VERSION 16216 ***	***
	***	13:56:54
<b>***</b> ********	D. BEAUTE CO.	PAGE 48
*** MODELOPTS	s: RegDFAULT COI	NC ELEV URBAN ADJ_U*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* ELEVATION HEIGHTS IN METERS \*

, , ,	475151.63 47			X-COORD (	•
475251.63 475271	1.63 475291.63	3 475311.6	3		
3755398.30	497.20	497.00	496.70	496.70	497.40
497.80 497.	90 497.70	497.60			
3755378.30	495.90	495.60	495.20	495.30	496.30
497.30 497.	.80 497.60	497.40			
3755358.30	494.40	494.20	493.80	494.10	495.20
496.40 497.	497.30	496.90			
3755338.30	492.60	492.70	493.00	493.50	494.00
495.20 496.	496.90	496.30			
↑ *** AERMOD - VERS			ERATIONS - A	AUTO TOG	
	***				
*** AERMET - VERSI					
	***	13:56:54			
		PAGE 49			
*** MODELOPTs:	RegDFAULT CONC	ELEV URBAN	ADJ_U*		

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475331.63	475351.63	475371.63	X-COORD (METERS)
3755398.30	497.60	497.70	497.90	

3755378.30 | 497.00 497.70 497.90 3755378.30 | 497.20 497.20 497.60 3755358.30 | 496.70 496.80 497.30 3755338.30 | 496.00 496.30 497.10 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	* HILL	HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475151.63 475251.63 475271.63 475		X-COORD (METERS) 475211.63 475231.63
3755398.30   789.90 789.90 789.90 7		789.90 789.90
3755378.30   789.90 789.90 789.90 7	789.90 789.90 789.90 789.90	789.90 789.90
3755358.30   789.90 789.90 789.90 7	789.90 789.90	789.90 789.90
3755338.30   789.90	789.90 789.90	
*** AERMET - VERSION 16216	04/06/22	S - AUTO TOG
*** MODELOPTs: RegDFAULT	_	K  T8 ; NETWORK TYPE: GRIDCART
***	TO NEIWORK ID. OCARI	16 , NEIWORK TIPE. GRIDCART
	* HILL	HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475331.63	475351.63 475371.63	X-COORD (METERS)
3755398.30   789.90 3755378.30   789.90 3755358.30   789.90 3755338.30   789.90 ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 *** *** 2036 OPERATIONS 04/06/22	S - AUTO TOG
*** MODELOPTs: RegDFAULT	PAGE 52 CONC ELEV URBAN ADJ_U*	k

<sup>\*\*\*</sup> GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

## \*\*\* X-COORDINATES OF GRID \*\*\* (METERS)

475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755404.0, 3755424.0, 3755444.0,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

#### \* ELEVATION HEIGHTS IN METERS \*

,	   475185.62 475 475305.62 475325.62			(METERS) 475265.62
3755444.04	496.90	497.10 497.	40 497.80	498.10
498.30	498.40 498.50	498.50		
3755424.04	497.00	497.20 497.	497.80	498.00
498.10	498.10 498.20	498.20		
3755404.04	496.90	496.80 497.	20 497.80	497.90
497.80	497.80 497.70	497.70		
↑ *** AERMOD	- VERSION 21112 ***	*** 2036 OPERATI	ONS - AUTO TOG	
	***	04/06/22		

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 13:56:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475365.62 	X-COORD (METERS)
3755444.04   3755424.04   3755404.04   ↑ *** AERMOD - VE	498.30 497.90 RSION 21112 ***	*** 2036 OPERATIONS - AUTO TOG 04/06/22 *** 13:56:54
*** MODELOPTs:	RegDFAULT CONG	PAGE 55 C ELEV URBAN ADJ_U*
***		*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
		* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475285.62 4753		X-COORD (METERS) 75205.62 475225.62 475245.62 475265.62 62 475345.62
789.90 78	9.90 789.90	
789.90 78	9.90 789.90	789.90 789.90 789.90 789.90 0 789.90
3755404.04   789.90 78	789.90 9.90 789.90	789.90 789.90 789.90 789.90 0 789.90 *** 2036 OPERATIONS - AUTO TOG
*** AERMET - VER	***	04/06/22 *** 13:56:54
*** MODELOPTs:	RegDFAULT CONG	PAGE 56 C ELEV URBAN ADJ_U*
***		*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
		* HILL HEIGHT SCALES IN METERS *
Y-COORD		X-COORD (METERS)

```
(METERS) | 475365.62
                789.90
789.90
 3755444.04
 3755424.04
 3755404.04
                  789.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                              13:56:54
                              PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755450.2, 3755470.2, 3755490.2,
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:56:54
                              PAGE 58
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS) |
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
 3755490.18 | 497.30 497.80 498.20 498.60 499.00
 499.10 499.20
```

3755470.18   498.90 49	497.40 8 90	497.80	498.20	498.50	498.80
3755450.18	497.50	497.90	498.20	498.40	498.50
498.60 49 ★ *** AERMOD - VE *** AERMET - VER	RSION 21112 ***  ***  SION 16216 ***	04/06/22 ***	OPERATIONS -	AUTO TOG	
	***	13:56:54			
*** MODELOPTs:	RegDFAULT COM	PAGE 59 IC ELEV URI	BAN ADJ_U*		
***		*** NETWORK	( ID: UCART12	; NETWORK	TYPE: GRIDCART
			* HILL HE	IGHT SCALES II	N METERS *
Y-COORD   (METERS)   475330.47 4753	475230.47 4 50.47	75250.47	475270.47	X-COORD 475290.47	
3755490.18   789.90 78	789.90 9.90	789.90	789.90	789.90	789.90
3755470.18   789.90 78		789.90	789.90	789.90	789.90
3755450.18   789.90 78		789.90	789.90	789.90	789.90
↑ *** AERMOD - VE	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** AERMET - VER	SION 16216 *** ***	*** 13:56:54			
*** MODELOPTs:	RegDFAULT COM	PAGE 60 IC ELEV URI	BAN ADJ_U*		
		*** (	GRIDDED RECEPT	TOR NETWORK SI	UMMARY ***
***		*** NETWORK	( ID: UCART13	; NETWORK	TYPE: GRIDCART
		***	* X-COORDINATE (METER		*
475254.8,	475274.8, 4752	294.8, 47532	14.8, 475334	.8,	
		***	Y-COORDINATE	S OF GRID ***	*

(METERS)

```
3755493.8, 3755513.8,
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG

*** 04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:56:54
                              PAGE 61
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                          * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                      X-COORD (METERS)
   (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84
 3755513.80 498.20 498.70 499.10 499.40
                                                               499.50
                                         498.80
 3755493.80
                  498.00
                             498.40
                                                     499.10
                                                                499.20
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                              13:56:54
                              PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
                                          * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                      X-COORD (METERS)
               475254.84 475274.84 475294.84 475314.84 475334.84
   (METERS)
                  789.90
 3755513.80
                             789.90
                                          789.90
                                                     789.90
                                                                 789.90
 3755493.80 | 789.90
                              789.90
                                          789.90
                                                     789.90
                                                                 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              13:56:54
                              PAGE 63
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
```

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6, ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* **13:56:54** 

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	- VERSION 21112	*** *** 2036	OPERATIONS	- AUTO TOG	
	***	04/06/22			
*** AERMET -	VERSION 16216	*** ***			
	***	13:56:54			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	475293.48 	475313.48 	475333.48 		(METERS) 475373.48
3755332.63	789.90	789.90	789.90	789.90	789.90
3755312.63	789.90	789.90	789.90	789.90	789.90
3755292.63	789.90	789.90	789.90	789.90	789.90
3755272.63	789.90	789.90	789.90	789.90	789.90
3755252.63	789.90	789.90	789.90	789.90	789.90
3755232.63	789.90	789.90	789.90	789.90	789.90
3755212.63	789.90	789.90	789.90	789.90	789.90
★ *** AERMOD	- VERSION 21112		36 OPERATIONS	- AUTO TOG	
	***	04/06/2	22		
*** AERMET -					
	***	13:56:54			
		PAGE 66			
*** MODELOPT:	s: RegDFAULT	CONC ELEV U	JRBAN ADJ_U*		
			*** METEOROLO	OGICAL DAYS SE	ELECTED FOR
PROCESSING ***	<b>(</b>				
				(1=YES;	; 0=NO)
4					
	1111111		111111 1	111111	1 1 1 1 1 1
1111111	111111				
	1111111		111111 1	1111111	111 111
1111111	111111				
	1111111		111111 1	111111	111 111
1111111	111111				
	1111111		111111 :	1 1 1 1 1 1 1	111 111
1111111	111111				
	1 1 1 1 1 1 1 1		111111 1	1 1 1 1 1 1 1	1 1 1 1 1 1
1111111					
	1111111		111111 :	1 1 1 1 1 1 1	1 1 1 1 1 1
1111111	111111				
	1 1 1 1 1 1 1 1		111111 1	111111	111 111
111111	111111		_		
1	1111111	l 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)

0.61

10.80,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

> \*\*\* 13:56:54

> > PAGE 67

RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs:

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

DATA \*\*\*

Surface file: PERI V9 ADJU\PERI V9.SFC

Met Version: 16216

Profile file: PERI V9 ADJU\PERI V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

> Name: UNKNOWN Name: UNKNOWN

2010 Year: Year: 2010

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

. . . . . . . . . . . . . . . . . . . 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 10 01 01 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 142. 9.1 280.9 5.5 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 324. 9.1 280.4 5.5 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 294. 9.1 278.8 5.5 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 10 01 01 0.61 0.90 205. 9.1 278.1 1.00 5.5 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 3. 9.1 277.0 5.5 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 10 01 01 0.61 1.30 99. 9.1 277.0 1.00 5.5 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.61 0.54 0.90 319. 9.1 278.8 5.5 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 10 01 01 1 09 0.61 0.90 239. 9.1 284.2 5.5

10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19

```
0.26 0.40 188. 9.1 289.2 5.5
10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19
                                                               0.61
0.23
      2.70 310. 9.1 290.9 5.5
          1 12 97.1 0.281 1.058 0.008 421.
                                            357.
                                                  -19.7 0.19
10 01 01
                                                               0.61
0.22
      2.20 357. 9.1 293.1
                              5.5
10 01 01 1 13 92.2 0.279 1.117 0.008 523.
                                            354. -20.4 0.19
      2.20 356. 9.1 293.8
                              5.5
10 01 01 1 14 77.6 0.275 1.102 0.008 595.
                                            347.
                                                  -23.2 0.19
                                                               0.61
      2.20 50.
                  9.1 294.2
0.23
                              5.5
                54.9 0.230 1.006 0.008 640.
          1 15
                                            266. -19.2 0.19
10 01 01
                                                               0.61
      1.80 53. 9.1 293.8
0.27
                              5.5
          1 16 12.3 0.206 0.613 0.008 648.
                                            225. -61.5 0.19
10 01 01
                                                               0.61
      1.80 11. 9.1 292.5
                            5.5
          1 17
               -3.6 0.087 -9.000 -9.000 -999. 71.
10 01 01
                                                  15.6 0.19
      0.90 351.
                9.1 290.4
                              5.5
0.64
10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999.
                                             62.
                                                    15.2 0.19
                                                               0.61
      0.90 186. 9.1 287.5
                             5.5
10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62.
                                                    15.2 0.19
                                                               0.61
      0.90 275. 9.1 285.9
1.00
                              5.5
10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39.
                                                    18.1 0.19
                                                               0.61
      0.40 181. 9.1 285.4
                              5.5
10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106.
                                                    21.3 0.19
                                                               0.61
      1.30 318. 9.1 284.9
1.00
                              5.5
          1 22 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
10 01 01
                                                               0.61
      0.90 196. 9.1 283.1
                              5.5
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
                                                               0.61
      0.90 330. 9.1 281.4
                             5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106.
                                                    21.2 0.19
      1.30 332. 9.1 280.9 5.5
1.00
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01
           9.1 1 335.
                         1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 ***
                             13:56:54
                   ***
                             PAGE 68
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0005169 , L0005170
, L0005171
            , L0005172
                       , L0005173
                        , L0005175 , L0005176 , L0005177 , L0005178
              L0005174
```

```
, L0005179 , L0005180 , L0005181
                                  , L0005184 , L0005185 , L0005186
             L0005182
                      , L0005183
                      , L0005189
, L0005187
           , L0005188
             L0005190 , L0005191 , L0005192 , L0005193 , L0005194
           , L0005196 , . . .
, L0005195
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
               **
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.30209 0.31036 0.31779 0.32600
                                                           0.33510
0.34520 0.35599 0.36572
                                     0.28017 0.28662
 3755618.62 0.26720 0.27377
                                                           0.29341
0.30151 0.30944 0.31368
 3755603.62 0.24080 0.24625 0.25132
                                                 0.25662
                                                           0.26217
0.26848 0.27434 0.27613
                0.21960 0.22408 0.22821 0.23270
 3755588.62
                                                           0.23738
0.24246 0.24694 0.24763
 3755573.62 0.20188 0.20563
                                      0.20922
                                                 0.21310
                                                           0.21698
0.22100 0.22450 0.22463
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           13:56:54
                           PAGE 69
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
                           ***
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0005169 , L0005170
, L0005171
           , L0005172
                      , L0005173
                      , L0005175 , L0005176 , L0005177 , L0005178
             L0005174
, L0005179
           , L0005180 , L0005181
                      , L0005183 , L0005184 , L0005185 , L0005186
             L0005182
, L0005187
           , L0005188
                      , L0005189
                      , L0005191 , L0005192 , L0005193 , L0005194
             L0005190
, L0005195
           , L0005196 , . . .
                            *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
```

\*\*

Y-COORD   (METERS)   474790.51 474865.51 474880.51 47489		474820.51		(METERS) 474850.51
3755606.07   0.28086 0.30947 0.31842 0.32		0.28769	0.29347	0.30108
3755591.07   0.25162 0.27283 0.27929 0.28	0.25252	0.25626	0.26088	0.26670
3755576.07   0.22808 0.24500 0.24985 0.25	0.22833	0.23166	0.23532	0.24016
3755561.07   0.20865	0.20877	0.21165	0.21480	0.21877
*** AERMET - VERSION 16216 **	*** *** 203 04/06/2	36 OPERATIONS -	- AUTO TOG	
*** MODELOPTs: RegDFAULT C	PAGE 70 CONC ELEV U	JRBAN ADJ_U*		
*VALUES FOR SOURCE GROUP: ALL		DD ( 43824 HRS)	AVERAGE CON	CENTRATION
		SOURCE(S):	L0005169	, L0005170
, L0005171 , L0005172 , L L0005174 ,	L0005175		, L0005177	, L0005178
L0005182 ,	L0005183	-	, L0005185	, L0005186
, L0005187 , L0005188 , L L0005190 ,	.0005189 , L0005191	, L0005192	, L0005193	, L0005194
, L0005195 , L0005196 ,	,			
GRIDCART ***	*** NETW	JORK ID: UCART3	B ; NETWOR	K TYPE:
**	**	CONC OF TOG	IN MICROG	RAMS/M**3
Y-COORD   (METERS)   474800.90	474815.90 		X-COORD	(METERS)
3755623.35   0.33009 3755608.35   0.28750 ↑ *** AERMOD - VERSION 21112	0.33754 0.29169 *** *** 203	36 OPERATIONS -	- AUTO TOG	

```
16216 ***
 *** AERMET - VERSION
                                  13:56:54
                                  PAGE 71
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                          L0005169
                                                                       , L0005170
, L0005171
              , L0005172
                            , L0005173
                 L0005174
                            , L0005175
                                           , L0005176
                                                        , L0005177
                                                                       , L0005178
 L0005179
              , L0005180
                           , L0005181
                            , L0005183
                                           , L0005184
                                                                       , L0005186
                                                        , L0005185
                 L0005182
              , L0005188
 L0005187
                            , L0005189
                L0005190
                            , L0005191
                                           , L0005192
                                                        , L0005193
                                                                       , L0005194
 L0005195
              , L0005196
                                   *** NETWORK ID: UCART4
                                                          ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
    Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                               474835.81
                  474820.81
  3755622.54
                                  0.34696
                    0.33739
  3755607.54
                    0.29127
                                  0.29723
 *** AERMOD - VERSION 21112
                                   *** 2036 OPERATIONS - AUTO TOG
                                   04/06/22
                      16216 ***
 *** AERMET - VERSION
                                   ***
                       ***
                                  13:56:54
                                  PAGE 72
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                          L0005169
                                                                       , L0005170
, L0005171
              , L0005172
                            , L0005173
                            , L0005175
                                           , L0005176
                 L0005174
                                                        , L0005177
                                                                       , L0005178
 L0005179
              , L0005180
                            , L0005181
                            , L0005183
                L0005182
                                           , L0005184
                                                        , L0005185
                                                                       , L0005186
              , L0005188
 L0005187
                            , L0005189
                 L0005190
                           , L0005191
                                           , L0005192
                                                        , L0005193
                                                                       , L0005194
, L0005195
             , L0005196
```

04/06/22

```
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474838.93 474853.93
 3755615.41
                 0.32165
                            0.33104
 3755600.41
                 0.28172
                           0.28865
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 ***
                              13:56:54
                              PAGE 73
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0005169
                                                              , L0005170
, L0005171
            , L0005172 , L0005173
                                      , L0005176 , L0005177 , L0005178
                        , L0005175
              L0005174
, L0005179
            , L0005180 , L0005181
              L0005182 , L0005183 , L0005184 , L0005185 , L0005186
                        , L0005189
, L0005187
           , L0005188
                        , L0005191
              L0005190
                                    , L0005192 , L0005193 , L0005194
, L0005195 , L0005196
                               *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474857.73 474872.73
 3755611.53
                 0.32049
                              0.33053
 3755596.53
                  0.28133
                              0.28854
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION 16216 *** ***
                    ***
                            13:56:54
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\*\*\* NETWORK ID: UCART5 ; NETWORK TYPE:

PAGE 74
\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	THE PERIOD ( 43824 HRS)	AVERAGE CONCEN	TRATION
VALUES FOR SOURCE GROOF. ALL	*** FNCLUDING SOURCE(S):	1,0005160	L000E170
, L0005171 , L0005172 , L000!	INCLUDING SOURCE(S): 5173 ,	10003109 ,	L0005170
L0005174 , L000	95175 , L0005176 ,	L0005177 ,	L0005178
, L0005179 , L0005180 , L0009	5181 ,		
L0005182 , L000 , L0005187 , L0005188 , L0009	95183 , L0005184 , 5189 ,	L0005185 ,	L0005186
		L0005193 ,	L0005194
	• ,	,	
	de de de company de la company		
GRIDCART ***	*** NETWORK ID: UCART7	; NETWORK T	YPE:
GRIDCARI			
	** CONC OF TOG	IN MICROGRAM	S/M**3
**			
V COORD		V COORD (M	CTCDC\
Y-COORD   (METERS)   475108.79 47		X-COORD (M 475168.79 4	
475208.79 475228.79 475248.79		1,3100.,3	, , , , , , , , , , , , , , , , , , , ,
3755333.70   0.10815	) 10050 0 1001 <i>1</i>	a 1aggs	0 11007
0.11179 0.11262 0.11367		0.10993	0.11007
3755313.70   0.10201 (		0.10359	0.10440
0.10517 0.10585 0.10657			
3755293.70   0.09658 ( 0.09930 0.09986 0.10042		0.09795	0.09862
3755273.70   0.09177		0.09290	0.09346
0.09402 0.09456 0.09506		0.03230	0.023.0
3755253.70   0.08730		0.08836	0.08882
0.08933 0.08984 0.09032		0.00425	0.00463
3755233.70   0.08322 0 0.08509 0.08557 0.08603		0.08425	0.08463
3755213.70   0.07948		0.08054	0.08086
0.08126 0.08168 0.08212	0.08253		
3755193.70   0.07612		0.07714	0.07740
0.07772 0.07812 0.07849		0 07205	0 07417
3755173.70   0.07302 ( 0.07448 0.07482 0.07513		0.0/393	0.07417
3755153.70   0.07017		0.07098	0.07117
0.07145 0.07174 0.07201			
↑ *** AERMOD - VERSION 21112 ***	*** 2036 OPERATIONS -	AUTO TOG	
***  *** AERMET - VERSION 16216 ***	04/06/22 ***		
***			

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```
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0005169
                                                                      , L0005170
, L0005171
                           , L0005173
              , L0005172
                            , L0005175
                                          , L0005176
                L0005174
                                                       , L0005177
                                                                      , L0005178
 L0005179
              , L0005180
                           , L0005181
                L0005182
                                          , L0005184
                           , L0005183
                                                        , L0005185
                                                                      , L0005186
             , L0005188
                           , L0005189
 L0005187
                L0005190
                                          , L0005192
                                                        , L0005193
                            , L0005191
                                                                      , L0005194
 L0005195
              , L0005196
                                  *** NETWORK ID: UCART7
                                                          ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475288.79
 3755333.70
                    0.11549
  3755313.70 l
                    0.10797
 3755293.70
                    0.10160
 3755273.70
                    0.09615
 3755253.70
                    0.09132
 3755233.70
                    0.08691
 3755213.70
                    0.08288
 3755193.70
                    0.07914
 3755173.70
                    0.07570
 3755153.70
                    0.07254
 *** AERMOD - VERSION 21112
                                   *** 2036 OPERATIONS - AUTO TOG
                                   04/06/22
*** AERMET - VERSION
                      16216 ***
                                 13:56:54
                                 PAGE 76
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0005169
                                                                      , L0005170
, L0005171
             , L0005172
                           , L0005173
                                          , L0005176 , L0005177 , L0005178
                L0005174
                            , L0005175
, L0005179
             , L0005180
                           , L0005181
```

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L0005182 , L0005183 , L0005184 , L0005185 , L0005186
                      , L0005189
, L0005187
          , L0005188
                      , L0005191 , L0005192 , L0005193 , L0005194
             L0005190
. L0005195
           , L0005196 , . . .
                           *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) | 475151.63 475171.63 475191.63 475211.63 475231.63
475251.63 475271.63 475291.63 475311.63
 3755398.30 | 0.13811 0.13931 0.14037 0.14153
                                                          0.14303
3755378.30 | 0.12789 0.12882 0.12962 0.13064
                                                          0.13212
0.13347 0.13445 0.13498 0.13540
 3755358.30 0.11891 0.11973 0.12038
                                              0.12136
                                                          0.12271
0.12401 0.12509 0.12559 0.12586
 3755338.30
                          0.11173
                                     0.11262 0.11357
               0.11090
                                                          0.11447
0.11563
        0.11678
                     0.11738
                               0.11752
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                   ***
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           13:56:54
                           PAGE 77
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0005169 , L0005170
           , L0005172
, L0005171
                      , L0005173
             L0005174 , L0005175 , L0005176 , L0005177 , L0005178
           , L0005180
                     , L0005181
, L0005179
                      , L0005183 , L0005184 , L0005185 , L0005186
             L0005182
                      , L0005189
, L0005187
           , L0005188
             L0005190 , L0005191 , L0005192 , L0005193 , L0005194
, L0005195 , L0005196
                      , . . .
                            *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
```

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```
Y-COORD
                                                    X-COORD (METERS)
   (METERS)
              475331.63 475351.63 475371.63
 3755398.30
                0.14681 0.14724
                                     0.14763
 3755378.30
                 0.13572
                            0.13605
                                      0.13649
 3755358.30
                 0.12614
                            0.12647
                                       0.12692
 3755338.30
                0.11771
                            0.11810
                                       0.11863
↑ *** AERMOD - VERSION 21112
                         *** *** 2036 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:56:54
                            PAGE 78
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005169 , L0005170
           , L0005172
, L0005171
                       , L0005173
                       , L0005175 , L0005176 , L0005177 , L0005178
              L0005174
, L0005179
           , L0005180 , L0005181
              L0005182
                       , L0005183 , L0005184 , L0005185 , L0005186
, L0005187
          , L0005188        , L0005189
             L0005190
                       , L0005191 , L0005192 , L0005193 , L0005194
, L0005195     , L0005196     ,    .   .
                             *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 0.16960 0.17166 0.17365 0.17558
                                                             0.17721
0.17856 0.17962 0.18048 0.18106
 3755424.04 0.15537 0.15704 0.15859 0.16015
                                                             0.16142
           0.16327 0.16399 0.16448
                                                 0.14727
 3755404.04 0.14324 0.14443 0.14584
                                                             0.14827
           0.14970 0.15018 0.15061
0.14902
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                         04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            13:56:54
```

GRIDCART \*\*\*

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PAGE 79
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                       , L0005170
                                                           L0005169
, L0005171
              , L0005172
                            , L0005173
                 L0005174
                            , L0005175
                                           , L0005176
                                                         , L0005177
                                                                       , L0005178
 L0005179
              , L0005180
                            , L0005181
                            , L0005183
                 L0005182
                                           , L0005184
                                                         , L0005185
                                                                       , L0005186
              , L0005188
                            , L0005189
 L0005187
                            , L0005191
                                           , L0005192
                                                         , L0005193
                                                                       , L0005194
                 L0005190
 L0005195
              , L0005196
                                   *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475365.62
  3755444.04
                     0.18145
  3755424.04
                     0.16490
  3755404.04
                     0.15104
                                   *** 2036 OPERATIONS - AUTO TOG
★ *** AERMOD - VERSION 21112
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                  13:56:54
                                  PAGE 80
                   RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0005169
                                                                       , L0005170
, L0005171
              , L0005172
                            , L0005173
                                           , L0005176
                 L0005174
                            , L0005175
                                                         , L0005177
                                                                       , L0005178
              , L0005180
 L0005179
                            , L0005181
                            , L0005183
                                                         , L0005185
                 L0005182
                                           , L0005184
                                                                       , L0005186
                            , L0005189
 L0005187
              , L0005188
                            , L0005191
                                           , L0005192
                 L0005190
                                                         , L0005193
                                                                       , L0005194
 L0005195
              , L0005196
                            , . . .
                                   *** NETWORK ID: UCART12 ; NETWORK TYPE:
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**	CONC	ΩF	TOG	TN	MTCRO	OGRAMS	:/M**3

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Y-COORD   (METERS)   475330.47 4753	475230.47 350.47	475250.47	475270.47	X-COORD ( 475290.47	
3755490.18   0.23616 0.2	0.22371 23710	0.22718	0.23013	0.23269	0.23485
	0.19902	0.20155	0.20381	0.20567	0.20723
3755450.18	0.17941	0.18142	0.18311	0.18450	0.18557
0.18643 0.3  ↑ *** AERMOD - V  *** AERMET - VEI	ERSION 21112 **	04/06/2		AUTO TOG	
*** MODELOPTs:	RegDFAULT CO	PAGE 81 NC ELEV U	RBAN ADJ_U*		
VALUES FOR SOURCE		* THE PERIO	D ( 43824 HRS)	AVERAGE CONCE	ENTRATION
			SOURCE(S):	L0005169	, L0005170
, L0005171 , I	L0005172 , L0 L0005174 , L0	0005175	, L0005176	, L0005177	, L0005178
, L0005179 , I	L0005180 , L0 L0005182 , L	005181 ,	10005194	, L0005185	, L0005186
	L0005188 , L0	005189,			
	L0005190 , L L0005196 , .	0005191		, L0005193	, L0005194
GRIDCART ***	·	•	ORK ID: UCART1	3 ; NETWORK	TYPE:
	**	** (	CONC OF TOG	IN MICROGRA	AMS/M**3
Y-COORD   (METERS)   	475254.84 	475274 <b>.</b> 84  	475294.84  	X-COORD ( 475314.84 	(METERS) 475334.84 
3755513.80   3755493.80   ↑ *** AERMOD - V	0.26986 0.23348 ERSION 21112 **	0.27422 0.23649 * *** 203 04/06/2	6 OPERATIONS -	0.24111	0.28218 0.24239

```
13:56:54
                                  PAGE 82
                  RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0005169
                                                                       , L0005170
, L0005171
              , L0005172
                            , L0005173
                            , L0005175
                 L0005174
                                           , L0005176
                                                         , L0005177
                                                                       L0005178
              , L0005180
 L0005179
                            , L0005181
                            , L0005183
                                           , L0005184
                                                        , L0005185
                                                                       , L0005186
                L0005182
                            , L0005189
              , L0005188
 L0005187
                 L0005190
                            , L0005191
                                           , L0005192
                                                         , L0005193
                                                                       , L0005194
, L0005195
              , L0005196
                                   *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                  475293.48
                                475313.48
                                             475333.48
                                                          475353.48
                                                                       475373.48
  3755332.63 l
                    0.11516
                                  0.11533
                                               0.11555
                                                            0.11600
                                                                         0.11651
  3755312.63
                    0.10772
                                  0.10809
                                               0.10852
                                                            0.10901
                                                                         0.10953
  3755292.63
                     0.10141
                                  0.10189
                                               0.10239
                                                            0.10286
                                                                         0.10326
                                               0.09695
  3755272.63
                     0.09601
                                  0.09651
                                                            0.09737
                                                                         0.09767
  3755252.63
                    0.09120
                                  0.09161
                                               0.09201
                                                                         0.09258
                                                            0.09233
  3755232.63 l
                     0.08679
                                  0.08717
                                               0.08747
                                                            0.08774
                                                                         0.08794
  3755212.63
                                  0.08306
                                               0.08331
                                                                         0.08374
                    0.08275
                                                            0.08353
↑ *** AERMOD - VERSION 21112
                                  *** 2036 OPERATIONS - AUTO TOG
                                   04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                                  13:56:54
                                  PAGE 83
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                          L0005169
                                                                       , L0005170
, L0005171
              , L0005172
                            , L0005173
                            , L0005175
                                           , L0005176
                                                        , L0005177
                 L0005174
                                                                       , L0005178
, L0005179
              , L0005180
                            , L0005181
                            , L0005183
                                         , L0005184
                 L0005182
                                                        , L0005185
                                                                       , L0005186
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\*\*\* AERMET - VERSION 16216 \*\*\*

```
, L0005187 , L0005188 , L0005189
                                    , L0005192 , L0005193 , L0005194
              L0005190
                        , L0005191
 L0005195
            , L0005196
                              *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG
                                                   IN MICROGRAMS/M**3
                **
 Y-COORD
                                                     X-COORD (METERS)
 (METERS) | 474691.04
                                   474706.04
                                                         474721.04
     474736.04
                         474751.04
             3755633.6
                                                       0.80818 (11091107)
    0.83946 (11091107)
                        0.87309 (11091107)
3755618.6
               0.62858 (11091107)
                                   0.65102 (11091107)  0.67421 (11091107)
    0.69832 (11091107)
                        0.72366 (11091107)
                                    0.55517 (11091107) 0.57317 (11091107)
               0.53770 (11091107)
    0.59206 (11091107)
                        0.61189 (11091107)
               0.48250 (16062006)
                                    0.49188 (16062006) 0.50088 (16062006)
    0.51048 (16062006)
                        0.52541 (11091107)
               0.44450 (16062006)
                                    0.45238 (16062006) 0.46012 (16062006)
3755573.6
    ★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                     ***
                              04/06/22
                             ***
*** AERMET - VERSION
                   16216 ***
                             13:56:54
                             PAGE 84
                RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                                                             , L0005170
                             INCLUDING SOURCE(S): L0005169
            , L0005172
                        , L0005173
, L0005171
                        , L0005175
                                     , L0005176 , L0005177
              L0005174
                                                            , L0005178
            , L0005180
                       , L0005181
L0005179
                        , L0005183
                                                , L0005185
              L0005182
                                   , L0005184
                                                            , L0005186
            , L0005188
L0005187
                        , L0005189
                       , L0005191
                                   , L0005192     , L0005193
              L0005190
                                                             , L0005194
, L0005195
            , L0005196
                              *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF TOG IN MICROGRAMS/M**3
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```
Y-COORD
                                                         X-COORD (METERS)
                                                              474796.04
               474766.04
                                      474781.04
  (METERS)
              0.90956 (11091107) 0.94833 (11091107)
                                                           0.98454 (11091107)
3755633.6 l
                                     0.78061 (11091107)
0.65493 (11091107)
                0.75177 (11091107)
0.63320 (11091107)
                                                           0.80272 (11091107)
3755618.6
                                                           0.67153 (11091107)
3755603.6

    0.54198 (11091107)
    0.55892 (11091107)

    0.48525 (16062006)
    0.49319 (16062006)

                                                           0.57276 (11091107)
3755588.6
3755573.6
                                                             0.49594 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                               04/06/22
                       ***
*** AERMET - VERSION 16216 ***
                               13:56:54
                               PAGE 85
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0005169
                                                                 . L0005170
                          , L0005173
             , L0005172
, L0005171
                                       , L0005176 , L0005177
                        , L0005175
               L0005174
                                                                 , L0005178
            , L0005180
, L0005179
                         , L0005181
                         , L0005183
                                      , L0005184     , L0005185
               L0005182
                                                                , L0005186
 L0005187
             , L0005188
                         , L0005189
                                      , L0005192 , L0005193
                         , L0005191
               L0005190
                                                                 , L0005194
 L0005195
            , L0005196
                                *** NETWORK ID: UCART2 : NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                         X-COORD (METERS)
  (METERS) |
                 474790.51
                                       474805.51
                                                              474820.51
     474835.51
                          474850.51
3755606.1 |
                0.74171 (11091107)
                          0.76813 (11091107)
                0.58231 (11091107) 0.59531 (11091107)
3755591.1
                                                           0.61152 (11091107)
                          0.64965 (11091107)
    0.62928 (11091107)
                                     0.51376 (11091107) 0.52756 (11091107)
                0.50274 (11091107)
3755576.1
                          0.55840 (11091107)
    0.54195 (11091107)
                0.46085 (16062006) 0.46291 (16062006) 0.46946 (16062006)
3755561.1
    0.47647 (16062006) 0.48604 (11091107)
```

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↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                  04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 13:56:54
                                 PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0005169
                                                                     , L0005170
, L0005171
             , L0005172
                          , L0005173
                           , L0005175
                                         , L0005176 , L0005177
                L0005174
                                                                     , L0005178
                          , L0005181
             , L0005180
 L0005179
                          , L0005183
                                                      , L0005185
                L0005182
                                         , L0005184
                                                                     , L0005186
             , L0005188
, L0005187
                          , L0005189
                           , L0005191
                L0005190
                                         , L0005192
                                                      , L0005193
                                                                     , L0005194
, L0005195
             , L0005196
                                  *** NETWORK ID: UCART2
                                                          ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG
                                                          IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS)
                  474865.51
                                         474880.51
                                                                 474895.51
                 0.79689 (11091107)
                                     0.82744 (11091107)
                                                                0.86095 (11091107)
3755606.1 |
                 0.67102 (11091107)
                                        0.69346 (11091107)
                                                                0.71573 (11091107)
3755591.1
                 0.57527 (11091107)
                                        0.59250 (11091107)
                                                                0.60868 (11091107)
3755576.1
                                     0.51353 (11091107)
3755561.1
                 0.49964 (11091107)
                                                                0.52738 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                        ***
                                  04/06/22
                      16216 ***
*** AERMET - VERSION
                                 13:56:54
                                 PAGE 87
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0005169
                                                                     , L0005170
, L0005171
                           , L0005173
             , L0005172
                          , L0005175
                                                      , L0005177
                L0005174
                                         , L0005176
                                                                     , L0005178
 L0005179
             , L0005180
                          , L0005181
                                                      , L0005185
                L0005182
                           , L0005183
                                                                     , L0005186
                                         , L0005184
             , L0005188
                          , L0005189
, L0005187
```

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L0005190 , L0005191 , L0005192 , L0005193 , L0005194
, L0005195 , L0005196
                                 *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
 (METERS) 474800.90
                                474815.90

      3755623.3 |
      0.86153 (11091107)
      0.88986 (11091107)

      3755608.3 |
      0.71389 (11091107)
      0.73289 (11091107)

↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG *** 04/06/22
 *** AERMET - VERSION 16216 *** ***
                      ***
                                13:56:54
                                PAGE 88
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0005169 , L0005170
, L0005171
             , L0005172 , L0005173 , L0005174 , L0005175 , L0005176 , L0005177 , L0005178
, L0005179 , L0005180 , L0005181
                          , L0005183 , L0005184 , L0005185 , L0005186
               L0005182
                          , L0005189
, L0005187 , L0005188
                L0005190 , L0005191 , L0005192 , L0005193 , L0005194
, L0005195 , L0005196
                                 *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS) | 474820.81
                                474835.81
3755622.5 | 0.88984 (11091107) 0.92344 (11091107)
3755607.5 | 0.73246 (11091107) 0.75477 (11091107)
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*** AERMET - VERSION 16216 *** ***
                                13:56:54
                                PAGE 89
                 RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                     L0005169 , L0005170
                         , L0005173
             , L0005172
, L0005171
                         , L0005175
                                        , L0005176 , L0005177 , L0005178
               L0005174
 L0005179
            , L0005180
                         , L0005181
                         , L0005183 , L0005184 , L0005185 , L0005186
               L0005182
             , L0005188
                          , L0005189
 L0005187
                         , L0005191
                                      , L0005192 , L0005193 , L0005194
                L0005190
. L0005195
             , L0005196
                                 *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG
                                                       IN MICROGRAMS/M**3
                                                          X-COORD (METERS)
 Y-COORD
  (METERS)
                474838.93
                                        474853.93
                0.83832 (11091107)0.87057 (11091107)0.70116 (11091107)0.72531 (11091107)
 3755615.4
 3755600.4
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                04/06/22
 *** AERMET - VERSION 16216 *** ***
                     ***
                                13:56:54
                                PAGE 90
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0005169 , L0005170
, L0005171
             , L0005172
                          , L0005173
                         , L0005175
                                      , L0005176     , L0005177
                L0005174
                                                                 , L0005178
, L0005179
             , L0005180
                          , L0005181
                                      , L0005184       , L0005185
                          , L0005183
               L0005182
                                                                 , L0005186
             , L0005188
                          , L0005189
, L0005187
                         , L0005191
               L0005190
                                      , L0005192     , L0005193
                                                                   , L0005194
, L0005195
             , L0005196
```

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE:

```
** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                X-COORD (METERS)
 (METERS) | 474857.73 474872.73
3755611.5 | 0.83487 (11091107) 0.86889 (11091107)
3755596.5 | 0.70022 (11091107) 0.72494 (11091107)
\spadesuit *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                         04/06/22
*** AERMET - VERSION 16216 *** ***
                        13:56:54
                          PAGE 91
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                       *** THE
                               1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                          ***
                          INCLUDING SOURCE(S): L0005169 , L0005170
          , L0005172 , L0005173
, L0005171
            L0005174 , L0005175 , L0005176 , L0005177 , L0005178
, L0005179 , L0005180 , L0005181
            L0005182 , L0005183 , L0005184 , L0005185 , L0005186
, L0005187 , L0005188
                     , L0005189
                    , L0005191 , L0005192 , L0005193 , L0005194
            L0005190
, L0005195        , L0005196
                           *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                X-COORD (METERS)
 (METERS)
              475108.79
                                 475128.79
                                                    475148.79
    475168.79
                      475188.79
3755333.7 | 0.23973 (16062006) 0.24095 (16062006) 0.24231 (16062006)
   0.24395 (16062006) 0.24570 (16062006)
3755313.7
              0.22993 (16062006) 0.23146 (16062006)
              3755293.7
   3755273.7 | 0.20340 (16062006) 0.20425 (16062006) 0.20515 (16062006)
```

```
0.19430 (16062006) 0.19514 (16062006)
              0.19347 (16062006)
3755253.7
                       0.19693 (16062006)
    0.19600 (16062006)
3755233.7
              0.18440 (16062006)
                                  0.18520 (16062006)
                                                     0.18599 (16062006)
                       0.18755 (16062006)
    0.18676 (16062006)
3755213.7
              0.17607 (16062006)
                                  0.17685 (16062006) 0.17762 (16062006)
                       0.17902 (16062006)
    0.17835 (16062006)
3755193.7
              0.16997 (16062006)
                       0.17120 (16062006)
    0.17063 (16062006)
3755173.7
              0.16148 (16062006)
                                  0.16343 (16062006)
                       0.16392 (16062006)
3755153.7
              0.15501 (16062006)
                                 0.15559 (16062006) 0.15619 (16062006)
    *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 ***
                            13:56:54
                            PAGE 92
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                        *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005169
                                                          , L0005170
                      , L0005173
, L0005171
           , L0005172
                      , L0005175
                                   , L0005176 , L0005177 , L0005178
             L0005174
 L0005179
           , L0005180
                      , L0005181
                      , L0005183     , L0005184     , L0005185
                                                         , L0005186
             L0005182
           , L0005188
                      , L0005189
 L0005187
                                   , L0005192 , L0005193
                       , L0005191
             L0005190
                                                         , L0005194
, L0005195
           , L0005196
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                   X-COORD (METERS)
             475208.79
 (METERS)
                                  475228.79
                                                       475248.79
    475268.79
                        475288.79
3755333.7 | 0.24741 (16062006) 0.24895 (16062006)
                                                     0.25072 (16062006)
    0.25258 (16062006)
                       0.25371 (16062006)
                                 0.23419 (16062006) 0.23548 (16062006)
              0.23290 (16062006)
3755313.7
    0.23682 (16062006)
                       0.23789 (16062006)
              0.21997 (16062006) 0.22105 (16062006) 0.22210 (16062006)
3755293.7
    0.22315 (16062006)
                     0.22415 (16062006)
```

0.20617 (16062006) 0.20726 (16062006)

```
3755273.7 | 0.20834 (16062006) 0.20934 (16062006) 0.21026 (16062006)
    0.21119 (16062006)
                         0.21212 (16062006)
               0.19788 (16062006)
                                                         0.19967 (16062006)
3755253.7
                                     0.19881 (16062006)
    0.20054 (16062006)
                         0.20136 (16062006)
                                                      0.19007 (16062006)
3755233.7
               0.18840 (16062006)
                                     0.18926 (16062006)
    0.19084 (16062006)
                         0.19153 (16062006)
                                                          0.18127 (16062006)
               0.17978 (16062006)
                                     0.18052 (16062006)
                         0.18255 (16062006)
    0.18196 (16062006)
3755193.7
                0.17182 (16062006)
                                     0.17252 (16062006)
                                                          0.17316 (16062006)
                         0.17426 (16062006)
    0.17375 (16062006)
3755173.7
               0.16451 (16062006)
                                     0.16511 (16062006)
                                                          0.16566 (16062006)
    0.16616 (16062006)
                         0.16662 (16062006)
               0.15770 (16062006) 0.15822 (16062006) 0.15869 (16062006)
3755153.7
                         0.15958 (16062006)
    0.15915 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                              13:56:54
                              PAGE 93
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S):
                                                   L0005169
                                                               , L0005170
, L0005171
            , L0005172
                        , L0005173
                                      , L0005176 , L0005177
               L0005174
                        , L0005175
                                                               , L0005178
                        , L0005181
 L0005179
            , L0005180
                        , L0005183
               L0005182
                                      , L0005184 , L0005185
                                                               , L0005186
            , L0005188
                        , L0005189
 L0005187
                         , L0005191
               L0005190
                                     , L0005192
                                                 , L0005193
                                                               , L0005194
 L0005195
            , L0005196
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG
                                                    IN MICROGRAMS/M**3
 Y-COORD |
                                                       X-COORD (METERS)
  (METERS)
                475151.63
                                      475171.63
                                                           475191.63
     475211.63
               3755398.3
                         0.31359 (16062006)
    0.31092 (16062006)
3755378.3
                0.28206 (16062006)
                                     0.28410 (16062006) 0.28593 (16062006)
                         0.29048 (16062006)
    0.28797 (16062006)
3755358.3
               0.26304 (16062006)
                                  0.26481 (16062006)
                                                          0.26632 (16062006)
```

```
0.26819 (16062006) 0.27047 (16062006)
                                     0.24778 (16062006) 0.24950 (16062006)
3755338.3
                0.24609 (16062006)
                       0.25288 (16062006)
    0.25125 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION
                    16216 ***
                               ***
                    ***
                              13:56:54
                              PAGE 94
                 RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                                                               , L0005170
                              INCLUDING SOURCE(S): L0005169
            , L0005172
                        , L0005173
, L0005171
                                      , L0005176 , L0005177 , L0005178
                         , L0005175
              L0005174
, L0005179
            , L0005180
                        , L0005181
                        , L0005183
                                    , L0005184      , L0005185
               L0005182
                                                              , L0005186
            , L0005188
                        , L0005189
 L0005187
                                     , L0005192 , L0005193 , L0005194
                        , L0005191
               L0005190
, L0005195
            , L0005196
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG IN MICROGRAMS/M**3
                 **
 Y-COORD |
                                                       X-COORD (METERS)
 (METERS) | 475251.63
                                     475271.63
                                                            475291.63
     475311.63
                          475331.63
               3755398.3
                                                         0.31902 (16062006)
                         0.32132 (16062006)
    0.32025 (16062006)
                                     0.29454 (16062006) 0.29572 (16062006)
                0.29277 (16062006)
    0.29671 (16062006)
                         0.29750 (16062006)
3755358.3
                0.27260 (16062006)
                                     0.27441 (16062006) 0.27546 (16062006)
    0.27620 (16062006)
                         0.27688 (16062006)
3755338.3
                0.25479 (16062006) 0.25661 (16062006) 0.25771 (16062006)
                         0.25877 (16062006)
    0.25823 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                              13:56:54
                              PAGE 95
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
```

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*** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                        L0005169
                                                                     , L0005170
, L0005171
             , L0005172
                           , L0005173
                           , L0005175
                                         , L0005176
                                                      , L0005177
                L0005174
                                                                     , L0005178
 L0005179
             , L0005180
                           , L0005181
                                         , L0005184
                                                       , L0005185
                           , L0005183
                                                                     , L0005186
                L0005182
             , L0005188
                           , L0005189
 L0005187
                           , L0005191
                                         , L0005192
                L0005190
                                                      , L0005193
                                                                     , L0005194
 L0005195
             , L0005196
                                  *** NETWORK ID: UCART8
                                                        ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                          IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS)
                                         475371.63
                  475351.63
 3755398.3
                 0.32225 (16062006)
                                      0.32304 (16062006)
                 0.29824 (16062006)
                                       0.29906 (16062006)
 3755378.3
                 0.27758 (16062006)
                                        0.27836 (16062006)
 3755358.3
                 0.25949 (16062006)
                                       0.26033 (16062006)
 3755338.3
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                  04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 ***
                                 13:56:54
                                 PAGE 96
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                  ***
VALUES FOR SOURCE GROUP: ALL
                                                                     , L0005170
                                 INCLUDING SOURCE(S):
                                                        L0005169
                           , L0005173
, L0005171
             , L0005172
                L0005174
                                          , L0005176
                                                      , L0005177
                           , L0005175
                                                                     , L0005178
             , L0005180
 L0005179
                          , L0005181
                           , L0005183
                                         , L0005184
                                                      , L0005185
                L0005182
                                                                     , L0005186
             , L0005188
 L0005187
                           , L0005189
                           , L0005191
                                        , L0005192
                                                       , L0005193
                                                                     , L0005194
                L0005190
, L0005195
             , L0005196
                                  *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

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```
Y-COORD
                                        X-COORD (METERS)
 (METERS) 475185.62
                          475205.62
                                           475225.62
           475265.62
   475245.62
3755444.0 | 0.37189 (16062006) 0.37590 (16062006) 0.37973 (16062006)
   3755424.0
   3755404.0
   *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                     04/06/22
*** AERMET - VERSION 16216 *** ***
                      13:56:54
                      PAGE 97
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                   *** THE
                          1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                      INCLUDING SOURCE(S): L0005169 , L0005170
         , L0005172 , L0005173
, L0005171
                  , L0005175
                           , L0005176 , L0005177 , L0005178
          L0005174
         , L0005180 , L0005181
, L0005179
          L0005182 , L0005183 , L0005184 , L0005185 , L0005186
                 , L0005189
L0005187 , L0005188
                  , L0005191
                          , L0005192 , L0005193 , L0005194
          L0005190
, L0005195 , L0005196
                      *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                          ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                        X-COORD (METERS)
                   475305.62
 (METERS) | 475285.62
                                           475325.62
   475345.62
                   475365.62
3755444.0 | 0.38911 (16062006) 0.39127 (16062006)
                                          0.39306 (16062006)
   0.39438 (16062006) 0.39777 (11091107)
           0.35476 (16062006) 0.35646 (16062006) 0.35796 (16062006)
3755424.0
                  0.36001 (16062006)
   0.35908 (16062006)
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★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                              04/06/22
 *** AERMET - VERSION 16216 ***
                            13:56:54
                            PAGE 98
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005169
                                                           , L0005170
                      , L0005173
, L0005171
           , L0005172
              L0005174 , L0005175
                                    , L0005176 , L0005177 , L0005178
           , L0005180 , L0005181 , L0005182 , L0005183 , L0005184 , L0005185 , L0005186
L0005179
, L0005187
           , L0005188        , L0005189
                       , L0005191 , L0005192 , L0005193 , L0005194
              L0005190
, L0005195
           , L0005196
                             *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                    X-COORD (METERS)
 (METERS) | 475230.47
                                  475250.47
                                                        475270.47
     475290.47
                         475310.47
3755490.2 | 0.50815 (11091107) 0.52314 (11091107) 0.53729 (11091107)
    0.55008 (11091107)
                        0.56105 (11091107)
               3755470.2
    0.45875 (11091107)
                        0.46824 (11091107)
              3755450.2
                        0.40389 (16062006)
    0.40169 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                            13:56:54
                   ***
                            PAGE 99
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005169 , L0005170
                       , L0005173
, L0005171
           , L0005172
                       , L0005175 , L0005176 , L0005177 , L0005178
              L0005174
```

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, L0005179 , L0005180 , L0005181
                                         , L0005184 , L0005185 , L0005186
                L0005182
                           , L0005183
, L0005187
             , L0005188
                          , L0005189
                                       , L0005192 , L0005193 , L0005194
                L0005190 , L0005191
, L0005195
             , L0005196
                                  *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                                        475350.47
                 0.57016 (11091107) 0.57718 (11091107)
3755490.2

      0.47660 (11091107)
      0.48362 (11091107)

      0.40569 (16062006)
      0.41210 (11091107)

3755470.2
3755450.2
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                 13:56:54
                                 PAGE 100
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0005169
                                                                     , L0005170
, L0005171
             , L0005172
                          , L0005173
                          , L0005175
                L0005174
                                        , L0005176 , L0005177 , L0005178
, L0005179
             , L0005180 , L0005181
                                                      , L0005185
                           , L0005183        , L0005184
                                                                    , L0005186
                L0005182
                          , L0005189
, L0005187
             , L0005188
               L0005190 , L0005191 , L0005192 , L0005193
                                                                     , L0005194
, L0005195
            , L0005196
                                  *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
                                         475274.84
                                                                 475294.84
  (METERS)
                  475254.84
     475314.84
                             475334.84
```

```
3755513.8 | 0.67187 (11091107) 0.69046 (11091107) 0.70590 (11091107)
                       0.72695 (11091107)
    0.71803 (11091107)
3755493.8
              0.54507 (11091107)
                                  0.55957 (11091107) 0.57240 (11091107)
    ♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 ***
                           ***
                            13:56:54
                            PAGE 101
 *** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                        *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            ***
                            INCLUDING SOURCE(S): L0005169
                                                          , L0005170
, L0005171
           , L0005172
                      , L0005173
                                   , L0005176 , L0005177
             L0005174
                      , L0005175
                                                          , L0005178
           , L0005180
 L0005179
                      , L0005181
                                 , L0005184        , L0005185
                                                         , L0005186
             L0005182
                      , L0005183
           , L0005188
L0005187
                      , L0005189
                      , L0005191 , L0005192 , L0005193 , L0005194
             L0005190
, L0005195
           , L0005196
                            *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                   X-COORD (METERS)
              475293.48
                                  475313.48
                                                       475333.48
 (METERS) |
    475353.48
                        475373.48
3755332.6 | 0.25301 (16062006) 0.25355 (16062006) 0.25410 (16062006)
    0.25488 (16062006) 0.25568 (16062006)
3755312.6
              0.23731 (16062006)
                                  0.23804 (16062006) 0.23880 (16062006)
    0.23959 (16062006)
                     0.24038 (16062006)
3755292.6
              0.22368 (16062006)
                                  0.22450 (16062006)
                                                     0.22530 (16062006)
                       0.22666 (16062006)
    0.22604 (16062006)
3755272.6
              0.21173 (16062006)
                                  0.21254 (16062006) 0.21325 (16062006)
    0.21390 (16062006)
                       0.21438 (16062006)
3755252.6
              0.20100 (16062006)
                                  0.20168 (16062006)
                                                     0.20231 (16062006)
                       0.20323 (16062006)
    0.20282 (16062006)
                                 0.19181 (16062006) 0.19231 (16062006)
              0.19121 (16062006)
3755232.6
                       0.19307 (16062006)
    0.19274 (16062006)
              3755212.6
```

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* 13:56:54 PAGE 102 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF TOG IN MICROGRAMS/M\*\*3 \*\* NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID 0.36572 AT ( 474796.04, 3755633.62, 496.60, ALL 1ST HIGHEST VALUE IS 0.00) GC UCART1 789.90, 2ND HIGHEST VALUE IS 0.35599 AT ( 474781.04, 3755633.62, 497.00, 0.00) GC UCART1 789.90, 3RD HIGHEST VALUE IS 0.34696 AT ( 474835.81, 3755622.54, 494.80, 789.90, 0.00) GC UCART4 4TH HIGHEST VALUE IS 0.34520 AT ( 474766.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 0.33754 AT ( 474815.90, 3755623.35, 495.20, 5TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3 6TH HIGHEST VALUE IS 0.33739 AT ( 474820.81, 3755622.54, 495.00, 789.90, 0.00) GC UCART4 7TH HIGHEST VALUE IS 0.33510 AT ( 474751.04, 3755633.62, 497.00, 789.90, 0.00) GC UCART1 8TH HIGHEST VALUE IS 0.33104 AT ( 474853.93, 3755615.41, 493.60, 0.00) GC UCART5 789.90, 9TH HIGHEST VALUE IS 0.33053 AT ( 474872.73, 3755611.53, 493.50, 0.00) GC UCART6 789.90, 10TH HIGHEST VALUE IS 0.33009 AT ( 474800.90, 3755623.35, 495.80, 789.90, 0.00) GC UCART3 \*\*\* RECEPTOR TYPES: GC = GRIDCART GP = GRIDPOLR DC = DISCCART

★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - AUTO TOG \*\*\* 04/06/22

DP = DISCPOLR

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*** AERMET - VERSION 16216 *** ***
                    ***
                             13:56:54
                             PAGE 103
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                          *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
             **
                                               DATE
                                   NETWORK
GROUP ID
                                                        RECEPTOR
                            AVERAGE CONC
                                            (YYMMDDHH)
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
HIGH 1ST HIGH VALUE IS 0.98454 ON 11091107: AT ( 474796.04,
          496.60, 789.90, 0.00) GC UCART1
3755633.62,
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                             13:56:54
                             PAGE 104
*** 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
                   4 Warning Message(s)
          2028 Informational Message(s)
A Total of
A Total of
               43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of
            1050 Missing Hours Identified ( 2.40 Percent)
```

## \*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\* \*\*\* NONE \*\*\*

****	**** WARNING	MESSAGES	*****			
ME W186 0.50	1163 ð	MEOPEN: T	HRESH_1MIN	1-min ASOS	wind speed th	nreshold used
ME W187	1163	MEOPEN: A	.DJ_U* Opti	on for Stab	le Low Winds ι	used in AERMET
MX W450 1401010:	17521 l	CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:
MX W450 2 year ga		CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:

\*\*\*\*\*\*\*\*\*\*\* \*\*\* AERMOD Finishes Successfully \*\*\*
\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall 2042\MVMall 2042.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2042 Operations - Auto TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMall 2042.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 SR60 EB
** PREFIX
** Length of Side = 11.50
** Configuration = Adjacent
** Emission Rate = 0.011
** Vertical Dimension = 1.19
** SZINIT = 0.55
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 0.59, 5.35
** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
** 475301.985, 3755606.087, 502.95, 0.59, 5.35
```

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*						
	LOCATION	L0005698	VOLUME	473526.429	3755957.197	486.17
	LOCATION	L0005699	VOLUME	473537.692	3755954.877	486.57
	LOCATION	L0005700	VOLUME	473548.956	3755952.556	486.91
	LOCATION	L0005701	VOLUME	473560.219	3755950.236	487.27
	LOCATION	L0005702	VOLUME	473571.483	3755947.916	487.65
	LOCATION	L0005703	VOLUME	473582.746	3755945.595	488.07
	LOCATION	L0005704	VOLUME	473594.010	3755943.275	488.51
	LOCATION	L0005705	VOLUME	473605.273	3755940.955	488.97
	LOCATION	L0005706	VOLUME	473616.537	3755938.634	489.45
	LOCATION	L0005707	VOLUME	473627.800	3755936.314	489.92
	LOCATION	L0005708	VOLUME	473639.064	3755933.994	490.35
	LOCATION	L0005709	VOLUME	473650.327	3755931.673	490.78
	LOCATION	L0005710	VOLUME	473661.591	3755929.353	491.22
	LOCATION	L0005711	VOLUME	473672.854	3755927.033	491.65
	LOCATION	L0005712	VOLUME	473684.118	3755924.712	492.05
	LOCATION	L0005713	VOLUME	473695.381	3755922.392	492.35
	LOCATION	L0005714	VOLUME	473706.644	3755920.072	492.66
	LOCATION	L0005715	VOLUME	473717.908	3755917.751	492.99
	LOCATION	L0005716	VOLUME	473729.171	3755915.431	493.34
	LOCATION	L0005717	VOLUME	473740.435	3755913.110	493.69
	LOCATION	L0005718	VOLUME	473751.698	3755910.790	494.07
	LOCATION	L0005719	VOLUME	473762.962	3755908.470	494.43
	LOCATION	L0005720	VOLUME	473774.225	3755906.149	494.81
	LOCATION	L0005721	VOLUME	473785.489	3755903.829	495.19
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	LOCATION	L0005723	VOLUME	473808.016	3755899.188	495.90
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	LOCATION	L0005726	VOLUME	473841.806	3755892.227	496.69
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.011
** Vertical Dimension = 1.19
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- \*\* End of LINE VOLUME Source ID = SLINE2
- \*\* Source Parameters \*\*
- \*\* LINE VOLUME Source ID = SLINE1

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	SRCPARAM SRCPARAM		0.0000415094 0.0000415094	0.59	5.35	0.55
	SRCPARAM		0.0000415094	0.59 0.59	5.35 5.35	0.55 0.55
	SRCPARAM		0.0000415094	0.59	5.35	0.55
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	JICI ANAM	L000J/44	0.0000413034	0.55	ر د . د	0.55

SRCPARAM	L0005745	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005746	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005747	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005749	0.0000415094	0.59	5.35	0.55
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	L0005814	0.0000415094	0.59	5.35	0.55
	L0005815	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005836	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005842	0.0000415094	0.59	5.35	0.55
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*	LINE VOLU	ME Source ID	= SLINE2			
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SRCPARAM	L0006000	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006001	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006002	0.0000416667	0.59	5.35	0.55
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	L0006010	0.0000416667	0.59	5.35	0.55
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	L0006012	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006013	0.0000416667	0.59	5.35	0.55
	L0006014	0.0000416667	0.59	5.35	0.55
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	L0006018	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006022	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006023	0.0000416667	0.59	5.35	0.55
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	L0006028	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006030	0.0000416667	0.59	5.35	0.55
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	L0006041	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006052	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006053	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006070	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006071	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006072	0.0000416667	0.59	5.35	0.55
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	L0006089	0.0000416667	0.59	5.35	0.55
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	L0006091	0.0000416667	0.59	5.35	0.55
	L0006092	0.0000416667	0.59	5.35	0.55

SRCPARAM	L0006093	0.0000416667	0.59	5.35	0.55
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	L0006112	0.0000416667	0.59	5.35	0.55
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	L0006119	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006146	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006147	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006149	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006150	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006151	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006152	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006157	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006158	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006159	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006160	0.0000416667	0.59	5.35	0.55
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	L0006162	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006163	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006164	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006181	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006183	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006184	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006185	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006186	0.0000416667	0.59	5.35	0.55
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SRCPARAM	L0006199	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006200	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006201	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006202	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006203	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006204	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006205	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006206	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006207	0.0000416667	0.59	5.35	0.55
SRCPARAM	L0006208	0.0000416667	0.59	5.35	0.55
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	L0006211	0.0000416667	0.59	5.35	0.55
	L0006212	0.0000416667	0.59	5.35	0.55
	L0006213	0.0000416667	0.59	5.35	0.55
	L0006214	0.0000416667	0.59	5.35	0.55
	L0006215	0.0000416667	0.59	5.35	0.55
	L0006216	0.0000416667	0.59	5.35	0.55
	L0006217	0.0000416667	0.59	5.35	0.55
	L0006218	0.0000416667	0.59	5.35	0.55
	L0006219	0.0000416667	0.59	5.35	0.55
	L0006220	0.0000416667	0.59	5.35	0.55
	L0006221	0.0000416667	0.59	5.35	0.55
	L0006222	0.0000416667	0.59	5.35	0.55
	L0006223	0.0000416667	0.59	5.35	0.55
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	L0006225	0.0000416667	0.59	5.35	0.55
	L0006225	0.0000416667	0.59	5.35	0.55
4.4.					
URBANSRC					
SRCGROUP					
SO FINISHED	ALL				
**					
*******	********	******			
	eceptor Pathw				
	-	ay *******			
**					
**					
RE STARTING					
	M\/Mall 2042	nou			
	MVMall_2042.	rou			
RE FINISHED **					
	******	******			

\*\* AERMOD Meteorology Pathway

```
************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\MVMall_2042\PERI_V9_ADJU\
  SURFFILE PERI_V9_ADJU\PERI_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\MVMall 2042\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
************
** AERMOD Output Pathway
************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\MVMall_2042\MVMALL_2042.AD\01H1GALL.PLT"
31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall_2042\MVMALL_2042.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall 2042\MVMall 2042.sum"
OU FINISHED
**
************
** Project Parameters
************
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
          World Geodetic System 1984
** DATUM
** DTMRGN Global Definition
** UNITS
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
************
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL 2042\MVMALL 2042.ADI
**************
**
**
***********
** AERMOD CONTROL PATHWAY
************
**
CO STARTING
  TITLEONE 2042 OPERATIONS - AUTO TOG
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL MVMALL 2042.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 SR60 EB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.011
** VERTICAL DIMENSION = 1.19
** SZINIT = 0.55
** NODES = 5
** 473520.797, 3755958.357, 485.99, 0.59, 5.35
** 474738.505, 3755707.502, 504.13, 0.59, 5.35
** 475207.207, 3755613.920, 503.48, 0.59, 5.35
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\*\* 475301.985, 3755606.087, 502.95, 0.59, 5.35

\*\* 476529.628, 3755625.490, 502.55, 0.59, 5.35

LOCATION L0005743

LOCATION L0005744

VOLUME

VOLUME

474033.285 3755852.781 501.36

474044.549 3755850.461 501.54

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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** LENGTH OF SIDE = 11.50
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.011
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LOCATION L0006226 VOLUME 473527.865 3755981.761 486.08

- \*\* END OF LINE VOLUME SOURCE ID = SLINE2
- \*\* SOURCE PARAMETERS \*\*

** LINE VOLUME SOURCE II	= SLINE1
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**	LINE VOLU	JME SOURCE	ID =	SLINE1			
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	SRCPARAM	L0005700	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005701	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005702	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005703	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005704	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005705	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005706	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005707	0	.0000415094	0.5	9 5.3	
	SRCPARAM	L0005708	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005709	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005710	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005711	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005712	0	.0000415094	0.5	9 5.3	
	SRCPARAM	L0005713	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005714	0	.0000415094	0.5	9 5.3	
	SRCPARAM	L0005715	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005716	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005717	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005718	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005719	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005720	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005721	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005722	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005723	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005724	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005725	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005726	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005727	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005728	0	.0000415094	0.5	9 5.3	5 0.55
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	SRCPARAM	L0005730	0	.0000415094	0.5	9 5.3	5 0.55
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	SRCPARAM	L0005732	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005733	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005734	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005735	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005736	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005737	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005738	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005739	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005740	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005741	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005742	0	.0000415094	0.5	9 5.3	5 0.55
	SRCPARAM	L0005743	0	.0000415094	0.5	9 5.3	5 0.55

SRCPARAM	L0005744	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005746	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005747	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005748	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005749	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005750	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005751	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005753	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005754	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005759	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005760	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005761	0.0000415094	0.59	5.35	0.55
	L0005762	0.0000415094	0.59	5.35	0.55
	L0005763	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005764	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005765	0.0000415094	0.59	5.35	0.55
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	L0005767	0.0000415094	0.59	5.35	0.55
	L0005768	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005769	0.0000415094	0.59	5.35	0.55
	L0005770	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005771	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005775	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005776	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005781	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005782	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005783	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005795	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005801	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005802	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005807	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005813	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005816	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005818	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005824	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005826	0.0000415094	0.59	5.35	0.55
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	L0005839	0.0000415094	0.59	5.35	0.55
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	L0005841	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005847	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005854	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005860	0.0000415094	0.59	5.35	0.55
	L0005861	0.0000415094	0.59	5.35	0.55
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	L0005875	0.0000415094	0.59	5.35	0.55
	L0005876	0.0000415094	0.59	5.35	0.55
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	L0005890	0.0000415094	0.59	5.35	0.55
	L0005891	0.0000415094	0.59	5.35	0.55
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	L0005893	0.0000415094	0.59	5.35	0.55
JICI ANAM	L0003033	0.0000717074	0.55	J.JJ	0.55

SRCPARAM	L0005894	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005895	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005896	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005898	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005899	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005900	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005901	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005902	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005903	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005904	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005906	0.0000415094	0.59	5.35	0.55
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	L0005910	0.0000415094	0.59	5.35	0.55
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	L0005922	0.0000415094	0.59	5.35	0.55
	L0005923	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005924	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005926	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005930	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005936	0.0000415094	0.59	5.35	0.55
SRCPARAM	L0005937	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005939	0.0000415094	0.59	5.35	0.55
	L0005940	0.0000415094	0.59	5.35	0.55
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SRCPARAM	L0005942	0.0000415094	0.59	5.35	0.55
	L0005943	0.0000415094	0.59	5.35	0.55

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	SRCPARAM	L0005951	0.0000415094	0.59	5.35	0.55
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	SRCPARAM	L0005961	0.0000415094			0.55
	SRCPARAM	L0005962	0.0000415094	0.59	5.35	0.55
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		L0005963		0.59		0.55
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		L0005970	0.0000416667	0.59	5.35	0.55
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	SRCPARAM		0.0000416667	0.59	5.35	0.55
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	SRCPARAM		0.0000416667	0.59 0.59	5.35	0.55
				0.59 0.59	5.35	0.55
	SRCPARAM SRCPARAM		0.0000416667 0.0000416667	0.59 0.59	5.35 5.35	0.55 0.55
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	SRCPARAM		0.0000416667	0.59	5.35	0.55
	SINCHARAM	このののフラフエ	0.000041000/	0.33	رر.ر	در. ن

SRCPARAM	L0005992	0.0000416667	0.59	5.35	0.55
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   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
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** AERMOD RECEPTOR PATHWAY
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** AERMOD METEOROLOGY PATHWAY
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ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL_2042\PERI_V9_ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL 2042\PERI V9 ADJU\
  PROFFILE PERI V9 ADJU\PERI V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
*************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
            1 ALL 1ST "C:\LAKES\AERMOD
  PLOTFILE
VIEW\MVMALL 2042\MVMALL 2042.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL 2042\MVMALL 2042.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL 2042\MVMALL 2042.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
           1163
                     MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
           1163
```

```
*** SETUP Finishes Successfully ***
***********
*** AERMOD - VERSION 21112 ***
                                  *** 2042 OPERATIONS - AUTO TOG
                                  04/06/22
                                 ***
*** AERMET - VERSION 16216 ***
                                14:25:53
                                PAGE
                                       1
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                          ***
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 529 Source(s),
 for Total of
                 1 Urban Area(s):
 Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.
       6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
       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: TOG
**Model Calculates 1 Short Term Average(s) of:
                                                 1-HR
   and Calculates PERIOD Averages
```

\*\*\*\*\*\*\*\*\*\*\*

\*\*This Run Includes: 529 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 529 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: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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) = 442.00; Decay Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 = MICROGRAMS/M\*\*3 Output Units \*\*Approximate Storage Requirements of Model = 3.8 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out \*\*Detailed Error/Message File: MVMALL 2042.ERR \*\*File for Summary of Results: C:\LAKES\AERMOD VIEW\MVMALL\_2042\MVMALL\_2042.SUM ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

04/06/22

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

# \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0005698 0.55 YES	0	0.41509E-04	473526.4	3755957.2	486.2	0.59	5.35
L0005699 0.55 YES	0	0.41509E-04	473537.7	3755954.9	486.6	0.59	5.35
L0005700 0.55 YES	0	0.41509E-04	473549.0	3755952.6	486.9	0.59	5.35
L0005701 0.55 YES	0	0.41509E-04	473560.2	3755950.2	487.3	0.59	5.35
L0005702 0.55 YES	0	0.41509E-04	473571.5	3755947.9	487.7	0.59	5.35
L0005703 0.55 YES	0	0.41509E-04	473582.7	3755945.6	488.1	0.59	5.35
L0005704 0.55 YES	0	0.41509E-04	473594.0	3755943.3	488.5	0.59	5.35
L0005705 0.55 YES	0	0.41509E-04	473605.3	3755941.0	489.0	0.59	5.35
L0005706 0.55 YES	0	0.41509E-04	473616.5	3755938.6	489.4	0.59	5.35
L0005707 0.55 YES	0	0.41509E-04	473627.8	3755936.3	489.9	0.59	5.35
L0005708 0.55 YES	0	0.41509E-04	473639.1	3755934.0	490.4	0.59	5.35
L0005709 0.55 YES	0	0.41509E-04	473650.3	3755931.7	490.8	0.59	5.35
	0	0.41509E-04	473661.6	3755929.4	491.2	0.59	5.35
L0005711 0.55 YES	0	0.41509E-04	473672.9	3755927.0	491.7	0.59	5.35
L0005712 0.55 YES	0	0.41509E-04	473684.1	3755924.7	492.1	0.59	5.35
L0005713 0.55 YES	0	0.41509E-04	473695.4	3755922.4	492.4	0.59	5.35

L0005714	0	0.41509E-04	473706.6 3755920.1	492.7	0.59	5.35
0.55 YES						
L0005715	0	0.41509E-04	473717.9 3755917.8	493.0	0.59	5.35
0.55 YES						
L0005716	0	0.41509E-04	473729.2 3755915.4	493.3	0.59	5.35
0.55 YES						
L0005717	0	0.41509E-04	473740.4 3755913.1	493.7	0.59	5.35
0.55 YES						
L0005718	0	0.41509E-04	473751.7 3755910.8	494.1	0.59	5.35
0.55 YES						
L0005719	0	0.41509E-04	473763.0 3755908.5	494.4	0.59	5.35
0.55 YES						
L0005720	0	0.41509E-04	473774.2 3755906.1	494.8	0.59	5.35
0.55 YES						
L0005721	0	0.41509E-04	473785.5 3755903.8	495.2	0.59	5.35
0.55 YES						
L0005722	0	0.41509E-04	473796.8 3755901.5	495.6	0.59	5.35
0.55 YES						
L0005723	0	0.41509E-04	473808.0 3755899.2	495.9	0.59	5.35
0.55 YES						
L0005724	0	0.41509E-04	473819.3 3755896.9	496.2	0.59	5.35
0.55 YES						
L0005725	0	0.41509E-04	473830.5 3755894.5	496.5	0.59	5.35
0.55 YES						
L0005726	0	0.41509E-04	473841.8 3755892.2	496.7	0.59	5.35
0.55 YES						
L0005727	0	0.41509E-04	473853.1 3755889.9	496.9	0.59	5.35
0.55 YES						
L0005728	0	0.41509E-04	473864.3 3755887.6	497.1	0.59	5.35
0.55 YES						
L0005729	0	0.41509E-04	473875.6 3755885.3	497.3	0.59	5.35
0.55 YES						
L0005730	0	0.41509E-04	473886.9 3755882.9	497.6	0.59	5.35
0.55 YES						
L0005731	0	0.41509E-04	473898.1 3755880.6	498.0	0.59	5.35
0.55 YES						
L0005732	0	0.41509E-04	473909.4 3755878.3	498.3	0.59	5.35
0.55 YES						
L0005733	0	0.41509E-04	473920.7 3755876.0	498.7	0.59	5.35
0.55 YES						
L0005734	0	0.41509E-04	473931.9 3755873.7	499.1	0.59	5.35
0.55 YES						
L0005735	0	0.41509E-04	473943.2 3755871.3	499.4	0.59	5.35
0.55 YES						
L0005736	0	0.41509E-04	473954.4 3755869.0	499.7	0.59	5.35
0.55 YES	-					
L0005737	0	0.41509E-04	473965.7 3755866.7	500.0	0.59	5.35
0.55 YES	-				-	
↑ *** AERMOD	- VERSIO	N 21112 ***	*** 2042 OPERATIO	NS - AUTO T	OG	

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22 PAGE 3

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

# \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	
SZ SOURCE ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0005738 0.55 YES	0	0.41509E-04	473977.0	3755864.4	500.3	0.59	5.35
L0005739	0	0.41509E-04	473988.2	3755862.1	500.6	0.59	5.35
0.55 YES L0005740	0	0.41509E-04	473999.5	3755859.7	500.7	0.59	5.35
0.55 YES L0005741	0	0.41509E-04	474010.8	3755857.4	500.9	0.59	5.35
0.55 YES L0005742	0	0.41509E-04	474022.0	3755855.1	501.2	0.59	5.35
0.55 YES L0005743	0	0.41509E-04	474033.3	3755852.8	501.4	0.59	5.35
0.55 YES L0005744	0	0.41509E-04	474044.5	3755850.5	501.5	0.59	5.35
0.55 YES L0005745	0	0.41509E-04	474055.8	3755848.1	501.7	0.59	5.35
0.55 YES L0005746	0	0.41509E-04	474067.1	3755845.8	501.9	0.59	5.35
0.55 YES L0005747	0	0.41509E-04	474078.3	3755843.5	502.0	0.59	5.35
0.55 YES	•	01.12001				0,00	2122
L0005748 0.55 YES	0	0.41509E-04	474089.6	3755841.2	502.2	0.59	5.35
L0005749 0.55 YES	0	0.41509E-04	474100.9	3755838.9	502.3	0.59	5.35
L0005750 0.55 YES	0	0.41509E-04	474112.1	3755836.5	502.5	0.59	5.35
L0005751	0	0.41509E-04	474123.4	3755834.2	502.6	0.59	5.35
0.55 YES L0005752	0	0.41509E-04	474134.7	3755831.9	502.7	0.59	5.35
0.55 YES L0005753	0	0.41509E-04	474145.9	3755829.6	502.7	0.59	5.35
0.55 YES							

L0005754	0	0.41509E-04	474157.2 3755827.3	502.7	0.59	5.35
0.55 YES						
L0005755	0	0.41509E-04	474168.4 3755824.9	502.6	0.59	5.35
0.55 YES						
L0005756	0	0.41509E-04	474179.7 3755822.6	502.4	0.59	5.35
0.55 YES						
L0005757	0	0.41509E-04	474191.0 3755820.3	502.0	0.59	5.35
0.55 YES						
L0005758	0	0.41509E-04	474202.2 3755818.0	500.1	0.59	5.35
0.55 YES						
L0005759	0	0.41509E-04	474213.5 3755815.7	498.3	0.59	5.35
0.55 YES						
L0005760	0	0.41509E-04	474224.8 3755813.3	498.6	0.59	5.35
0.55 YES						
L0005761	0	0.41509E-04	474236.0 3755811.0	499.2	0.59	5.35
0.55 YES						
L0005762	0	0.41509E-04	474247.3 3755808.7	500.3	0.59	5.35
0.55 YES	-					
L0005763	0	0.41509E-04	474258.6 3755806.4	501.8	0.59	5.35
0.55 YES	ŭ	01.23032 01	1, 1230.0 3, 330001.	302.0	0.33	3.33
L0005764	0	0.41509E-04	474269.8 3755804.1	502.8	0.59	5.35
0.55 YES	U	0.413036 04	+7+203:0 373300 <del>+</del> :1	302.0	0.33	3.33
L0005765	0	0.41509E-04	474281.1 3755801.7	503.0	0.59	5.35
0.55 YES	ð	0.413031-04	474281.1 3733801.7	303.0	0.55	رد.د
L0005766	0	0.41509E-04	474292.3 3755799.4	503.1	0.59	5.35
0.55 YES	Ø	0.413036-04	4/4292.3 3/33/99.4	303.1	0.39	3.33
L0005767	0	0 415005 04	474303 6 3755707 1	F02 0	0 50	5.35
	Ø	0.41509E-04	474303.6 3755797.1	503.0	0.59	5.33
0.55 YES	0	0 415005 04	474214 0 2755704 8	F02 0	0. 50	г эг
L0005768	0	0.41509E-04	474314.9 3755794.8	503.0	0.59	5.35
0.55 YES	0	0 445005 04	474336 4 3755703 5	F02 0	0 50	F 2F
L0005769	0	0.41509E-04	474326.1 3755792.5	503.0	0.59	5.35
0.55 YES						
L0005770	0	0.41509E-04	474337.4 3755790.1	503.0	0.59	5.35
0.55 YES						
L0005771	0	0.41509E-04	474348.7 3755787.8	503.0	0.59	5.35
0.55 YES						
L0005772	0	0.41509E-04	474359.9 3755785.5	503.0	0.59	5.35
0.55 YES						
L0005773	0	0.41509E-04	474371.2 3755783.2	503.0	0.59	5.35
0.55 YES						
L0005774	0	0.41509E-04	474382.5 3755780.9	503.1	0.59	5.35
0.55 YES						
L0005775	0	0.41509E-04	474393.7 3755778.5	503.1	0.59	5.35
0.55 YES						
L0005776	0	0.41509E-04	474405.0 3755776.2	503.2	0.59	5.35
0.55 YES						
L0005777	0	0.41509E-04	474416.2 3755773.9	503.2	0.59	5.35
0.55 YES	-			-	-	
↑ *** AERMOD	- VERSIO	N 21112 ***	*** 2042 OPERATION	IS - AUTO T	TOG	
		=	: · · · · · · · · · · · · · · · · · · ·		-	

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

# \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0005778 0.55 YES	0	0.41509E-04	474427.5	3755771.6	503.3	0.59	5.35
L0005779 0.55 YES	0	0.41509E-04	474438.8	3755769.2	503.3	0.59	5.35
L0005780 0.55 YES	0	0.41509E-04	474450.0	3755766.9	503.3	0.59	5.35
L0005781 0.55 YES	0	0.41509E-04	474461.3	3755764.6	503.3	0.59	5.35
L0005782 0.55 YES	0	0.41509E-04	474472.6	3755762.3	503.4	0.59	5.35
L0005783	0	0.41509E-04	474483.8	3755760.0	503.4	0.59	5.35
0.55 YES L0005784	0	0.41509E-04	474495.1	3755757.6	503.4	0.59	5.35
0.55 YES L0005785	0	0.41509E-04	474506.4	3755755.3	503.4	0.59	5.35
0.55 YES L0005786	0	0.41509E-04	474517.6	3755753.0	503.5	0.59	5.35
0.55 YES L0005787	0	0.41509E-04	474528.9	3755750.7	503.5	0.59	5.35
0.55 YES L0005788	0	0.41509E-04	474540.1	3755748.4	503.6	0.59	5.35
0.55 YES L0005789	0	0.41509E-04	474551.4	3755746.0	503.7	0.59	5.35
0.55 YES L0005790	0	0.41509E-04	474562.7	3755743.7	503.7	0.59	5.35
0.55 YES L0005791	0	0.41509E-04	474573.9	3755741.4	503.8	0.59	5.35
0.55 YES L0005792	0	0.41509E-04	474585.2	3755739.1	503.8	0.59	5.35
0.55 YES L0005793	0	0.41509E-04	474596.5	3755736.8	503.8	0.59	5.35
0.55 YES							

L0005794	0	0.41509E-04	474607.7 3755734.4	503.8	0.59	5.35
0.55 YES L0005795	0	0.41509E-04	474619.0 3755732.1	503.9	0.59	5.35
0.55 YES						
L0005796 0.55 YES	0	0.41509E-04	474630.2 3755729.8	503.9	0.59	5.35
L0005797	0	0.41509E-04	474641.5 3755727.5	504.1	0.59	5.35
0.55 YES	_					
L0005798	0	0.41509E-04	474652.8 3755725.2	504.2	0.59	5.35
0.55 YES	•	0 445005 04	474664 0 2755722 0	504.4	0 50	F 2F
L0005799	0	0.41509E-04	474664.0 3755722.8	504.4	0.59	5.35
0.55 YES L0005800	0	0.41509E-04	474675.3 3755720.5	504.5	0.59	5.35
0.55 YES	Ø	0.413096-04	4/40/3.3 3/33/20.3	304.3	0.59	5.35
L0005801	0	0.41509E-04	474686.6 3755718.2	504.6	0.59	5.35
0.55 YES	0	0.413036-04	474000.0 3733710.2	304.0	0.55	5.55
L0005802	0	0.41509E-04	474697.8 3755715.9	504.6	0.59	5.35
0.55 YES	Ū	0.115052 01	17 1037 10 37 337 1313	301.0	0.33	3.33
L0005803	0	0.41509E-04	474709.1 3755713.6	504.6	0.59	5.35
0.55 YES	•		., ., .,	20.00	0.00	5.55
L0005804	0	0.41509E-04	474720.4 3755711.2	504.6	0.59	5.35
0.55 YES						
L0005805	0	0.41509E-04	474731.6 3755708.9	504.5	0.59	5.35
0.55 YES						
L0005806	0	0.41509E-04	474742.9 3755706.6	504.4	0.59	5.35
0.55 YES						
L0005807	0	0.41509E-04	474754.2 3755704.4	504.4	0.59	5.35
0.55 YES						
L0005808	0	0.41509E-04	474765.4 3755702.1	504.4	0.59	5.35
0.55 YES						
L0005809	0	0.41509E-04	474776.7 3755699.9	504.4	0.59	5.35
0.55 YES						
L0005810	0	0.41509E-04	474788.0 3755697.6	504.5	0.59	5.35
0.55 YES						
L0005811	0	0.41509E-04	474799.3 3755695.4	504.6	0.59	5.35
0.55 YES	_					
L0005812	0	0.41509E-04	474810.6 3755693.1	504.7	0.59	5.35
0.55 YES	•	0 445005 04	474004 0 0755600 0	504.0	0 50	- 2-
L0005813	0	0.41509E-04	474821.8 3755690.9	504.8	0.59	5.35
0.55 YES	0	0 415005 04	474022 1 2755600 6	F04 0	0 50	г эг
L0005814	0	0.41509E-04	474833.1 3755688.6	504.9	0.59	5.35
0.55 YES	0	0 415005 04	474944 4 2755696 4	F0F 0	0 50	F 2F
L0005815 0.55 YES	0	0.41509E-04	474844.4 3755686.4	505.0	0.59	5.35
L0005816	0	0 415005 04	474855.7 3755684.1	505.0	0.59	5.35
0.55 YES	V	0.413036-04	4/4833.7 3/33084.1	٠. دهد	0.33	3.33
L0005817	0	0 /1500E_0/	474866.9 3755681.9	505 0	0.59	5.35
0.55 YES	Ð	0.41J0JL-04	T/4000.7 3/33001.3	303.0	0.09	رد.ر
↑ *** AERMOD -	- VFRST	ON 21112 ***	*** 2042 OPERATION	JS - ALITO T	OG	
ALIMOD -	V LIVOT(	***	04/06/22	.S AUTO I	00	
			3 1/ 00/ 22			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI	ON RATE					
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0005818	0	0.41509E-04	474878.2	3755679.6	505.1	0.59	5.35
0.55 YES							
L0005819	0	0.41509E-04	474889.5	3755677.4	505.0	0.59	5.35
0.55 YES							
L0005820	0	0.41509E-04	474900.8	3755675.1	505.0	0.59	5.35
0.55 YES							
L0005821	0	0.41509E-04	474912.1	3755672.9	505.0	0.59	5.35
0.55 YES							
L0005822	0	0.41509E-04	474923.3	3755670.6	505.0	0.59	5.35
0.55 YES							
L0005823	0	0.41509E-04	474934.6	3755668.3	505.0	0.59	5.35
0.55 YES							
L0005824	0	0.41509E-04	474945.9	3755666.1	505.0	0.59	5.35
0.55 YES							
L0005825	0	0.41509E-04	474957.2	3755663.8	505.0	0.59	5.35
0.55 YES							
L0005826	0	0.41509E-04	474968.4	3755661.6	505.1	0.59	5.35
0.55 YES	_						
L0005827	0	0.41509E-04	474979.7	3755659.3	505.1	0.59	5.35
0.55 YES	•		4=4004		-0- 4	0 =0	
L0005828	0	0.41509E-04	4/4991.0	3/5565/.1	505.1	0.59	5.35
0.55 YES	0	0 415005 04	475002 2	2755654 0	FOF 1	0.50	F 2F
L0005829	0	0.41509E-04	4/5002.3	3/55654.8	505.1	0.59	5.35
0.55 YES	0	0 415005 04	47F012 F	2755652 6	F0F 0	0 50	г эг
L0005830 0.55 YES	0	0.41509E-04	4/5013.5	3/55652.6	505.0	0.59	5.35
L0005831	0	0.41509E-04	475024 0	2755650 2	505.0	0 F0	5.35
	О	0.41509E-04	4/3024.8	3/33030.3	303.0	0.59	3.33
0.55 YES	α	0.41509E-04	175026 1	2755640 1	EQ4 0	0 50	E 2E
L0005832 0.55 YES	0	0.41303E-04	4/3030.1	3/33048.1	504.9	0.59	5.35
0.55 YES L0005833	0	0.41509E-04	175017 1	2755615 0	501 0	0 50	5.35
	О	0.41303E-04	4/364/.4	3/33043.8	504.8	0.59	3.33
0.55 YES							

L0005834 0.55 YES	0	0.41509E-04	475058.7 3755643.6	504.7	0.59	5.35
L0005835	0	0.41509E-04	475069.9 3755641.3	504.6	0.59	5.35
0.55 YES L0005836	0	0.41509E-04	475081.2 3755639.1	504.5	0.59	5.35
0.55 YES	0	0 415005 04	475002 5 2755626 0	FO4 4	0 50	F 2F
L0005837 0.55 YES	0	0.41509E-04	475092.5 3755636.8	504.4	0.59	5.35
L0005838	0	0.41509E-04	475103.8 3755634.6	504.4	0.59	5.35
0.55 YES L0005839	0	0.41509E-04	475115.0 3755632.3	504.4	0.59	5.35
0.55 YES						
L0005840 0.55 YES	0	0.41509E-04	475126.3 3755630.1	504.3	0.59	5.35
L0005841	0	0.41509E-04	475137.6 3755627.8	504.3	0.59	5.35
0.55 YES	•	0 445005 04	475440 0 2755625 6	504.3	0 50	- 2-
L0005842 0.55 YES	0	0.41509E-04	475148.9 3755625.6	504.2	0.59	5.35
L0005843	0	0.41509E-04	475160.2 3755623.3	504.2	0.59	5.35
0.55 YES						
L0005844 0.55 YES	0	0.41509E-04	475171.4 3755621.1	504.1	0.59	5.35
L0005845	0	0.41509E-04	475182.7 3755618.8	503.9	0.59	5.35
0.55 YES						
L0005846	0	0.41509E-04	475194.0 3755616.6	503.8	0.59	5.35
0.55 YES L0005847	0	0.41509E-04	475205.3 3755614.3	503.7	0.59	5.35
0.55 YES	Ū	0.413031 04	473203.3 3733014.3	303.7	0.33	J <b>.</b> JJ
L0005848	0	0.41509E-04	475216.7 3755613.1	503.6	0.59	5.35
0.55 YES L0005849	0	0.41509E-04	475228.2 3755612.2	503.4	0.59	5.35
0.55 YES	V	0.413096-04	4/3220.2 3/33012.2	303.4	0.33	3.33
L0005850	0	0.41509E-04	475239.6 3755611.2	503.3	0.59	5.35
0.55 YES	0	0 445005 04	475254 4 2755640 2	F02 2	0 50	F 2F
L0005851 0.55 YES	0	0.41509E-04	475251.1 3755610.3	503.2	0.59	5.35
L0005852	0	0.41509E-04	475262.5 3755609.3	503.1	0.59	5.35
0.55 YES						
L0005853	0	0.41509E-04	475274.0 3755608.4	503.0	0.59	5.35
0.55 YES L0005854	0	0.41509E-04	475285.5 3755607.5	503.0	0.59	5.35
0.55 YES	•				0000	2132
L0005855	0	0.41509E-04	475296.9 3755606.5	502.9	0.59	5.35
0.55 YES L0005856	0	0 41509F-04	475308.4 3755606.2	502.9	0.59	5.35
0.55 YES	Ū	0.413031 04	473300.4 3733000.2	302.3	0.33	J <b>.</b> JJ
L0005857	0	0.41509E-04	475319.9 3755606.4	502.8	0.59	5.35
0.55 YES  ★ *** AERMOD	VEDET	N 21112 ***	*** 7042 005047704	IC ALITO T	06	
A HITT AEKMUD	- AEK2T(	JN 21112 ***	*** 2042 OPERATION 04/06/22	AUIU I	OG	
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.	VAIL	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0005858 0.55 YES	0	0.41509E-04	475331.4	3755606.6	502.8	0.59	5.35
L0005859	0	0.41509E-04	475342.9	3755606.7	502.8	0.59	5.35
0.55 YES L0005860	0	0.41509E-04	475354.4	3755606.9	502.8	0.59	5.35
0.55 YES L0005861	0	0.41509E-04	475365.9	3755607.1	502.8	0.59	5.35
0.55 YES L0005862	0	0.41509E-04	475377.4	3755607.3	502.9	0.59	5.35
0.55 YES L0005863	0	0.41509E-04	475388.9	3755607.5	502.9	0.59	5.35
0.55 YES L0005864	0	0.41509E-04	475400.4	3755607.6	502.9	0.59	5.35
0.55 YES L0005865	0	0.41509E-04	475411.9	3755607.8	503.0	0.59	5.35
0.55 YES L0005866	0	0.41509E-04	475423.4	3755608.0	503.0	0.59	5.35
0.55 YES L0005867	0	0.41509E-04	475434.9	3755608.2	503.1	0.59	5.35
0.55 YES L0005868	0	0.41509E-04	475446.4	3755608.4	503.2	0.59	5.35
0.55 YES L0005869	0	0.41509E-04	475457.9	3755608.6	503.3	0.59	5.35
0.55 YES L0005870	0	0.41509E-04	475469.4	3755608.7	503.4	0.59	5.35
0.55 YES L0005871	0	0.41509E-04	475480.9	3755608.9	503.6	0.59	5.35
0.55 YES L0005872	0	0.41509E-04	475492.4	3755609.1	503.8	0.59	5.35
0.55 YES L0005873	0	0.41509E-04				0.59	5.35
0.55 YES							

L0005874 0.55 YES	0	0.41509E-04	475515.4 3755609.5	504.1	0.59	5.35
L0005875	0	0.41509E-04	475526.9 3755609.6	504.3	0.59	5.35
0.55 YES L0005876	0	0.41509E-04	475538.4 3755609.8	504.5	0.59	5.35
0.55 YES L0005877	0	0.41509E-04	475549.9 3755610.0	504.7	0.59	5.35
0.55 YES L0005878 0.55 YES	0	0.41509E-04	475561.4 3755610.2	504.9	0.59	5.35
0.55 YES L0005879 0.55 YES	0	0.41509E-04	475572.9 3755610.4	505.0	0.59	5.35
L0005880 0.55 YES	0	0.41509E-04	475584.4 3755610.5	505.2	0.59	5.35
L0005881 0.55 YES	0	0.41509E-04	475595.9 3755610.7	505.4	0.59	5.35
L0005882 0.55 YES	0	0.41509E-04	475607.4 3755610.9	505.6	0.59	5.35
L0005883 0.55 YES	0	0.41509E-04	475618.9 3755611.1	505.8	0.59	5.35
L0005884 0.55 YES	0	0.41509E-04	475630.4 3755611.3	506.0	0.59	5.35
L0005885 0.55 YES	0	0.41509E-04	475641.9 3755611.5	506.2	0.59	5.35
L0005886 0.55 YES	0	0.41509E-04	475653.4 3755611.6	506.4	0.59	5.35
L0005887 0.55 YES	0	0.41509E-04	475664.9 3755611.8	506.5	0.59	5.35
L0005888 0.55 YES	0	0.41509E-04	475676.4 3755612.0	506.7	0.59	5.35
L0005889 0.55 YES	0	0.41509E-04	475687.9 3755612.2	506.8	0.59	5.35
L0005890 0.55 YES	0	0.41509E-04	475699.4 3755612.4	506.9	0.59	5.35
L0005891 0.55 YES	0	0.41509E-04	475710.9 3755612.5	507.1	0.59	5.35
L0005892 0.55 YES	0	0.41509E-04	475722.3 3755612.7	507.2	0.59	5.35
L0005893 0.55 YES	0	0.41509E-04	475733.8 3755612.9	507.3	0.59	5.35
L0005894 0.55 YES	0	0.41509E-04	475745.3 3755613.1	507.4	0.59	5.35
L0005895 0.55 YES	0	0.41509E-04	475756.8 3755613.3	507.5	0.59	5.35
L0005896 0.55 YES	0	0.41509E-04	475768.3 3755613.5	507.6	0.59	5.35
L0005897 0.55 YES	0	0.41509E-04	475779.8 3755613.6	507.6	0.59	5.35
♠ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2042 OPERATION 04/06/22	S - AUTO TO	OG	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0005898 0.55 YES	0	0.41509E-04	475791.3	3755613.8	507.4	0.59	5.35
L0005899 0.55 YES	0	0.41509E-04	475802.8	3755614.0	507.1	0.59	5.35
L0005900 0.55 YES	0	0.41509E-04	475814.3	3755614.2	505.6	0.59	5.35
L0005901 0.55 YES	0	0.41509E-04	475825.8	3755614.4	503.7	0.59	5.35
L0005902 0.55 YES	0	0.41509E-04	475837.3	3755614.5	503.1	0.59	5.35
L0005903 0.55 YES	0	0.41509E-04	475848.8	3755614.7	503.9	0.59	5.35
L0005904	0	0.41509E-04	475860.3	3755614.9	504.9	0.59	5.35
0.55 YES L0005905	0	0.41509E-04	475871.8	3755615.1	506.2	0.59	5.35
0.55 YES L0005906	0	0.41509E-04	475883.3	3755615.3	507.4	0.59	5.35
0.55 YES L0005907	0	0.41509E-04	475894.8	3755615.5	507.4	0.59	5.35
0.55 YES L0005908	0	0.41509E-04	475906.3	3755615.6	507.4	0.59	5.35
0.55 YES L0005909	0	0.41509E-04	475917.8	3755615.8	507.3	0.59	5.35
0.55 YES L0005910	0	0.41509E-04	475929.3	3755616.0	507.2	0.59	5.35
0.55 YES L0005911	0	0.41509E-04	475940.8	3755616.2	507.1	0.59	5.35
0.55 YES L0005912	0	0.41509E-04	475952.3	3755616.4	506.9	0.59	5.35
0.55 YES L0005913	0	0.41509E-04	475963.8	3755616.5	506.8	0.59	5.35
0.55 YES							

L0005914	0	0.41509E-04	475975.3 3755616.7	506.6	0.59	5.35
0.55 YES	_					
L0005915	0	0.41509E-04	475986.8 3755616.9	506.4	0.59	5.35
0.55 YES						
L0005916	0	0.41509E-04	475998.3 3755617.1	506.2	0.59	5.35
0.55 YES						
L0005917	0	0.41509E-04	476009.8 3755617.3	505.9	0.59	5.35
0.55 YES						
L0005918	0	0.41509E-04	476021.3 3755617.5	505.8	0.59	5.35
0.55 YES						
L0005919	0	0.41509E-04	476032.8 3755617.6	505.6	0.59	5.35
0.55 YES						
L0005920	0	0.41509E-04	476044.3 3755617.8	505.3	0.59	5.35
0.55 YES						
L0005921	0	0.41509E-04	476055.8 3755618.0	505.1	0.59	5.35
0.55 YES						
L0005922	0	0.41509E-04	476067.3 3755618.2	504.9	0.59	5.35
0.55 YES						
L0005923	0	0.41509E-04	476078.8 3755618.4	504.7	0.59	5.35
0.55 YES						
L0005924	0	0.41509E-04	476090.3 3755618.5	504.5	0.59	5.35
0.55 YES						
L0005925	0	0.41509E-04	476101.8 3755618.7	504.3	0.59	5.35
0.55 YES	-					
L0005926	0	0.41509E-04	476113.3 3755618.9	504.1	0.59	5.35
0.55 YES			., 0	20.0-	0.00	2.00
L0005927	0	0.41509E-04	476124.8 3755619.1	503.9	0.59	5.35
0.55 YES	Ū	01.23032 0.	1,012110 3,3301311	303.3	0.33	3.33
L0005928	0	0.41509E-04	476136.3 3755619.3	503.7	0.59	5.35
0.55 YES	Ū	0.413032 04	470130.3 3733013.3	303.7	0.55	3.33
L0005929	0	0.41509E-04	476147.8 3755619.5	503.4	0.59	5.35
0.55 YES	Ū	0.413036-04	470147.8 3733013.3	303.4	0.55	5.55
L0005930	0	0 415005 04	476159.3 3755619.6	503.2	0.59	5.35
0.55 YES	Ø	0.413036-04	470139.3 3733019.0	303.2	0.39	رد. د
L0005931	0	0 415005 04	476170.8 3755619.8	F02 0	0.59	5.35
0.55 YES	О	0.41309E-04	4/61/0.8 3/33619.8	303.0	0.59	5.33
	0	0 415005 04	476182 2 2755628 8	F03 0	0 50	г эг
L0005932	0	0.41509E-04	476182.3 3755620.0	502.8	0.59	5.35
0.55 YES	0	0 445005 04	476402 0 2755620 2	F02 6	0 50	F 2F
L0005933	0	0.41509E-04	476193.8 3755620.2	502.6	0.59	5.35
0.55 YES	•	0 445005 04	476205 2 2755620 4	F00 4	0 50	- 2-
L0005934	0	0.41509E-04	476205.3 3755620.4	502.4	0.59	5.35
0.55 YES						
L0005935	0	0.41509E-04	476216.8 3755620.5	502.3	0.59	5.35
0.55 YES	_					
L0005936	0	0.41509E-04	476228.3 3755620.7	502.2	0.59	5.35
0.55 YES						
L0005937	0	0.41509E-04	476239.8 3755620.9	502.1	0.59	5.35
0.55 YES						
★ *** AERMOD -	- VERSIC	ON 21112 ***	*** 2042 OPERATION	S - AUTO	TOG	
		alteration to	/ /			

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

NUMBER EMISSION RATE BASE RELEASE INIT INIT. URBAN EMISSION RATE	•
SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY SZ SOURCE SCALAR VARY	
ID CATS. (METERS) (METERS) (METERS) (METERS) (METERS)	S)
(METERS) BY	·
L0005938 0 0.41509E-04 476251.3 3755621.1 502.0 0.59 5.3	5
0.55 YES	
L0005939 0 0.41509E-04 476262.8 3755621.3 501.9 0.59 5.3	5
0.55 YES	_
L0005940 0 0.41509E-04 476274.3 3755621.5 501.9 0.59 5.3	5
0.55 YES L0005941 0 0.41509E-04 476285.8 3755621.6 501.9 0.59 5.3	E
0.55 YES	)
L0005942 0 0.41509E-04 476297.3 3755621.8 501.8 0.59 5.3	5
0.55 YES	
L0005943 0 0.41509E-04 476308.8 3755622.0 501.9 0.59 5.3	5
0.55 YES	
L0005944 0 0.41509E-04 476320.3 3755622.2 501.9 0.59 5.3	5
0.55 YES	
L0005945 0 0.41509E-04 476331.8 3755622.4 501.9 0.59 5.3	5
0.55 YES	_
L0005946 0 0.41509E-04 476343.3 3755622.5 502.0 0.59 5.3 0.55 YES	5
L0005947 0 0.41509E-04 476354.8 3755622.7 502.0 0.59 5.3	5
0.55 YES	,
L0005948 0 0.41509E-04 476366.3 3755622.9 502.1 0.59 5.3	5
0.55 YES	
L0005949 0 0.41509E-04 476377.8 3755623.1 502.1 0.59 5.3	5
0.55 YES	
L0005950 0 0.41509E-04 476389.3 3755623.3 502.1 0.59 5.3	5
0.55 YES	_
L0005951 0 0.41509E-04 476400.8 3755623.5 502.1 0.59 5.3	5
0.55 YES	_
L0005952 0 0.41509E-04 476412.3 3755623.6 502.1 0.59 5.3 0.55 YES	<b>5</b>
L0005953 0 0.41509E-04 476423.8 3755623.8 502.1 0.59 5.3	5
0.55 YES	_

L0005954 0.55 YES	0	0.41509E-04	476435.3 3755624.0	502.1	0.59	5.35
L0005955	0	0.41509E-04	476446.8 3755624.2	502.1	0.59	5.35
0.55 YES L0005956	0	0.41509E-04	476458.3 3755624.4	502.1	0.59	5.35
0.55 YES						
L0005957 0.55 YES	0	0.41509E-04	476469.8 3755624.5	502.2	0.59	5.35
L0005958	0	0.41509E-04	476481.3 3755624.7	502.2	0.59	5.35
0.55 YES L0005959	0	0.41509E-04	476492.8 3755624.9	502.2	0.59	5.35
0.55 YES	V	0.41309E-04	4/0492.6 3/33024.9	302.2	0.59	5.33
L0005960	0	0.41509E-04	476504.3 3755625.1	502.2	0.59	5.35
0.55 YES L0005961	0	0.41509E-04	476515.8 3755625.3	502.3	0.59	5.35
0.55 YES	V	0.413096-04	4/0313.8 3/33023.3	302.3	0.33	3.33
L0005962	0	0.41509E-04	476527.2 3755625.5	502.3	0.59	5.35
0.55 YES L0005963	0	0.41667E-04	476516.0 3755644.4	502.5	0.59	5.35
0.55 YES	V	0.4100/6-04	4/0310.0 3/33044.4	302.3	0.59	3.33
L0005964	0	0.41667E-04	476504.5 3755644.2	502.4	0.59	5.35
0.55 YES	0	0 446675 04	476402 0 2755644 0	F02 4	0 50	F 2F
L0005965 0.55 YES	0	0.41667E-04	476493.0 3755644.0	502.4	0.59	5.35
L0005966	0	0.41667E-04	476481.5 3755643.8	502.4	0.59	5.35
0.55 YES	•	0 446675 04	476470 0 2755642 5	500.4	0.50	- 2-
L0005967 0.55 YES	0	0.41667E-04	476470.0 3755643.5	502.4	0.59	5.35
L0005968	0	0.41667E-04	476458.5 3755643.3	502.4	0.59	5.35
0.55 YES						
L0005969 0.55 YES	0	0.41667E-04	476447.1 3755643.1	502.3	0.59	5.35
L0005970	0	0.41667E-04	476435.6 3755642.9	502.3	0.59	5.35
0.55 YES						
L0005971 0.55 YES	0	0.41667E-04	476424.1 3755642.6	502.3	0.59	5.35
L0005972	0	0.41667E-04	476412.6 3755642.4	502.4	0.59	5.35
0.55 YES						
L0005973 0.55 YES	0	0.41667E-04	476401.1 3755642.2	502.4	0.59	5.35
L0005974	0	0.41667E-04	476389.6 3755642.0	502.4	0.59	5.35
0.55 YES						
L0005975 0.55 YES	0	0.41667E-04	476378.1 3755641.7	502.5	0.59	5.35
L0005976	0	0.41667E-04	476366.6 3755641.5	502.4	0.59	5.35
0.55 YES						
L0005977	0	0.41667E-04	476355.1 3755641.3	502.4	0.59	5.35
0.55 YES  ↑ *** AERMOD -	- VERSIO	ON 21112 *** ***	*** 2042 OPERATION 04/06/22	S - AUTO TO	OG	

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METEKS)		DY 					
L0005978 0.55 YES	0	0.41667E-04	476343.6	3755641.1	502.3	0.59	5.35
L0005979 0.55 YES	0	0.41667E-04	476332.1	3755640.8	502.2	0.59	5.35
L0005980 0.55 YES	0	0.41667E-04	476320.6	3755640.6	502.1	0.59	5.35
L0005981 0.55 YES	0	0.41667E-04	476309.1	3755640.4	502.1	0.59	5.35
L0005982	0	0.41667E-04	476297.6	3755640.2	502.0	0.59	5.35
L0005983	0	0.41667E-04	476286.1	3755639.9	502.0	0.59	5.35
0.55 YES L0005984	0	0.41667E-04	476274.6	3755639.7	502.0	0.59	5.35
0.55 YES L0005985	0	0.41667E-04	476263.1	3755639.5	502.0	0.59	5.35
0.55 YES L0005986	0	0.41667E-04	476251.6	3755639.3	502.1	0.59	5.35
0.55 YES L0005987	0	0.41667E-04	476240.1	3755639.1	502.1	0.59	5.35
0.55 YES L0005988	0	0.41667E-04	476228.6	3755638.8	502.2	0.59	5.35
0.55 YES L0005989	0	0.41667E-04	476217.1	3755638.6	502.3	0.59	5.35
0.55 YES L0005990	0	0.41667E-04	476205.6	3755638.4	502.4	0.59	5.35
0.55 YES L0005991	0	0.41667E-04	476194.1	3755638.2	502.6	0.59	5.35
0.55 YES L0005992	0	0.41667E-04	476182.6	3755637.9	502.8	0.59	5.35
0.55 YES L0005993	0	0.41667E-04	476171.1	3755637.7	502.9	0.59	5.35
0.55 YES							

L0005994	0	0.41667E-04	476159.6 3755637.5	503.1	0.59	5.35
0.55 YES	_					
L0005995	0	0.41667E-04	476148.1 3755637.3	503.3	0.59	5.35
0.55 YES	α	0 416675 04	476126 6 27EE627 0	503.5	0 50	5.35
L0005996 0.55 YES	0	0.41667E-04	476136.6 3755637.6	0 303.3	0.59	5.35
L0005997	0	0.41667E-04	476125.1 3755636.8	8 503.7	0.59	5.35
0.55 YES	J	0.4100/1 04	+/0123.1 3/33030.0	, 505.7	0.55	3.33
L0005998	0	0.41667E-04	476113.6 3755636.6	503.9	0.59	5.35
0.55 YES	-					
L0005999	0	0.41667E-04	476102.1 3755636.4	504.1	0.59	5.35
0.55 YES						
L0006000	0	0.41667E-04	476090.6 3755636.1	504.3	0.59	5.35
0.55 YES						
L0006001	0	0.41667E-04	476079.1 3755635.9	504.5	0.59	5.35
0.55 YES						
L0006002	0	0.41667E-04	476067.6 3755635.7	7 504.8	0.59	5.35
0.55 YES						
L0006003	0	0.41667E-04	476056.1 3755635.5	505.0	0.59	5.35
0.55 YES						
L0006004	0	0.41667E-04	476044.6 3755635.2	2 505.3	0.59	5.35
0.55 YES						
L0006005	0	0.41667E-04	476033.1 3755635.6	505.5	0.59	5.35
0.55 YES						
L0006006	0	0.41667E-04	476021.6 3755634.8	505.8	0.59	5.35
0.55 YES						
L0006007	0	0.41667E-04	476010.1 3755634.6	506.0	0.59	5.35
0.55 YES						
L0006008	0	0.41667E-04	475998.6 3755634.3	506.2	0.59	5.35
0.55 YES						
L0006009	0	0.41667E-04	475987.1 3755634.1	506.4	0.59	5.35
0.55 YES						
L0006010	0	0.41667E-04	475975.6 3755633.9	506.6	0.59	5.35
0.55 YES						
L0006011	0	0.41667E-04	475964.1 3755633.7	7 506.9	0.59	5.35
0.55 YES						
L0006012	0	0.41667E-04	475952.6 3755633.4	506.9	0.59	5.35
0.55 YES						
L0006013	0	0.41667E-04	475941.1 3755633.2	506.9	0.59	5.35
0.55 YES						
L0006014	0	0.41667E-04	475929.6 3755633.6	506.9	0.59	5.35
0.55 YES						
L0006015	0	0.41667E-04	475918.2 3755632.8	506.8	0.59	5.35
0.55 YES	-	0 4455== 5:	475006 7 055555		0 ==	
L0006016	0	0.41667E-04	475906.7 3755632.6	506.7	0.59	5.35
0.55 YES	_		4==00= 0 =======			
L0006017	0	0.41667E-04	475895.2 3755632.3	506.6	0.59	5.35
0.55 YES			deducts 0040 0000			
↑ *** AERMOD	- VERSIO	)N 21112 ***	*** 2042 OPERATION	ONS - AUTO T	UG	

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMISSI	EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0006018 0.55 YES	0	0.41667E-04	475883.7	3755632.1	506.6	0.59	5.35
L0006019 0.55 YES	0	0.41667E-04	475872.2	3755631.9	505.5	0.59	5.35
L0006020 0.55 YES	0	0.41667E-04	475860.7	3755631.7	504.4	0.59	5.35
L0006021 0.55 YES	0	0.41667E-04	475849.2	3755631.4	503.6	0.59	5.35
L0006022 0.55 YES	0	0.41667E-04	475837.7	3755631.2	502.9	0.59	5.35
L0006023 0.55 YES	0	0.41667E-04	475826.2	3755631.0	503.3	0.59	5.35
L0006024 0.55 YES	0	0.41667E-04	475814.7	3755630.8	504.7	0.59	5.35
L0006025 0.55 YES	0	0.41667E-04	475803.2	3755630.5	505.8	0.59	5.35
L0006026 0.55 YES	0	0.41667E-04	475791.7	3755630.3	505.9	0.59	5.35
L0006027 0.55 YES	0	0.41667E-04	475780.2	3755630.1	506.1	0.59	5.35
L0006028 0.55 YES	0	0.41667E-04	475768.7	3755629.9	506.1	0.59	5.35
L0006029 0.55 YES	0	0.41667E-04	475757.2	3755629.6	506.1	0.59	5.35
L0006030 0.55 YES	0	0.41667E-04	475745.7	3755629.4	506.0	0.59	5.35
L0006031 0.55 YES	0	0.41667E-04	475734.2	3755629.2	506.0	0.59	5.35
L0006032 0.55 YES	0	0.41667E-04	475722.7	3755629.0	505.9	0.59	5.35
L0006033 0.55 YES	0	0.41667E-04	475711.2	3755628.7	505.9	0.59	5.35

L0006034	0	0.41667E-04	475699.7 3755628.5	505.9	0.59	5.35
0.55 YES L0006035	0	0.41667E-04	475688.2 3755628.3	505.9	0.59	5.35
0.55 YES	V	0.4100/E-04	4/3000.2 3/33020.3	303.9	0.33	3.33
L0006036	0	0.41667E-04	475676.7 3755628.1	505.8	0.59	5.35
0.55 YES						
L0006037	0	0.41667E-04	475665.2 3755627.8	505.9	0.59	5.35
0.55 YES						
L0006038	0	0.41667E-04	475653.7 3755627.6	505.9	0.59	5.35
0.55 YES						
L0006039	0	0.41667E-04	475642.2 3755627.4	505.8	0.59	5.35
0.55 YES	•		4==400 = 0===40= 0			
L0006040	0	0.41667E-04	475630.7 3755627.2	505.8	0.59	5.35
0.55 YES	0	0 416675 04	475610 2 2755627 0	505 7	0 50	F 2F
L0006041	0	0.41667E-04	475619.2 3755627.0	505.7	0.59	5.35
0.55 YES	0	0 416675 04	475607 7 2755626 7	F0F 6	0 50	г эг
L0006042 0.55 YES	0	0.41667E-04	475607.7 3755626.7	505.6	0.59	5.35
0.55 YES L0006043	0	0.41667E-04	475596.2 3755626.5	505.4	0.59	5.35
0.55 YES	v	0.4100/6-04	4/3390.2 3/33020.3	303.4	0.33	3.33
L0006044	0	0.41667E-04	475584.7 3755626.3	505.3	0.59	5.35
0.55 YES	O	0.4100/L-04	4/3304./ 3/33020.3	303.3	0.55	5.55
L0006045	0	0.41667E-04	475573.2 3755626.1	505.1	0.59	5.35
0.55 YES	Ū	0.120072 01	17557512 575502011	303.1	0.55	3.33
L0006046	0	0.41667E-04	475561.7 3755625.8	505.0	0.59	5.35
0.55 YES						
L0006047	0	0.41667E-04	475550.2 3755625.6	504.8	0.59	5.35
0.55 YES						
L0006048	0	0.41667E-04	475538.7 3755625.4	504.7	0.59	5.35
0.55 YES						
L0006049	0	0.41667E-04	475527.2 3755625.2	504.5	0.59	5.35
0.55 YES						
L0006050	0	0.41667E-04	475515.7 3755624.9	504.3	0.59	5.35
0.55 YES						
L0006051	0	0.41667E-04	475504.2 3755624.7	504.2	0.59	5.35
0.55 YES						
L0006052	0	0.41667E-04	475492.7 3755624.5	504.0	0.59	5.35
0.55 YES	_					
L0006053	0	0.41667E-04	475481.2 3755624.3	503.9	0.59	5.35
0.55 YES	0	0 446675 04	475460 7 2755624 0	502.0	0.50	F 2F
L0006054	0	0.4166/E-04	475469.7 3755624.0	503.8	0.59	5.35
0.55 YES	0	0 416675 04	475450 2 2755622 0	502.7	0.50	F 2F
L0006055	0	0.4166/E-04	475458.2 3755623.8	503.7	0.59	5.35
0.55 YES L0006056	Ω	0 416675 04	475446.7 3755623.6	502 7	0.59	5.35
0.55 YES	0	0.4100/6-04	4/3440./ 3/33023.0	503.7	Ø.33	٥٠٥٥
L0006057	0	0 416675-04	475435.2 3755623.4	503 6	0.59	5.35
0.55 YES	v	U. 7100/E-04	T/JTJJ.4 J/JJUZJ.4	0.00	0.33	رد.ر
↑ *** AERMOD	- VERSTO	N 21112 ***	*** 2042 OPERATION	JS - ALITO T	rog	
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↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		вү 					
L0006058 0.55 YES	0	0.41667E-04	475423.7	3755623.1	503.6	0.59	5.35
L0006059 0.55 YES	0	0.41667E-04	475412.2	3755622.9	503.5	0.59	5.35
L0006060 0.55 YES	0	0.41667E-04	475400.8	3755623.0	503.5	0.59	5.35
L0006061 0.55 YES	0	0.41667E-04	475389.3	3755623.4	503.6	0.59	5.35
L0006062 0.55 YES	0	0.41667E-04	475377.8	3755623.9	503.6	0.59	5.35
L0006063 0.55 YES	0	0.41667E-04	475366.3	3755624.3	503.6	0.59	5.35
L0006064	0	0.41667E-04	475354.8	3755624.8	503.6	0.59	5.35
0.55 YES L0006065	0	0.41667E-04	475343.3	3755625.2	503.7	0.59	5.35
0.55 YES L0006066	0	0.41667E-04	475331.8	3755625.6	503.7	0.59	5.35
0.55 YES L0006067	0	0.41667E-04	475320.3	3755626.1	503.8	0.59	5.35
0.55 YES L0006068	0	0.41667E-04	475308.8	3755626.5	503.8	0.59	5.35
0.55 YES L0006069	0	0.41667E-04	475297.3	3755627.0	503.9	0.59	5.35
0.55 YES L0006070	0	0.41667E-04	475285.8	3755627.4	503.9	0.59	5.35
0.55 YES L0006071	0	0.41667E-04	475274.4	3755628.4	504.0	0.59	5.35
0.55 YES L0006072	0	0.41667E-04	475262.9	3755629.6	504.1	0.59	5.35
0.55 YES L0006073 0.55 YES	0	0.41667E-04	475251.5	3755630.8	504.1	0.59	5.35

L0006074 0.55 YES	0	0.41667E-04	475240.1 3755632.0	504.1	0.59	5.35
L0006075 0.55 YES	0	0.41667E-04	475228.6 3755633.2	504.2	0.59	5.35
L0006076 0.55 YES	0	0.41667E-04	475217.2 3755634.5	504.2	0.59	5.35
L0006077 0.55 YES	0	0.41667E-04	475205.8 3755635.7	504.2	0.59	5.35
L0006078 0.55 YES	0	0.41667E-04	475194.3 3755636.9	504.3	0.59	5.35
L0006079 0.55 YES	0	0.41667E-04	475182.9 3755638.1	504.3	0.59	5.35
L0006080 0.55 YES	0	0.41667E-04	475171.5 3755639.3	504.4	0.59	5.35
L0006081 0.55 YES	0	0.41667E-04	475160.0 3755640.6	504.5	0.59	5.35
L0006082 0.55 YES	0	0.41667E-04	475148.6 3755641.9	504.5	0.59	5.35
L0006083 0.55 YES	0	0.41667E-04	475137.4 3755644.3	504.6	0.59	5.35
L0006084 0.55 YES	0	0.41667E-04	475126.1 3755646.7	504.7	0.59	5.35
L0006085 0.55 YES	0	0.41667E-04	475114.9 3755649.1	504.8	0.59	5.35
L0006086 0.55 YES	0	0.41667E-04	475103.6 3755651.4	504.9	0.59	5.35
L0006087 0.55 YES	0	0.41667E-04	475092.4 3755653.8	505.0	0.59	5.35
L0006088 0.55 YES	0	0.41667E-04	475081.1 3755656.2	505.1	0.59	5.35
L0006089 0.55 YES	0	0.41667E-04	475069.9 3755658.6	505.2	0.59	5.35
L0006090 0.55 YES	0	0.41667E-04	475058.6 3755660.9	505.3	0.59	5.35
L0006091 0.55 YES	0	0.41667E-04	475047.3 3755663.3	505.3	0.59	5.35
L0006092 0.55 YES	0	0.41667E-04	475036.1 3755665.7	505.4	0.59	5.35
L0006093 0.55 YES	0	0.41667E-04	475024.8 3755668.1	505.4	0.59	5.35
L0006094 0.55 YES	0	0.41667E-04	475013.6 3755670.4	505.5	0.59	5.35
L0006095 0.55 YES	0	0.41667E-04	475002.3 3755672.8	505.5	0.59	5.35
L0006096 0.55 YES	0	0.41667E-04	474991.1 3755675.2	505.6	0.59	5.35
L0006097 0.55 YES	0	0.41667E-04	474979.8 3755677.5	505.7	0.59	5.35
♠ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2042 OPERATION 04/06/22	S - AUTO T	OG	

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		*** VOLUME SOURCE DATA ***					
INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0006098 0.55 YES	0	0.41667E-04	474968.6	3755679.9	505.8	0.59	5.35
L0006099 0.55 YES	0	0.41667E-04	474957.3	3755682.3	505.9	0.59	5.35
L0006100 0.55 YES	0	0.41667E-04	474946.1	3755684.7	505.9	0.59	5.35
L0006101 0.55 YES	0	0.41667E-04	474934.8	3755687.0	506.1	0.59	5.35
L0006102 0.55 YES	0	0.41667E-04	474923.6	3755689.4	506.1	0.59	5.35
L0006103 0.55 YES	0	0.41667E-04	474912.3	3755691.8	506.2	0.59	5.35
L0006104 0.55 YES	0	0.41667E-04	474901.1	3755694.2	506.2	0.59	5.35
L0006105 0.55 YES	0	0.41667E-04	474889.8	3755696.5	506.2	0.59	5.35
L0006106 0.55 YES	0	0.41667E-04	474878.6	3755698.9	506.2	0.59	5.35
L0006107 0.55 YES	0	0.41667E-04	474867.3	3755701.3	506.2	0.59	5.35
L0006108	0	0.41667E-04	474856.1	3755703.7	506.1	0.59	5.35
L0006109	0	0.41667E-04	474844.8	3755706.0	506.0	0.59	5.35
0.55 YES L0006110	0	0.41667E-04	474833.6	3755708.4	506.0	0.59	5.35
0.55 YES L0006111	0	0.41667E-04	474822.3	3755710.8	506.0	0.59	5.35
0.55 YES L0006112	0	0.41667E-04	474811.1	3755713.2	506.0	0.59	5.35
0.55 YES L0006113 0.55 YES	0	0.41667E-04	474799.8	3755715.5	506.1	0.59	5.35

L0006114 0.55 YES	0	0.41667E-04	474788.5 3755717.9	506.1	0.59	5.35
L0006115	0	0.41667E-04	474777.3 3755720.3	506.2	0.59	5.35
0.55 YES L0006116	0	0.41667E-04	474766.0 3755722.7	506.3	0.59	5.35
0.55 YES L0006117	0	0.41667E-04	474754.8 3755725.0	506.3	0.59	5.35
0.55 YES L0006118	0	0.41667E-04	474743.5 3755727.4	506.4	0.59	5.35
0.55 YES L0006119	0	0.41667E-04	474732.3 3755729.8	506.5	0.59	5.35
0.55 YES L0006120	0	0.41667E-04	474721.0 3755732.2	506.5	0.59	5.35
0.55 YES L0006121	0	0.41667E-04	474709.8 3755734.5	506.4	0.59	5.35
0.55 YES L0006122	0	0.41667E-04	474698.5 3755736.9	506.2	0.59	5.35
0.55 YES L0006123	0	0.41667E-04	474687.3 3755739.3	506.1	0.59	5.35
0.55 YES L0006124	0	0.41667E-04	474676.0 3755741.7	506.1	0.59	5.35
0.55 YES L0006125	0	0.41667E-04	474664.8 3755744.0	506.0	0.59	5.35
0.55 YES L0006126	0	0.41667E-04	474653.5 3755746.4	505.8	0.59	5.35
0.55 YES L0006127	0	0.41667E-04	474642.3 3755748.8	505.5	0.59	5.35
0.55 YES L0006128	0	0.41667E-04	474631.0 3755751.2	505.0	0.59	5.35
0.55 YES L0006129	0	0.41667E-04	474619.8 3755753.5	504.6	0.59	5.35
0.55 YES L0006130	0	0.41667E-04	474608.5 3755755.9	504.4	0.59	5.35
0.55 YES L0006131	0	0.41667E-04	474597.3 3755758.3	504.3	0.59	5.35
0.55 YES L0006132	0		474586.0 3755760.7			5.35
0.55 YES						
L0006133 0.55 YES	0		474574.8 3755763.0		0.59	5.35
L0006134 0.55 YES	0		474563.5 3755765.4	504.3	0.59	5.35
L0006135 0.55 YES	0		474552.3 3755767.8	504.2	0.59	5.35
L0006136 0.55 YES	0	0.41667E-04	474541.0 3755770.2	504.2	0.59	5.35
L0006137 0.55 YES	0	0.41667E-04	474529.7 3755772.5	504.3	0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2042 OPERATION 04/06/22	IS - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(110100)							
L0006138 0.55 YES	0	0.41667E-04	474518.5	3755774.9	504.3	0.59	5.35
L0006139 0.55 YES	0	0.41667E-04	474507.2	3755777.3	504.4	0.59	5.35
L0006140 0.55 YES	0	0.41667E-04	474496.0	3755779.7	504.3	0.59	5.35
L0006141 0.55 YES	0	0.41667E-04	474484.7	3755782.0	504.2	0.59	5.35
L0006142 0.55 YES	0	0.41667E-04	474473.5	3755784.4	504.0	0.59	5.35
L0006143 0.55 YES	0	0.41667E-04	474462.2	3755786.8	503.8	0.59	5.35
L0006144	0	0.41667E-04	474451.0	3755789.1	503.6	0.59	5.35
0.55 YES L0006145	0	0.41667E-04	474439.7	3755791.5	503.5	0.59	5.35
0.55 YES L0006146	0	0.41667E-04	474428.5	3755793.9	503.4	0.59	5.35
0.55 YES L0006147	0	0.41667E-04	474417.2	3755796.3	503.4	0.59	5.35
0.55 YES L0006148	0	0.41667E-04	474406.0	3755798.6	503.3	0.59	5.35
0.55 YES L0006149	0	0.41667E-04	474394.7	3755801.0	503.3	0.59	5.35
0.55 YES L0006150	0	0.41667E-04	474383.5	3755803.4	503.2	0.59	5.35
0.55 YES L0006151	0	0.41667E-04	474372.2	3755805.8	503.2	0.59	5.35
0.55 YES L0006152	0	0.41667E-04	474361.0	3755808.1	503.1	0.59	5.35
0.55 YES L0006153 0.55 YES	0	0.41667E-04	474349.7	3755810.5	503.1	0.59	5.35

L0006154	0	0.41667E-04	474338.5 3755812.9	503.1	0.59	5.35
0.55 YES	α.	0 416675 04	474227 2 27FF01F 2	FA2 0	0 50	F 2F
L0006155 0.55 YES	0	0.41667E-04	474327.2 3755815.3	502.9	0.59	5.35
L0006156	0	0.41667E-04	474316.0 3755817.6	502.8	0.59	5.35
0.55 YES	J	0.4100/1 04	+7+510.0 5755017.0	302.0	0.33	3.33
L0006157	0	0.41667E-04	474304.7 3755820.0	502.6	0.59	5.35
0.55 YES						
L0006158	0	0.41667E-04	474293.5 3755822.4	502.5	0.59	5.35
0.55 YES						
L0006159	0	0.41667E-04	474282.2 3755824.8	502.4	0.59	5.35
0.55 YES						
L0006160	0	0.41667E-04	474270.9 3755827.1	502.3	0.59	5.35
0.55 YES						
L0006161	0	0.41667E-04	474259.7 3755829.5	501.6	0.59	5.35
0.55 YES						
L0006162	0	0.41667E-04	474248.4 3755831.9	500.3	0.59	5.35
0.55 YES						
L0006163	0	0.41667E-04	474237.2 3755834.3	499.3	0.59	5.35
0.55 YES						
L0006164	0	0.41667E-04	474225.9 3755836.6	498.9	0.59	5.35
0.55 YES						
L0006165	0	0.41667E-04	474214.7 3755839.0	498.6	0.59	5.35
0.55 YES						
L0006166	0	0.41667E-04	474203.4 3755841.4	500.4	0.59	5.35
0.55 YES						
L0006167	0	0.41667E-04	474192.2 3755843.7	502.1	0.59	5.35
0.55 YES						
L0006168	0	0.41667E-04	474180.9 3755846.0	502.6	0.59	5.35
0.55 YES						
L0006169	0	0.41667E-04	474169.6 3755848.4	502.7	0.59	5.35
0.55 YES						
L0006170	0	0.41667E-04	474158.4 3755850.7	502.7	0.59	5.35
0.55 YES	•	0 446675 04	474447 4 2755052 4	500.6	0.50	- 2-
L0006171	0	0.41667E-04	474147.1 3755853.1	502.6	0.59	5.35
0.55 YES	0	0 446675 04	474425 0 2755055 4	502.6	0 50	F 2F
L0006172	0	0.4166/E-04	474135.9 3755855.4	502.6	0.59	5.35
0.55 YES	0	0 416675 04	474124 6 2755057 7	F02 F	0 50	г эг
L0006173	0	0.4166/E-04	474124.6 3755857.7	502.5	0.59	5.35
0.55 YES L0006174	0	0 416675 04	474112 4 27EE060 1	EQ2 4	0.59	5.35
	Ø	0.4100/6-04	474113.4 3755860.1	502.4	0.59	5.55
0.55 YES L0006175	0	0 416675 04	474102.1 3755862.4	502.4	0.59	5.35
	0	0.4100/E-04	4/4102.1 3/33002.4	302.4	0.59	5.35
0.55 YES L0006176	ρ	0 416675 04	474090.8 3755864.8	502.4	0.59	5.35
0.55 YES	0	0.4100/6-04	4/4050.0 3/33004.8	302.4	0.33	٥٠٥٥
L0006177	0	0 416675 04	474079.6 3755867.1	502 4	0.59	5.35
0.55 YES	v	0.4100/6-84	+/+U/J.U J/JOU/.I	JU2.4	0.33	رد.ر
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↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22

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# \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMISSI	EMISSION RATI	Ε		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0006178 0.55 YES	0	0.41667E-04	474068.3	3755869.4	502.4	0.59	5.35
L0006179 0.55 YES	0	0.41667E-04	474057.1	3755871.8	502.3	0.59	5.35
L0006180	0	0.41667E-04	474045.8	3755874.1	502.2	0.59	5.35
L0006181	0	0.41667E-04	474034.5	3755876.5	502.1	0.59	5.35
0.55 YES L0006182	0	0.41667E-04	474023.3	3755878.8	501.8	0.59	5.35
0.55 YES L0006183	0	0.41667E-04	474012.0	3755881.1	501.6	0.59	5.35
0.55 YES L0006184	0	0.41667E-04	474000.8	3755883.5	501.3	0.59	5.35
0.55 YES L0006185	0	0.41667E-04	473989.5	3755885.8	501.0	0.59	5.35
0.55 YES L0006186	0	0.41667E-04	473978.2	3755888.2	500.7	0.59	5.35
0.55 YES L0006187	0	0.41667E-04	473967.0	3755890.5	500.4	0.59	5.35
0.55 YES L0006188	0	0.41667E-04	473955.7	3755892.8	500.2	0.59	5.35
0.55 YES L0006189	0	0.41667E-04	473944.5	3755895.2	499.9	0.59	5.35
0.55 YES L0006190	0	0.41667E-04	473933.2	3755897.5	499.7	0.59	5.35
0.55 YES L0006191	0	0.41667E-04	473921.9	3755899.9	499.4	0.59	5.35
0.55 YES L0006192	0	0.41667E-04	473910.7	3755902.2	499.2	0.59	5.35
0.55 YES L0006193 0.55 YES	0	0.41667E-04	473899.4	3755904.5	498.9	0.59	5.35

L0006194 0.55 YES	0	0.41667E-04	473888.2 3755906.9	498.6	0.59	5.35
L0006195	0	0.41667E-04	473876.9 3755909.2	498.3	0.59	5.35
0.55 YES L0006196	0	0.41667E-04	473865.6 3755911.6	498.0	0.59	5.35
0.55 YES	Ü	0.120072 01	173003.0 3733311.0	150.0	0.33	3.33
L0006197	0	0.41667E-04	473854.4 3755913.9	497.7	0.59	5.35
0.55 YES L0006198	0	0.41667E-04	473843.1 3755916.2	497.4	0.59	5.35
0.55 YES	Ū	0.41007L-04	4/3043.1 3/33910.2	437.4	0.55	2.33
L0006199	0	0.41667E-04	473831.9 3755918.6	497.2	0.59	5.35
0.55 YES	0	0 416675 04	473030 6 3755030 0	406.0	0 50	F 25
L0006200 0.55 YES	0	0.41667E-04	473820.6 3755920.9	496.9	0.59	5.35
L0006201	0	0.41667E-04	473809.3 3755923.3	496.6	0.59	5.35
0.55 YES						
L0006202	0	0.41667E-04	473798.1 3755925.6	496.2	0.59	5.35
0.55 YES L0006203	0	0.41667E-04	473786.8 3755927.9	495.9	0.59	5.35
0.55 YES	Ü	0.120072 01	173700.0 3733327.3	155.5	0.33	3.33
L0006204	0	0.41667E-04	473775.6 3755930.3	495.5	0.59	5.35
0.55 YES	0	0 416675 04	472764 2 2755022 6	405.2	0 50	F 2F
L0006205 0.55 YES	0	0.41667E-04	473764.3 3755932.6	495.2	0.59	5.35
L0006206	0	0.41667E-04	473753.1 3755935.0	494.9	0.59	5.35
0.55 YES						
L0006207	0	0.41667E-04	473741.8 3755937.3	494.5	0.59	5.35
0.55 YES L0006208	0	0.41667E-04	473730.5 3755939.6	494.2	0.59	5.35
0.55 YES	Ū	0.120072 01	173730.3 3733333.0	131.2	0.33	3.33
L0006209	0	0.41667E-04	473719.3 3755942.0	493.8	0.59	5.35
0.55 YES	0	0 416675 04	472700 0 2755044 2	402.4	0 50	F 2F
L0006210 0.55 YES	0	0.41667E-04	473708.0 3755944.3	493.4	0.59	5.35
L0006211	0	0.41667E-04	473696.8 3755946.7	493.0	0.59	5.35
0.55 YES						
L0006212 0.55 YES	0	0.41667E-04	473685.5 3755949.0	492.6	0.59	5.35
L0006213	0	0.41667E-04	473674.2 3755951.3	492.2	0.59	5.35
0.55 YES	-					
L0006214	0	0.41667E-04	473663.0 3755953.7	491.7	0.59	5.35
0.55 YES L0006215	0	0 /1667F <sub>-</sub> 0/	473651.7 3755956.0	491.2	0.59	5.35
0.55 YES	Ū	0.41007L-04	4/3031./ 3/33930.0	491.2	0.55	رد.د
L0006216	0	0.41667E-04	473640.5 3755958.4	491.0	0.59	5.35
0.55 YES	•	0 446675 04	473630 2 3755060 7	400 7	0 50	
L0006217 0.55 YES	0	0.4166/E-04	473629.2 3755960.7	490./	0.59	5.35
↑ *** AERMOD	- VERSIO	ON 21112 *** ***	*** 2042 OPERATIO 04/06/22	NS - AUTO T	OG	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

***	VOLUME	SOURCE	DATA	***
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TAITT LIDDAN		EMISSION RATE	E		BASE	RELEASE	INIT.
INIT. URBAN		(GRAMS/SEC)	Χ	٧	FL FV	HETGHT	SY
S7 SOURCE	SCAL AR	VΔRV					
ID	CATS.	VAICE	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0006218	0	0.41667E-04	473617.9	3755963.0	490.2	0.59	5.35
0.55 YES							
L0006219	0	0.41667E-04	473606.7	3755965.4	489.4	0.59	5.35
0.55 YES L0006220	0	0.41667E-04	172EQE 1	2755067 7	100 7	0 50	5.35
0.55 YES	V	0.4100/E-04	4/3333.4	3/3330/./	400.7	0.33	3.33
L0006221	0	0.41667E-04	473584.2	3755970.1	488.1	0.59	5.35
0.55 YES							
L0006222	0	0.41667E-04	473572.9	3755972.4	487.5	0.59	5.35
0.55 YES	•	0 446675 04	472564 6	2755074 7	407.4	0 50	5 25
L0006223 0.55 YES	0	0.41667E-04	4/3561.6	3/559/4./	487.1	0.59	5.35
L0006224	0	0.41667E-04	473550.4	3755977.1	486.8	0.59	5.35
0.55 YES						0.00	
L0006225	0	0.41667E-04	473539.1	3755979.4	486.4	0.59	5.35
0.55 YES							
L0006226	0	0.41667E-04	473527.9	3755981.8	486.1	0.59	5.35
0.55 YES  ↑ *** AERMOD -	VEDCTO	M 21112 ***	*** 2042	ODEDATIO	NC ALITO	TOC	
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*** AERMET -	VERSION						
			14:25:53				

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

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

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                                 *** 2042 OPERATIONS - AUTO TOG
                                  04/06/22
*** AERMET - VERSION 16216 ***
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                                 PAGE 17
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                                  04/06/22
*** AERMET - VERSION 16216 ***
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                                 14:25:53
                                 PAGE 18
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                                          *** SOURCE IDS DEFINING SOURCE GROUPS ***
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                               04/06/22
 *** AERMET - VERSION 16216 ***
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L0006199
          , L0006200
           L0006202
                      , L0006203
                                   , L0006204
                                               , L0006205
                                                            , L0006206
L0006207
          , L0006208
                     , L0006209
                                               , L0006213
                     , L0006211
                                                            , L0006214
           L0006210
                                  , L0006212
          , L0006216 , L0006217
L0006215
                     , L0006219
                                  , L0006220 , L0006221 , L0006222
          L0006218
          , L0006224
                      , L0006225
L0006223
           L0006226
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
                    16216 *** ***
*** AERMET - VERSION
                              14:25:53
                              PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
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URBAN ID	URBAN POP	SOURCE IDS				
L0005702 L0005705	2189641. , L0005703	L0005698 , , L0005704	L0005699	, L0005700	, L0005701	,
L0005711	L0005706 , L0005712	, L0005707 , L0005713	, L0005708	, L0005709	, L0005710	,
L0005719	L0005714 , L0005720	, L0005715 , L0005721	, L0005716	, L0005717	, L0005718	J
L0005727	L0005722 , L0005728	, L0005723 , L0005729	, L0005724	, L0005725	, L0005726	,
L0005735	L0005730 , L0005736	, L0005731 , L0005737	, L0005732	, L0005733	, L0005734	J
L0005743	L0005738 , L0005744	, L0005739 , L0005745	, L0005740	, L0005741	, L0005742	,
L0005751	L0005746 , L0005752	, L0005747 , L0005753	, L0005748	, L0005749	, L0005750	,
L0005759	L0005754 , L0005760	, L0005755 , L0005761	, L0005756	, L0005757	, L0005758	J
L0005767	L0005762 , L0005768	, L0005763 , L0005769	, L0005764	, L0005765	, L0005766	J
L0005775	L0005770 , L0005776	, L0005771 , L0005777	, L0005772	, L0005773	, L0005774	J
L0005783	L0005778 , L0005784	, L0005779 , L0005785	, L0005780	, L0005781	, L0005782	J
L0005791	L0005786 , L0005792	, L0005787 , L0005793	, L0005788	, L0005789	, L0005790	J
L0005799	L0005794 , L0005800	, L0005795 , L0005801	, L0005796	, L0005797	, L0005798	,
L0005807	L0005802 , L0005808	, L0005803 , L0005809	, L0005804	, L0005805	, L0005806	,

			DACE	. 24			
			*** 14:2	25:53			
*	*** AERMET	- VERSION	16216 *** ***	:			
			*** 04	/06/22			
<b>^</b>	*** AERMO	D - VERSION	-	=	TIONS - AUTO TO	G	
Le	005855	, L0005856		,	,	•	,
		L0005850	, L0005851	, L0005852	, L0005853	, L0005854	į
Le	0005847	, L0005848	, L0005849	,			
		L0005842	, L0005843	, L0005844	, L0005845	, L0005846	,
Lť	660600	, 60003040	, 10003041	,			
10	005839	L0005834 , L0005840	, L0005835 , L0005841	, L0005836	, L0005837	, L0005838	,
			10005035	10005036		10005030	
Le	0005831	, L0005832		,	-	-	,
		L0005826	, L0005827	, L0005828	, L0005829	, L0005830	į
L0	9005823	, L0005824	, L0005825	,			
		L0005818	, L0005819	, L0005820	, L0005821	, L0005822	,
Le	CIOCOOL	, 10003810	, 10003817	,			
10	005815	L0005810 , L0005816	, L0005811 , L0005817	, L0005812	, L0005813	, L0005814	,
		10005910	1 0005011	10005012	10005012	10005011	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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URBAN ID	URBAN POP			SOURCE IDs	
L0005863	L0005858 , L0005864	, L0005859 , L0005865	, L0005860 ,	, L0005861 , L0005862	,
L0005871	L0005866 , L0005872	, L0005867 , L0005873	, L0005868	, L0005869 , L0005870	,
L0005879	L0005874 , L0005880	, L0005875 , L0005881	, L0005876	, L0005877 , L0005878	y
L0005887	L0005882 , L0005888	, L0005883 , L0005889	, L0005884	, L0005885 , L0005886	y
L0005895	L0005890 , L0005896	, L0005891 , L0005897	, L0005892	, L0005893 , L0005894	,
	L0005898	, L0005899	, L0005900	, L0005901 , L0005902	,

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L0005903
          , L0005904
                       , L0005905
            L0005906
                        , L0005907
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                                                     , L0005909
                                                                   , L0005910
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L0005911
            , L0005912
            L0005914
                         , L0005915
                                       , L0005916
                                                     , L0005917
                                                                   , L0005918
L0005919
           , L0005920
                         , L0005921
            L0005922
                         , L0005923
                                       , L0005924
                                                     , L0005925
                                                                   , L0005926
                        , L0005929
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            , L0005928
                                                     , L0005933
                                                                   , L0005934
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                                       , L0005932
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                         , L0005939
                                       , L0005940
                                                     , L0005941
                                                                   , L0005942
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            L0005946
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                                       , L0005948
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                                                                   , L0005958
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                                       , L0005972
                                                     , L0005973
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            L0005978
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                                       , L0005988
                                                     , L0005989
                                                                   , L0005990
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                                                                   , L0005998
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            L0006002
                        , L0006003
                                       , L0006004
                                                                   , L0006006
                         , L0006009
L0006007
            , L0006008
            L0006010
                         , L0006011
                                       , L0006012
                                                     , L0006013
                                                                   , L0006014
                         , L0006017
           , L0006016
L0006015
↑ *** AERMOD - VERSION 21112 ***
                                    *** 2042 OPERATIONS - AUTO TOG
                                   04/06/22
                     16216 ***
 *** AERMET - VERSION
                                  14:25:53
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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URBAN ID	URBAN POP			SOURCE IDS	
L0006023	L0006018 , L0006024	, L0006019 , L0006025	, L0006020	, L0006021 ,	L0006022 ,
L0006031	L0006026 , L0006032	, L0006027 , L0006033	, L0006028	, L0006029 ,	L0006030 ,
L0006039	L0006034 , L0006040	, L0006035 , L0006041	, L0006036	, L0006037 ,	L0006038 ,
L0006047	L0006042 , L0006048	, L0006043 , L0006049	, L0006044	, L0006045 ,	L0006046 ,
L0006055	L0006050 , L0006056	, L0006051 , L0006057	, L0006052	, L0006053 ,	L0006054 ,
L0006063	L0006058 , L0006064	, L0006059 , L0006065	, L0006060	, L0006061 ,	L0006062 ,
L0006071	L0006066 , L0006072	, L0006067 , L0006073	, L0006068	, L0006069 ,	L0006070 ,
L0006079	L0006074 , L0006080	, L0006075 , L0006081	, L0006076	, L0006077 ,	L0006078 ,
L0006087	L0006082 , L0006088	, L0006083 , L0006089	, L0006084	, L0006085 ,	L0006086 ,
L0006095	L0006090 , L0006096	, L0006091 , L0006097	, L0006092	, L0006093 ,	L0006094 ,
L0006103	L0006098 , L0006104	, L0006099 , L0006105	, L0006100	, L0006101 ,	L0006102 ,
L0006111	L0006106 , L0006112	, L0006107 , L0006113	, L0006108	, L0006109 ,	L0006110 ,
L0006119	L0006114 , L0006120	, L0006115 , L0006121	, L0006116	, L0006117 ,	L0006118 ,
L0006127	L0006122 , L0006128	, L0006123 , L0006129	, L0006124	, L0006125 ,	L0006126 ,

L0006135	L0006130 , L0006136	, L000613 , L00061	-	132 , L00061	33 , L0006134	,
L0006143	L0006138 , L0006144	, L000613 , L00061	•	. L00061	41 , L0006142	,
L0006151	L0006146 , L0006152	, L000614 , L00061	•	. L00061	49 , L0006150	,
L0006159	L0006154 , L0006160	, L000615 , L00061	•	. L00061	57 , L0006158	,
L0006167	L0006162 , L0006168	, L000616 , L00061	-	164 , L00061	55 , L0006166	,
L0006175	L0006170 , L0006176	, L00061	77,	•	•	,
*** AERMO	- VERSION	*** 16216 ***	04/06/22 ***	PERATIONS - AUT	O TOG	
			14:25:53 PAGE 23			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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URBAN ID	URBAN POP			SOURCE IDS	
	L0006178	, L0006179	, L0006180	, L0006181 , L0006182	,
L0006183	, L0006184	, L0006185	,		
L0006191	L0006186 , L0006192	, L0006187 , L0006193	, L0006188	, L0006189 , L0006190	,
L0006199	L0006194 , L0006200	, L0006195 , L0006201	, L0006196 ,	, L0006197 , L0006198	y
L0006207	L0006202 , L0006208	, L0006203 , L0006209	, L0006204	, L0006205 , L0006206	,
L0006215	L0006210 , L0006216	, L0006211 , L0006217	, L0006212	, L0006213 , L0006214	,
	L0006218	, L0006219	, L0006220	, L0006221 , L0006222	,

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L0006226
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
*** AERMET - VERSION
                    16216 ***
                              ***
                              14:25:53
                              PAGE 24
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                     *** X-COORDINATES OF GRID ***
                                              (METERS)
      474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0,
474796.0,
                                     *** Y-COORDINATES OF GRID ***
                                              (METERS)
     3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6,
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                      ***
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                              14:25:53
                              PAGE 25
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS)
               474691.04 474706.04 474721.04
                                                   474736.04
                                                               474751.04
474766.04 474781.04 474796.04
                   497.50
                                          497.30
                                                     497.10
 3755633.62
                               497.60
                                                                 497.00
                   496.60
 497.00
            497.00
 3755618.62
                   496.90
                               497.10
                                          497.10 497.00 496.90
           497.10 495.90
                   496.70
 3755603.62
                              497.00
                                          497.00
                                                      497.00
                                                                 497.00
```

L0006223 , L0006224 , L0006225 ,

497.20 497.10 495.46 3755588.62   496.60 497.30 497.10 495.16 3755573.62   496.40 497.20 496.90 494.76  ★ *** AERMOD - VERSION 21112 ***  ***  ***  *** AERMET - VERSION 16216 ***  ***	496.90 496.70 *** 2042 OF 04/06/22 ***	496.80	497.00	
*** MODELOPTs: RegDFAULT CONC		I ADJ_U* :D: UCART1 ;	NETWORK TYP	PE: GRIDCART
		* HILL HEIGH	IT SCALES IN M	IETERS *
Y-COORD   (METERS)   474691.04 47 474766.04 474781.04 474796.0		<b>'</b> 4721.04 47	X-COORD (ME /4736.04 47	TERS) 4751.04
3755633.62   789.90 789.90 789.90 789.90	)			789.90
3755618.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755603.62   789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755588.62   789.90		789.90	789.90	789.90
789.90 789.90 789.90 3755573.62   789.90 789.90 789.90 789.90	789.90	789.90	789.90	789.90
*** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***  ***	*** 2042 OF 04/06/22 *** 14:25:53	PERATIONS - AU	JTO TOG	
*** MODELOPTs: RegDFAULT CONC	PAGE 27 C ELEV URBAN	I ADJ_U*		
	*** GR]	DDED RECEPTOR	NETWORK SUMM	IARY ***
***	*** NETWORK ]	D: UCART2 ;	NETWORK TYP	PE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

474790.5, 474805.5, 474820.5, 474835.5, 474850.5, 474865.5, 474880.5, 474895.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755561.1, 3755576.1, 3755591.1, 3755606.1,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS) 474865.51	   474   474880.51		474805.51 .51	474820.51	X-COORD 474835.51	` '
3755606.07	1	496.10	494.50	493.70	493.20	493.20
493.30	493.40	493.	60			
3755591.07		495.90	494.00	493.30	492.90	492.90
492.90	492.90	492.	70			
3755576.07	1	495.60	493.50	493.00	492.60	492.70
492.70	492.60	492.	10			
3755561.07	1	495.20	493.10	492.70	492.40	492.50
492.50	492.40	492.	10			

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* **14:25:5**3

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 474790.51 474805.51 474820.51 474835.51 474850.51 474865.51 474880.51 474895.51

		 -		
3755606.07   789.90 789.90 789.90 7		789.90	789.90	789.90
3755591.07   789.90 789.90 789.90 7	789.90 '89.90			789.90
3755576.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
3755561.07   789.90 789.90 789.90 7	789.90	789.90	789.90	789.90
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216	*** *** 2042 ( 04/06/22	PERATIONS -	AUTO TOG	
*** MODELOPTs: RegDFAULT	PAGE 30	N ΔD7 II*		
PIODELOFTS. REGULACET		IDDED RECEPTO	OD NETWORK SI	IMMΛDV ***
				YPE: GRIDCART
***	WWW NETWORK	ID: UCARTS	, NEIWORK I	YPE: GRIDCARI
	***	X-COORDINATE: (METER:		•
474800.9, 474815.9,				
	***	Y-COORDINATE: (METER:		:
3755608.3, 3755623.3,	*** *** 2042 (	DEDATIONS	AUTO TOC	
*** AERMOD - VERSION 21112  ***	04/06/22	PERATIONS -	AUTO TOG	
*** AERMET - VERSION 16216 ***	14:25:53			
*** MODELOPTs: RegDFAULT	PAGE 31 CONC ELEV URBA	.N ADJ_U*		
***	*** NETWORK	ID: UCART3	; NETWORK T	YPE: GRIDCART
		* ELEVATION	N HEIGHTS IN	METERS *
Y-COORD   (METERS)   474800.90	474815.90		X-COORD (	METERS)
			·	<b></b>

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3755623.35 | 495.80 495.20
 3755608.35
                   495.00
                               494.00
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               14:25:53
                               PAGE 32
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                               *** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART
***
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                474800.90 474815.90
 3755623.35
                   789.90
                                789.90
 3755608.35
                   789.90
                               789.90
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                     ***
                               14:25:53
                               PAGE 33
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                       *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                              14:25:53
```

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART \*\*\* \* ELEVATION HEIGHTS IN METERS \* Y-COORD X-COORD (METERS) (METERS) | 474820.81 474835.81 

 3755622.54 |
 495.00
 494.80

 3755607.54 |
 493.70
 493.20

 ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:25:53 PAGE 35 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) | 474820.81 474835.81 3755622.54 | 789.90 3755607.54 | 789.90 789.90 789.90 789.90 789.90 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:25:53 PAGE 36 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

	(1121213)
3755600.4, 3755615.4, ↑ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***	*** *** 2042 OPERATIONS - AUTO TOG
*** MODELOPTs: RegDFAULT (	PAGE 37 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD   (METERS)   474838.93	X-COORD (METERS) 474853.93
3755615.41   493.60 3755600.41   493.10 ↑ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***	493.10 *** *** 2042 OPERATIONS - AUTO TOG 04/06/22
*** MODELOPTs: RegDFAULT (	PAGE 38 CONC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   474838.93	X-COORD (METERS) 474853.93
3755615.41   789.90 3755600.41   789.90 ↑ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***	789.90 789.90 *** *** 2042 OPERATIONS - AUTO TOG 04/06/22 ** ***

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

474857.7, 474872.7,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755596.5, 3755611.5,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD X-COORD (METERS)

(METERS) | 474857.73 474872.73

-----

3755611.53 | 493.30 493.50

3755596.53 493.00 493.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) 474857.73 474872.73 3755611.53 789.90 789.90 3755596.53 789.90 789.90 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* 2042 OPERATIONS - AUTO TOG 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 14:25:53 PAGE 42 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*
(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755313.7, 3755333.7,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD | X-COORD (METERS) | 475108.79 475128.79 475148.79 475168.79 475188.79

2755222 70	402.70	402.00	402.20	402 40	402.00
402 20	493.70 493.70 494.7				
493.30 2755212 70	493.70 494.7	496.20	192 00	192 00	192 10
402 00	402 10 402 C	0 404.40			
3755293 70 l	493.10 493.6	492 20	491 80	491 70	492 00
492.40	492.60 492.9	0 493.40	132.00	151.70	132.00
3755273.70	492.90	492.10	491.60	491.50	491.70
492.00	492.30 492.6	0 493.10			
3755253.70	492.60	492.00	491.60	491.40	491.50
491.80	492.20 492.6	0 493.20			
	492.30			491.40	491.40
	492.20 492.7				
	492.00			491.60	491.50
491.80	492.20 492.8 492.00	493.40	402.00	404 00	404 70
404 00	400 00 400 0	0 400 00			
491.00 2755172 70	492.30 492.8	493.30	102 10	102 00	401 70
401 OA	402 20 402 7	a 100 10			
3755153.70 J	492.30 492.7	492.10	492.10	492.00	491.70
491.90	492.20 492.5	0 492.90	.52.20	152.00	.52170
↑ *** AERMOD	492.20 492.5 - VERSION 21112 ***	*** 2042 OP	ERATIONS - AU	TO TOG	
	***	04/06/22			
*** AERMET -	VERSION 16216 ***	***			
	***	14:25:53			
de de de la companya		PAGE 44			
*** MODELOPTS	: RegDFAULT CON	C ELEV URBAN	ADJ_U*		
		*** NETLIODI/ TI	D. UCARTZ .	NETHODIC TVI	OF. CRIDCARI
***		*** NETWORK I	J: UCARI/ ;	NETWORK TY	PE: GRIDCARI
			* ELEVATION	HEIGHTS IN MI	ETERS *
Y-COORD				X-COORD (MI	ETERS)
(METERS)	475288.79			•	•
3755333.70	496.60				
3755313.70	494.90				
3755293.70	494.00				
3755273.70	493.80				
3755253.70	493.90				
3755233.70	493.90				
3755213.70	493.90				
3755193.70	493.70				

475208.79 475228.79 475248.79 475268.79

3755173.70 | 493.50 3755153.70 | 493.40

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* **14:25:53** 

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

### \* HILL HEIGHT SCALES IN METERS \*

X-COORD (METERS)

475208.79	475330 70		475360	70		473100.73
				-		
3755333.70	l	789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.	90		
3755313.70	1	789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.	90		
3755293.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.	90		
3755273.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.	90		
3755253.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.	90		
3755233.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.	90		
3755213.70		789.90	789.90	789.90	789.90	789.90
		789.90				
3755193.70		789.90	789.90	789.90	789.90	789.90
		789.90				
3755173.70		789.90	789.90	789.90	789.90	789.90
		789.90				
					789.90	789.90
789.90 <b>↑</b> *** AERMOD	789.90	789.90	789.	90		
★ *** AERMOD					- AUTO TOG	
		***				
*** AERMET -	VERSION	16216 ***	***			

(METERS) | 475108.79 475128.79 475148.79 475168.79

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14:25:53

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

#### \* HILL HEIGHT SCALES IN METERS \*

```
Y-COORD |
                                                           X-COORD (METERS)
   (METERS)
                475288.79
 3755333.70
                    789.90
 3755313.70
                    789.90
 3755293.70
                    789.90
 3755273.70
                    789.90
 3755253.70
                    789.90
 3755233.70
                    789.90
 3755213.70
                    789.90
 3755193.70
                    789.90
 3755173.70
                    789.90
 3755153.70
                    789.90
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                       ***
                                 04/06/22
                                ***
*** AERMET - VERSION 16216 ***
                                14:25:53
                                PAGE 47
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART
                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)
      475151.6, 475171.6, 475191.6, 475211.6, 475231.6, 475251.6, 475271.6,
475291.6, 475311.6, 475331.6,
      475351.6, 475371.6,
                                        *** Y-COORDINATES OF GRID ***
                                                 (METERS)
     3755338.3, 3755358.3, 3755378.3, 3755398.3,
 *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                14:25:53
                                PAGE 48
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
```

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

## \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

				/ COO!!	(
(METERS)   475251.63 47527	475151.63 47 71.63 475291.6			475211.63	475231.63
			-		
3755398.30	497.20	497.00	496.70	496.70	497.40
	7.90 497.70				
3755378.30	495.90	495.60	495.20	495.30	496.30
497.30 497	7.80 497.60	497.4	9		
3755358.30	494.40	494.20	493.80	494.10	495.20
496.40 497	7.40 497.30	496.9	9		
3755338.30	492.60	492.70	493.00	493.50	494.00
495.20 496	5.60 496.90	496.3	9		
↑ *** AERMOD - VEI				AUTO TOG	
	***	04/06/22			
*** AERMET - VERS	SION 16216 ***	***			
	***	14:25:53			
		PAGE 49			
*** MODEL ODT	D DEALUT CONC	_	N ADJ 114		

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

### \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475331.63	475351.63	475371.63	X-COORD (METERS)	

497.60	497.70	497.90
497.20	497.20	497.60
496.70	496.80	497.30
496.00	496.30	497.10
	497.20 496.70	497.20       497.20         496.70       496.80

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

	* HILL HEIGH	HT SCALES IN	I METERS *
Y-COORD   (METERS)   475151.63 475171.63 47 475251.63 475271.63 475291.63 475311.6	5191.63 47	X-COORD ( 75211.63	(METERS) 475231.63
	- 		
3755398.30   789.90 789.90	789.90	789.90	789.90
789.90 789.90 789.90 789.90			
3755378.30   789.90 789.90	789.90	789.90	789.90
790 00 790 00 790 00 790 00			
3755358.30   789.90 789.90	789.90	789.90	789.90
789.90 789.90 789.90 789.90	703.30	703.30	703.30
3755338.30   789.90 789.90		789 90	789 90
780 00 780 00 780 00 780 00	765.50	705.50	765.50
789.90 789.90 789.90 789.90 ↑ *** AERMOD - VERSION 21112 *** *** 2042 OP	EDATTONS _ AI	ITO TOG	
*** 04/06/22	EKATIONS - A	010 100	
*** AFRMET VERSTON 16316 *** ***			
*** AERMET - VERSION 16216 *** ***  *** 14:25:53			
14:25:53			
DACE E1			
PAGE 51	4D7 114		
*** MODELOPTs: RegDFAULT CONC ELEV URBAN	ADJ_U*		
*** NETHORY T	D. UCADTO	NETHODIC	VDE CDIDGADI
*** NEIWORK I	D: UCART8	NETWORK I	YPE: GRIDCART
***			
	* HILL HEIGH	HT SCALES IN	I METERS *
Y-COORD		X-COORD (	METERS)
(METERS)   475331.63 475351.63 47	5371.63		
3755398.30 789.90 789.90	789.90		
3755378.30 789.90 789.90	789.90		
3755358.30   789.90 789.90	789.90		
3755338.30   789.90 789.90	789.90		
↑ *** AERMOD - VERSION 21112 *** *** 2042 OP	ERATIONS - A	JTO TOG	
*** 04/06/22			
*** AERMET - VERSION 16216 *** ***			
*** 14:25:53			

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14:25:53

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

<sup>\*\*\*</sup> GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755404.0, 3755424.0, 3755444.0,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COOR	RD (METERS)
(METERS)	475185	.62 475205.6	475225.62	2 475245.62	475265.62
475285.62	475305.62	475325.62	175345.62		
3755444.04	496	.90 497.1	10 497.40	9 497.80	498.10

498.40 498.50 498.30 498.50 3755424.04 | 497.00 497.20 497.40 497.80 498.00 498.10 498.10 498.20 498.20 3755404.04 496.90 496.80 497.20 497.80 497.90 497.80 497.70 497.70 497.80

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* **14:25:53** 

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

\*\*\*

# \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475365.62	X-COORD (METERS)
3755444.04   498.50 3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 ***	* *** 2042 OPERATIONS - AUTO TOG    04/06/22    *** 14:25:53
*** MODELOPTs: RegDFAULT CON	PAGE 55 NC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD   (METERS)   475185.62 4 475285.62 475305.62 475325	X-COORD (METERS) 475205.62 475225.62 475245.62 475265.62 62 475345.62
3755444.04   789.90 789.90 789.90 789.9	789.90 789.90 789.90 789.90
3755424.04   789.90 789.90 789.90	789.90 789.90 789.90 789.90
3755404.04   789.90	789.90 789.90 789.90 789.90
	789.90 * *** 2042 OPERATIONS - AUTO TOG 04/06/22 *** 14:25:53
*** MODELOPTs: RegDFAULT COM	PAGE 56 NC ELEV URBAN ADJ_U*
***	*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART
	* HILL HEIGHT SCALES IN METERS *
Y-COORD	X-COORD (METERS)

```
(METERS) | 475365.62
                789.90
789.90
 3755444.04
 3755424.04
 3755404.04
                  789.90
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                    ***
                              14:25:53
                              PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755450.2, 3755470.2, 3755490.2,
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              14:25:53
                              PAGE 58
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS) |
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
 3755490.18 | 497.30 497.80 498.20 498.60 499.00
 499.10 499.20
```

3755470.18   498.90 49	497 <b>.</b> 40 8.90	497.80	498.20	498.50	498.80
3755450.18	497.50	497.90	498.20	498.40	498.50
498.60 49 ★ *** AERMOD - VE *** AERMET - VER	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** MODELOPTs:	RegDFAULT COM	PAGE 59 IC ELEV URE	BAN ADJ_U*		
***		*** NETWORK	( ID: UCART12	; NETWORK	TYPE: GRIDCART
			* HILL HEI	GHT SCALES IN	N METERS *
Y-COORD   (METERS)   475330.47 4753	475230.47 4 50.47	75250.47	475270.47	X-COORD ( 475290.47	
3755490.18   789.90 78	789.90 9.90	789.90	789.90	789.90	789.90
3755470.18   789.90 78	789.90	789.90	789.90	789.90	789.90
3755450.18   789.90 78	789.90	789.90	789.90	789.90	789.90
♠ *** AERMOD - VE	RSION 21112 ***	04/06/22	OPERATIONS -	AUTO TOG	
*** AERMET - VER	SION 16216 *** ***	*** 14:25:53			
*** MODELOPTs:	RegDFAULT COM	PAGE 60 IC ELEV URE	BAN ADJ_U*		
		*** (	GRIDDED RECEPT	OR NETWORK SU	JMMARY ***
***		*** NETWORK	( ID: UCART13	; NETWORK	TYPE: GRIDCART
		***	X-COORDINATE		*
475254.8,	475274.8, 4752	94.8, 47531	14.8, 475334.	8,	
		***	Y-COORDINATE	S OF GRID ***	<b>k</b>

(METERS)

```
3755493.8, 3755513.8,
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG

*** 04/06/22
*** AERMET - VERSION 16216 *** ***
                              14:25:53
                              PAGE 61
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                          * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                      X-COORD (METERS)
   (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84
 3755513.80 498.20 498.70 499.10 499.40
                                                              499.50
                                         498.80
 3755493.80
                  498.00
                             498.40
                                                     499.10
                                                                499.20
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                              14:25:53
                              PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                              *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
                                          * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                      X-COORD (METERS)
               475254.84 475274.84 475294.84 475314.84 475334.84
   (METERS)
                  789.90
                                                                 789.90
 3755513.80
                             789.90
                                          789.90
                                                     789.90
 3755493.80 | 789.90
                              789.90
                                          789.90
                                                     789.90
                                                                 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              14:25:53
                              PAGE 63
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
```

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6, ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:25:53

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	VERSION 21112	*** *** 2042	OPERATIONS	- AUTO TOG	
	***	04/06/22			
*** AERMET -	VERSION 16216	*** ***			
	***	14:25:53			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> HILL HEIGHT SCALES IN METERS \*

Y-COORD   (METERS)	475293.48 	475313.48 	475333.48 		(METERS) 475373.48
3755332.63	789.90	789.90	789.90	789.90	789.90
3755312.63	789.90	789.90	789.90	789.90	789.90
3755292.63	789.90	789.90	789.90	789.90	789.90
3755272.63	789.90	789.90	789.90	789.90	789.90
3755252.63	789.90	789.90	789.90	789.90	789.90
3755232.63	789.90	789.90	789.90	789.90	789.90
3755212.63	789.90	789.90	789.90	789.90	789.90
★ *** AERMOD -			2 OPERATIONS	- AUTO TOG	
	***	04/06/2	2		
*** AERMET - V					
	***	14:25:53			
		PAGE 66			
*** MODELOPTs:	RegDFAULT	CONC ELEV U	RBAN ADJ_U*		
			*** METEOROLO	OGICAL DAYS SE	ELECTED FOR
PROCESSING ***				<b>.</b>	
				(1=YES;	; 0=NO)
	. 1 1 1 1 1 1 1		11111	111111	1 1 1 1 1 1
1111111	1111111				
	. 1 1 1 1 1 1 1		11111	111111	111 111
1111111	1111111				
	. 1 1 1 1 1 1 1		11111	111111	111 111
1111111	1111111				
	. 1 1 1 1 1 1 1		11111	111111	111 111
1111111	1111111				
	. 1 1 1 1 1 1 1		11111	111111	1 1 1 1 1 1
1111111					
	. 1 1 1 1 1 1 1		11111	111111	111 111
1111111	1111111		11111		111 111
	. 1 1 1 1 1 1 1		11111	111111	111 111
1111111	1111111				
1 1	. 1 1 1 1 1 1 1	1 11111			

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)

10.80,

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 14:25:53

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RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs:

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

DATA \*\*\*

Surface file: PERI V9 ADJU\PERI V9.SFC

Met Version: 16216

Profile file: PERI V9 ADJU\PERI V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

> Name: UNKNOWN Name: UNKNOWN

2010 Year: Year: 2010

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 . . . . . . . . . . . . . . . . . . . 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 10 01 01 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 142. 9.1 280.9 5.5 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 324. 9.1 280.4 5.5 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 294. 9.1 278.8 5.5 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 10 01 01 0.61 0.90 205. 9.1 278.1 1.00 5.5 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 10 01 01 0.61 0.40 3. 9.1 277.0 5.5 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 10 01 01 0.61 1.30 99. 9.1 277.0 1.00 5.5 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.61 0.54 0.90 319. 9.1 278.8 5.5 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 10 01 01 1 09 0.61 0.90 239. 9.1 284.2 5.5 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61

```
0.26 0.40 188. 9.1 289.2 5.5
10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19
                                                               0.61
0.23
      2.70 310. 9.1 290.9 5.5
          1 12 97.1 0.281 1.058 0.008 421.
                                            357.
                                                  -19.7 0.19
10 01 01
                                                               0.61
0.22
      2.20 357. 9.1 293.1
                               5.5
10 01 01 1 13 92.2 0.279 1.117 0.008 523.
                                            354. -20.4 0.19
      2.20 356. 9.1 293.8
                               5.5
10 01 01 1 14 77.6 0.275 1.102 0.008 595.
                                            347.
                                                  -23.2 0.19
                                                               0.61
      2.20 50.
                  9.1 294.2
0.23
                               5.5
                54.9 0.230 1.006 0.008 640.
          1 15
                                            266. -19.2 0.19
10 01 01
                                                               0.61
      1.80 53. 9.1 293.8
0.27
                               5.5
          1 16 12.3 0.206 0.613 0.008 648.
                                            225. -61.5 0.19
10 01 01
                                                               0.61
      1.80 11. 9.1 292.5
                            5.5
          1 17
                -3.6 0.087 -9.000 -9.000 -999. 71.
10 01 01
                                                  15.6 0.19
      0.90 351.
                9.1 290.4
                               5.5
0.64
10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999.
                                             62.
                                                    15.2 0.19
                                                               0.61
      0.90 186. 9.1 287.5
                             5.5
10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62.
                                                    15.2 0.19
                                                               0.61
      0.90 275. 9.1 285.9
1.00
                               5.5
10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999.
                                             39.
                                                    18.1 0.19
                                                               0.61
      0.40 181. 9.1 285.4
                               5.5
10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106.
                                                    21.3 0.19
                                                               0.61
1.00
      1.30 318. 9.1 284.9
                              5.5
          1 22 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
10 01 01
                                                               0.61
      0.90 196. 9.1 283.1
                               5.5
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62.
                                                    15.1 0.19
                                                               0.61
      0.90 330. 9.1 281.4
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106.
                                                    21.2 0.19
1.00
      1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01
             9.1 1 335.
                         1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             14:25:53
                   ***
                             PAGE 68
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0005698 , L0005699
, L0005700
            , L0005701
                       , L0005702
                        , L0005704 , L0005705 , L0005706 , L0005707
              L0005703
```

```
, L0005708 , L0005709 , L0005710
                                  , L0005713 , L0005714 , L0005715
             L0005711
                      , L0005712
           , L0005717
                      , L0005718
, L0005716
             L0005719 , L0005720 , L0005721 , L0005722 , L0005723
           , L0005725 , . . .
, L0005724
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
               **
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.23906 0.24561 0.25149 0.25799
                                                            0.26519
0.27318 0.28172 0.28942
 3755618.62 0.21145 0.21665
                                     0.22172
                                               0.22682
                                                            0.23220
0.23861 0.24488 0.24823
 3755603.62 0.19056 0.19487 0.19889
                                                 0.20308
                                                           0.20747
0.21247 0.21711 0.21852
                0.17379 0.17733 0.18060 0.18415
 3755588.62
                                                            0.18785
0.19187 0.19542 0.19596
 3755573.62 0.15976 0.16273
                                      0.16557
                                                 0.16864
                                                            0.17171
0.17489 0.17766 0.17776
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           14:25:53
                           PAGE 69
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
                           ***
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0005698 , L0005699
, L0005700
           , L0005701
                      , L0005702
             L0005703 , L0005704 , L0005705 , L0005706 , L0005707
, L0005708
           , L0005709 , L0005710
             L0005711
                     , L0005712 , L0005713 , L0005714 , L0005715
, L0005716
           , L0005717
                      , L0005718
                      , L0005720 , L0005721 , L0005722 , L0005723
             L0005719
, L0005724
           , L0005725 , . . .
                            *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
```

\*\*

Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895		474820.51	X-COORD ( 474835.51			
3755606.07   0.22227 0.24491 0.25199 0.2598		0.22767	0.23224	0.23826		
3755591.07   0.19912 0.21591 0.22102 0.2259	0.19984	0.20279	0.20645	0.21106		
3755576.07   0.18050	0.18069	0.18333	0.18622	0.19005		
0.19388 0.19772 0.2016 3755561.07   0.16512	0.16521	0.16749	0.16999	0.17313		
*** AERMET - VERSION 16216 ***	*	2 OPERATIONS - 2	AUTO TOG			
*** MODELOPTs: RegDFAULT CON	PAGE 70 NC ELEV UF	RBAN ADJ_U*				
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***						
, L0005700 , L0005701 , L00		, ,	L0005698	, L0005699		
L0005703 . L0	0005704 .	. L0005705	, L0005706	, L0005707		
L0005711 , L0	3005712 ,	, L0005713	, L0005714	, L0005715		
L0005719 , L0005719 , L0	9005720 ,	, L0005721				
, L0005724 , L0005725 , .	,					
GRIDCART ***	*** NETWO	ORK ID: UCART3	; NETWORK	TYPE:		
**	** (	CONC OF TOG	IN MICROGRA	AMS/M**3		
Y-COORD   (METERS)   474800.90 4	174815.90 		X-COORD (	(METERS)		
3755623.35   0.26122 3755608.35   0.22752 ↑ *** AERMOD - VERSION 21112 ***	0.23084	2 OPERATIONS -	· AUTO TOG			

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16216 ***
 *** AERMET - VERSION
                                  14:25:53
                                  PAGE 71
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0005698
                                                                       , L0005699
, L0005700
              , L0005701
                            , L0005702
                 L0005703
                            , L0005704
                                           , L0005705
                                                        , L0005706
                                                                       , L0005707
 L0005708
              , L0005709
                            , L0005710
                            , L0005712
                                           , L0005713
                                                         , L0005714
                                                                       , L0005715
                 L0005711
 L0005716
              , L0005717
                            , L0005718
                L0005719
                            , L0005720
                                           , L0005721
                                                         , L0005722
                                                                       , L0005723
 L0005724
              , L0005725
                                   *** NETWORK ID: UCART4
                                                          ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   474820.81
                                474835.81
  3755622.54
                     0.26700
                                  0.27457
  3755607.54
                     0.23050
                                  0.23522
 *** AERMOD - VERSION 21112
                                    *** 2042 OPERATIONS - AUTO TOG
                                    04/06/22
                       16216 ***
 *** AERMET - VERSION
                                   ***
                       ***
                                  14:25:53
                                  PAGE 72
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                       , L0005699
                                                           L0005698
, L0005700
              , L0005701
                            , L0005702
                            , L0005704
                                           , L0005705
                 L0005703
                                                         , L0005706
                                                                       , L0005707
              , L0005709
 L0005708
                            , L0005710
                            , L0005712
                L0005711
                                           , L0005713
                                                         , L0005714
                                                                       , L0005715
              , L0005717
 L0005716
                            , L0005718
                 L0005719
                            , L0005720
                                           , L0005721
                                                         , L0005722
                                                                       , L0005723
, L0005724
             , L0005725
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04/06/22

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*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS)
                474838.93 474853.93
 3755615.41
                  0.25454
                             0.26197
 3755600.41
                  0.22294
                             0.22843
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                               04/06/22
*** AERMET - VERSION 16216 ***
                              14:25:53
                              PAGE 73
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0005698
                                                               , L0005699
, L0005700
            , L0005701 , L0005702
                                       , L0005705 , L0005706 , L0005707
                         , L0005704
               L0005703
, L0005708
            , L0005709
                        , L0005710
               L0005711
                       , L0005712 , L0005713 , L0005714 , L0005715
           , L0005717
                        , L0005718
, L0005716
                         , L0005720
                                     , L0005721 , L0005722 , L0005723
               L0005719
, L0005724 , L0005725
                               *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS)
               474857.73 474872.73
 3755611.53
                  0.25363
                              0.26157
 3755596.53
                  0.22264
                              0.22834
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                               04/06/22
 *** AERMET - VERSION 16216 *** ***
                     ***
                             14:25:53
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

MODELOPIS. REGULAULI CONC ELEV ORDAN ADJ_O		
*** THE PERIOD ( 43824 HRS) VALUES FOR SOURCE GROUP: ALL  ***	AVERAGE CONC	ENTRATION
INCLUDING SOURCE(S): , L0005700 , L0005701 , L0005702 ,	L0005698	, L0005699
L0005703 , L0005704 , L0005705	, L0005706	, L0005707
	, L0005714	, L0005715
, L0005716 , L0005717 , L0005718 , L0005719 , L0005720 , L0005721	, L0005722	, L0005723
, L0005724 , L0005725 , ,	-	
*** NETWORK ID: UCART7 GRIDCART ***	; NETWORK	TYPE:
** CONC OF TOG **	IN MICROGR	AMS/M**3
y coops I	V 600DD	(METERC)
Y-COORD   (METERS)   475108.79 475128.79 475148.79	X-COORD	(METERS)
(METERS)   475108.79 475128.79 475148.79 475208.79 475228.79 475248.79 475268.79	4/5168./9	4/5188./9
3755333.70   0.08559 0.08592 0.08637	0.08701	0.08774
0.08847 0.08912 0.08996 0.09090		
3755313.70   0.08073 0.08104 0.08145	0.08198	0.08262
0.08322	0.07751	0.07804
0.07858 0.07902 0.07947 0.07994	0.07731	0.07804
3755273.70   0.07262 0.07285 0.07314	0.07352	0.07396
0.07441 0.07483 0.07522 0.07565		
3755253.70   0.06908 0.06934 0.06961	0.06992	0.07029
0.07069 0.07109 0.07147 0.07188		
3755233.70   0.06586 0.06612 0.06640	0.06667	0.06698
0.06733	0.06373	0.06399
0.06431	0.06105	0.06126
0.06151 0.06182 0.06212 0.06239		
3755173.70   0.05779 0.05805 0.05830	0.05852	0.05869
0.05894	0.05617	0.05632
0.05655 0.05677 0.05698 0.05720		
*** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS -	AUTO TOG	
*** 04/06/22 *** AERMET - VERSION 16216 *** ***		
*** 14:25:53		
17.23.33		

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*** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0005698
                                                                       , L0005699
, L0005700
              , L0005701
                            , L0005702
                                           , L0005705
                 L0005703
                            , L0005704
                                                        , L0005706
                                                                       , L0005707
 L0005708
              , L0005709
                            , L0005710
                L0005711
                                           , L0005713
                            , L0005712
                                                        , L0005714
                                                                       , L0005715
              , L0005717
 L0005716
                            , L0005718
                 L0005719
                                           , L0005721
                                                         , L0005722
                            , L0005720
                                                                       , L0005723
 L0005724
              , L0005725
                                   *** NETWORK ID: UCART7
                                                           ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                           IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475288.79
  3755333.70
                     0.09139
  3755313.70 l
                     0.08545
  3755293.70
                     0.08040
  3755273.70
                    0.07609
  3755253.70
                     0.07227
  3755233.70
                     0.06878
  3755213.70
                     0.06559
  3755193.70
                    0.06263
  3755173.70
                     0.05990
  3755153.70
                     0.05741
 *** AERMOD - VERSION 21112
                                    *** 2042 OPERATIONS - AUTO TOG
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                  14:25:53
                                  PAGE 76
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                          L0005698
                                                                       , L0005699
, L0005700
              , L0005701
                            , L0005702
                                           , L0005705 , L0005706
                 L0005703
                            , L0005704
                                                                       , L0005707
, L0005708
              , L0005709
                           , L0005710
```

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L0005711 , L0005712 , L0005713 , L0005714 , L0005715
                      , L0005718
, L0005716
          , L0005717
                       , L0005720 , L0005721 , L0005722 , L0005723
              L0005719
           , L0005725 , . . .
. L0005724
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS)
              475151.63 475171.63 475191.63 475211.63 475231.63
475251.63 475271.63 475291.63 475311.63
 3755398.30 | 0.10929 0.11024 0.11108 0.11200
                                                            0.11319
0.11414 0.11486 0.11535 0.11579
 3755378.30 | 0.10120 0.10194 0.10258 0.10339
                                                            0.10455
0.10562   0.10640   0.10682   0.10715
 3755358.30 | 0.09410 0.09475 0.09527 0.09604
                                                            0.09711
0.09814 0.09900 0.09939 0.09960
 3755338.30 | 0.08776 0.08842
                                      0.08913 0.08988
                                                            0.09058
                      0.09289 0.09300
0.09151
         0.09242
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                    ***
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            14:25:53
                            PAGE 77
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005698 , L0005699
           , L0005701
, L0005700
                       , L0005702
                      , L0005704 , L0005705 , L0005706 , L0005707
              L0005703
, L0005708
           , L0005709 , L0005710
                       , L0005712
                                  , L0005713 , L0005714 , L0005715
              L0005711
                       , L0005718
, L0005716
           , L0005717
             L0005719 , L0005720 , L0005721 , L0005722 , L0005723
, L0005724 , L0005725
                       , . . .
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
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```
Y-COORD
                                                   X-COORD (METERS)
   (METERS)
             475331.63 475351.63 475371.63
 3755398.30
               0.11618 0.11652 0.11683
 3755378.30
                 0.10740
                            0.10766
                                     0.10802
 3755358.30
                 0.09982
                                       0.10044
                            0.10009
 3755338.30
                0.09315
                            0.09346
                                       0.09388
↑ *** AERMOD - VERSION 21112
                         *** *** 2042 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            14:25:53
                            PAGE 78
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005698 , L0005699
                      , L0005702
, L0005700
           , L0005701
                      , L0005704 , L0005705 , L0005706 , L0005707
             L0005703
           , L0005709 , L0005710
, L0005708
                     , L0005712 , L0005713 , L0005714 , L0005715
             L0005711
          , L0005717      , L0005718
, L0005716
             L0005719
                       , L0005720 , L0005721 , L0005722 , L0005723
L0005724 , L0005725 , . . .
                             *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.13422 0.13584 0.13742 0.13894
                                                            0.14024
0.14131 0.14215 0.14283 0.14328
 3755424.04 0.12295 0.12427 0.12550 0.12674
                                                            0.12774
           0.12920 0.12977 0.13016
 3755404.04 0.11336 0.11430 0.11542 0.11655
                                                            0.11733
           0.11846 0.11885 0.11919
0.11793
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            14:25:53
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PAGE 79 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL  ***  INCLUDING SOURCE(S): L0005698 , L0005699  , L0005700 , L0005701 , L0005702 ,
*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***
** CONC OF TOG IN MICROGRAMS/M**3 **
Y-COORD   X-COORD (METERS) (METERS)   475365.62
3755444.04   0.14360 3755424.04   0.13050 3755404.04   0.11953 ↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
PAGE 80 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL  ***  INCLUDING SOURCE(S): L0005698 , L0005699  , L0005700 , L0005701 , L0005702 ,  L0005703 , L0005704 , L0005705 , L0005706 , L0005707  , L0005708 , L0005709 , L0005710 ,  L0005711 , L0005712 , L0005713 , L0005714 , L0005715  , L0005716 , L0005717 , L0005718 ,  L0005724 , L0005725 , ,
*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

**	CONC	ΩF	TOG	TN	MTCRO	OGRAMS	:/M**3

\*\*

Y-COORD   475330.47 475350.4		5250.47	475270.47	X-COORD (M 475290.47 4		
			-			
3755490.18   0.18689		0.17978	0.18211	0.18414	0.18585	
3755470.18   0.16482		0.15950	0.16129	0.16276	0.16399	
3755450.18   0.14753	0.14198	0.14357	0.14491	0.14601	0.14685	
*** AERMET - VERSION	ON 21112 *** *** N 16216 ***	04/06/22	OPERATIONS -	AUTO TOG		
*** MODELOPTs: Ro		PAGE 81 ELEV URB	AN ADJ_U*			
VALUES FOR SOURCE GRO		THE PERIOD ***	( 43824 HRS)	AVERAGE CONCEN	TRATION	
		INCLUDING S	OURCE(S):	L0005698 ,	L0005699	
-	5701 , L000 95703 , L00	5702 , 05704 ,	L0005705	, L0005706 ,	L0005707	
, L0005708 , L000!	5709 , L000	5710 , 05712 ,		, L0005714 ,	L0005715	
, L0005716 , L000!	5717 , L000	5718 ,		-		
L000 2, L0005724 , L000	95719 , L00 5725 ,	05720 ,	L0005721 ,	, L0005722 ,	L0005723	
*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***						
*:	k	** C0	NC OF TOG	IN MICROGRAM	S/M**3	
Y-COORD   (METERS)   43	75254.84      47	5274.84	475294 <b>.</b> 84 	X-COORD (M 475314.84 4	ETERS) 75334.84	
			-			
3755513.80   3755493.80   ↑ *** AERMOD - VERSI	0.18477	0.21701 0.18715 *** 2042 04/06/22	0.21983 0.18921 OPERATIONS -	0.19080	0.22331 0.19182	

```
14:25:53
                                  PAGE 82
                   RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0005698
                                                                        , L0005699
, L0005700
              , L0005701
                            , L0005702
                            , L0005704
                                           , L0005705
                 L0005703
                                                         , L0005706
                                                                        , L0005707
              , L0005709
 L0005708
                            , L0005710
                            , L0005712
                                           , L0005713
                                                         , L0005714
                                                                        , L0005715
                 L0005711
                            , L0005718
              , L0005717
 L0005716
                 L0005719
                            , L0005720
                                           , L0005721
                                                         , L0005722
                                                                        , L0005723
, L0005724
              , L0005725
                                   *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF TOG
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475293.48
                                475313.48
                                             475333.48
                                                          475353.48
                                                                        475373.48
  3755332.63 l
                     0.09113
                                  0.09126
                                               0.09144
                                                            0.09180
                                                                          0.09220
  3755312.63
                     0.08524
                                  0.08554
                                               0.08588
                                                            0.08627
                                                                          0.08668
  3755292.63
                                  0.08063
                                               0.08103
                                                            0.08140
                     0.08025
                                                                          0.08172
  3755272.63
                     0.07598
                                  0.07637
                                               0.07672
                                                            0.07705
                                                                          0.07729
  3755252.63
                     0.07217
                                  0.07250
                                               0.07281
                                                                          0.07326
                                                            0.07307
  3755232.63 l
                     0.06869
                                  0.06898
                                               0.06922
                                                            0.06943
                                                                          0.06959
  3755212.63
                                  0.06573
                                               0.06593
                                                                          0.06627
                     0.06548
                                                            0.06610
                                   *** 2042 OPERATIONS - AUTO TOG
↑ *** AERMOD - VERSION 21112
                                   04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                                  14:25:53
                                  PAGE 83
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0005698
                                                                        , L0005699
                            , L0005702
 L0005700
              , L0005701
                            , L0005704
                                           , L0005705
                 L0005703
                                                         , L0005706
                                                                        , L0005707
, L0005708
              , L0005709
                            , L0005710
                                          , L0005713
                 L0005711
                            , L0005712
                                                         , L0005714
                                                                        , L0005715
```

\*\*\* AERMET - VERSION 16216 \*\*\*

```
, L0005716 , L0005717 , L0005718
                      , L0005720 , L0005721 , L0005722 , L0005723
             L0005719
 L0005724
           , L0005725
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG
                                                IN MICROGRAMS/M**3
               **
 Y-COORD
                                                  X-COORD (METERS)
 (METERS) | 474691.04
                                 474706.04
                                                      474721.04
    474736.04
                        474751.04
             3755633.6
                                                    0.63956 (11091107)
    0.66432 (11091107)
                       0.69093 (11091107)
3755618.6
              0.49744 (11091107)
                                 0.55263 (11091107)
                       0.57268 (11091107)
                                  0.43934 (11091107) 0.45359 (11091107)
              0.42552 (11091107)
    0.46854 (11091107)
                       0.48423 (11091107)
              0.38183 (16062006)
                                  0.38926 (16062006) 0.39638 (16062006)
    0.40398 (16062006)
                       0.41579 (11091107)
              0.35177 (16062006)
                                  3755573.6
    ♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                    ***
                            04/06/22
                            ***
*** AERMET - VERSION
                  16216 ***
                           14:25:53
                           PAGE 84
               RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                        *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                            ***
VALUES FOR SOURCE GROUP: ALL
                                                          , L0005699
                           INCLUDING SOURCE(S): L0005698
                       , L0005702
, L0005700
           , L0005701
                                   , L0005705 , L0005706
             L0005703
                      , L0005704
                                                         , L0005707
                      , L0005710
 L0005708
           , L0005709
                      , L0005712
                                , L0005713
                                             , L0005714
             L0005711
                                                         , L0005715
           , L0005717
 L0005716
                      , L0005718
                      , L0005720
                                 , L0005721 , L0005722
                                                         , L0005723
             L0005719
, L0005724
           , L0005725
                            *** NETWORK ID: UCART1 : NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
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Y-COORD
                                                   X-COORD (METERS)
                                                       474796.04
 (METERS)
              474766.04
                                  474781.04
             0.77914 (11091107)
3755633.6
              0.59493 (11091107)
0.50109 (11091107)
                                 0.61775 (11091107)
                                                     0.63525 (11091107)
3755618.6
                                 0.61775 (11091107)
0.51829 (11091107)
                                                      0.53143 (11091107)
3755603.6
              0.42890 (11091107)
                                 0.44231 (11091107)
                                                     0.45326 (11091107)
3755588.6
              0.38401 (16062006) 0.39030 (16062006)
3755573.6
                                                      0.39247 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                    ***
                            04/06/22
*** AERMET - VERSION 16216 ***
                            14:25:53
                            PAGE 85
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                        *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005698
                                                          . L0005699
                       , L0005702
, L0005700
           , L0005701
                      , L0005704
                                   , L0005705 , L0005706
             L0005703
                                                          , L0005707
           , L0005709
, L0005708
                      , L0005710
                       , L0005712
                                  , L0005713     , L0005714
             L0005711
                                                          , L0005715
 L0005716
           , L0005717
                      , L0005718
                      , L0005720
                                 , L0005721     , L0005722
              L0005719
                                                          , L0005723
 L0005724
           , L0005725
                             *** NETWORK ID: UCART2 : NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                   X-COORD (METERS)
 (METERS) |
               474790.51
                                   474805.51
                                                       474820.51
                        474850.51
    474835.51
3755606.1 | 0.54164 (11091107) 0.55431 (11091107) 0.56973 (11091107)
    0.58697 (11091107)
                       0.60787 (11091107)
              3755591.1
                       0.51411 (11091107)
    0.49799 (11091107)
                                 3755576.1
              0.39785 (11091107)
                       0.44190 (11091107)
    0.42888 (11091107)
              0.36470 (16062006) 0.36633 (16062006) 0.37151 (16062006)
3755561.1
```

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*** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                  04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 14:25:53
                                 PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0005698
                                                                     , L0005699
, L0005700
             , L0005701
                          , L0005702
                           , L0005704
                                          , L0005705 , L0005706
                L0005703
                                                                     , L0005707
                          , L0005710
             , L0005709
 L0005708
                          , L0005712
                                                      , L0005714
                L0005711
                                          , L0005713
                                                                    , L0005715
             , L0005717
                          , L0005718
, L0005716
                           , L0005720
                L0005719
                                         , L0005721
                                                    , L0005722
                                                                     , L0005723
, L0005724
             , L0005725
                                  *** NETWORK ID: UCART2
                                                          ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                         IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS)
                  474865.51
                                         474880.51
                                                                 474895.51
                 0.63063 (11091107) 0.65481 (11091107)
                                                                0.68132 (11091107)
3755606.1 |
                 0.53102 (11091107)
                                        0.54878 (11091107)
                                                                0.56641 (11091107)
3755591.1
                 0.45525 (11091107)
                                        0.46889 (11091107)
                                                                0.48169 (11091107)
3755576.1
                                     0.40639 (11091107)
3755561.1
                 0.39540 (11091107)
                                                                0.41735 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                        ***
                                  04/06/22
                      16216 ***
*** AERMET - VERSION
                                 14:25:53
                                 PAGE 87
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0005698
                                                                     , L0005699
, L0005700
                           , L0005702
             , L0005701
                          , L0005704
                                                      , L0005706
                L0005703
                                         , L0005705
                                                                     , L0005707
 L0005708
             , L0005709
                          , L0005710
                                         , L0005713        , L0005714
                L0005711
                                                                     , L0005715
                           , L0005712
             , L0005717
, L0005716
                          , L0005718
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L0005719 , L0005720 , L0005721 , L0005722 , L0005723
, L0005724 , L0005725
                                *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
                                                         X-COORD (METERS)
 Y-COORD
 (METERS) | 474800.90
                               474815.90
3755623.3 | 0.68179 (11091107) 0.70421 (11091107)
3755608.3 | 0.56495 (11091107) 0.57998 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG *** 04/06/22
 *** AERMET - VERSION 16216 *** ***
                     ***
                               14:25:53
                               PAGE 88
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0005698 , L0005699
             , L0005701 , L0005702 , L0005703 , L0005704 , L0005705 , L0005706 , L0005707
, L0005700
, L0005708
           , L0005709     , L0005710
                         , L0005712 , L0005713 , L0005714 , L0005715
               L0005711
, L0005716        , L0005717
                         , L0005718
               L0005719 , L0005720 , L0005721 , L0005722 , L0005723
, L0005724 , L0005725
                                *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                         X-COORD (METERS)
           474820.81
  (METERS)
                              474835.81
3755622.5 | 0.70419 (11091107) 0.73078 (11091107)
3755607.5 | 0.57965 (11091107) 0.59730 (11091107)
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*** AERMET - VERSION 16216 *** ***
                                14:25:53
                                PAGE 89
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                      L0005698
                                                                  , L0005699
                         , L0005702
, L0005700
             , L0005701
                         , L0005704
                                         , L0005705 , L0005706 , L0005707
                L0005703
             , L0005709
 L0005708
                          , L0005710
                          , L0005712 , L0005713 , L0005714 , L0005715
                L0005711
                          , L0005718
             , L0005717
 L0005716
                          , L0005720
                                       , L0005721 , L0005722 , L0005723
                L0005719
, L0005724
             , L0005725
                                 *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG
                                                        IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                474838.93
                                         474853.93
                 0.66342 (11091107)0.68894 (11091107)0.55487 (11091107)0.57399 (11091107)
 3755615.4
 3755600.4
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                 04/06/22
 *** AERMET - VERSION 16216 *** ***
                      ***
                                14:25:53
                                PAGE 90
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0005698
                                                                   , L0005699
, L0005700
             , L0005701
                          , L0005702
                          , L0005704
                                       , L0005705 , L0005706
                L0005703
                                                                   , L0005707
, L0005708
             , L0005709
                          , L0005710
                                       , L0005713       , L0005714
                          , L0005712
                L0005711
                                                                   , L0005715
             , L0005717
                          , L0005718
, L0005716
                          , L0005720
                L0005719
                                       , L0005721     , L0005722
                                                                   , L0005723
, L0005724
             , L0005725
```

\*\*\* NETWORK ID: UCART6 ; NETWORK TYPE:

```
** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                   X-COORD (METERS)
 (METERS) | 474857.73 474872.73
3755611.5 | 0.66069 (11091107) 0.68761 (11091107)
3755596.5 | 0.55413 (11091107) 0.57369 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                          14:25:53
                            PAGE 91
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0005698 , L0005699
           , L0005701 , L0005702
, L0005700
             L0005703 , L0005704 , L0005705 , L0005706
                                                         , L0005707
, L0005708 , L0005709 , L0005710
             L0005711 , L0005712 , L0005713 , L0005714
                                                         , L0005715
, L0005716        , L0005717
                      , L0005718
                      , L0005720 , L0005721 , L0005722 , L0005723
             L0005719
, L0005724
          , L0005725
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                   X-COORD (METERS)
 (METERS)
               475108.79
                                   475128.79
                                                       475148.79
    475168.79
                       475188.79
3755333.7 | 0.18972 (16062006) 0.19068 (16062006) 0.19175 (16062006)
    0.19306 (16062006) 0.19444 (16062006)
3755313.7
              0.17903 (16062006) 0.17990 (16062006) 0.18087 (16062006)
    0.18196 (16062006) 0.18317 (16062006)
3755293.7
              3755273.7 | 0.16097 (16062006) 0.16164 (16062006) 0.16235 (16062006)
```

```
0.15376 (16062006) 0.15443 (16062006)
            0.15311 (16062006)
3755253.7
                    0.15584 (16062006)
   0.15511 (16062006)
3755233.7
            0.14593 (16062006)
                              0.14656 (16062006)
                                              0.14718 (16062006)
                    0.14842 (16062006)
   0.14779 (16062006)
3755213.7
            0.13933 (16062006)
                              0.13995 (16062006) 0.14056 (16062006)
                    0.14167 (16062006)
   0.14114 (16062006)
            0.13451 (16062006)
   0.13503 (16062006)
                    0.13548 (16062006)
            0.12779 (16062006)
                              3755173.7
   0.12933 (16062006)
                    0.12972 (16062006)
3755153.7
            0.12267 (16062006)
                             *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                         04/06/22
*** AERMET - VERSION 16216 ***
                        14:25:53
                        PAGE 92
*** MODELOPTs:
             RegDFAULT CONC ELEV URBAN ADJ U*
                     *** THE
                            1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                        INCLUDING SOURCE(S): L0005698
                                                   , L0005699
          , L0005701
                   , L0005702
, L0005700
                    , L0005704
                               , L0005705 , L0005706
            L0005703
                                                  , L0005707
L0005708
          , L0005709
                   , L0005710
                  , L0005712
                            , L0005713 , L0005714
                                                  , L0005715
            L0005711
                   , L0005718
L0005716
          , L0005717
                    , L0005720
                              , L0005721 , L0005722
            L0005719
                                                  , L0005723
. L0005724
          , L0005725
                         *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                            ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                            X-COORD (METERS)
           475208.79
 (METERS)
                             475228.79
                                                475248.79
    475268.79
                     475288.79
3755333.7 |
            0.19841 (16062006)
   0.19988 (16062006)
                    0.20078 (16062006)
             0.18431 (16062006)
3755313.7
                             0.18826 (16062006)
   0.18741 (16062006)
            3755293.7
   0.17659 (16062006)
                  0.17738 (16062006)
```

```
3755273.7 | 0.16487 (16062006) 0.16566 (16062006) 0.16639 (16062006)
    0.16713 (16062006)
                         0.16786 (16062006)
                                                        0.15801 (16062006)
               0.15660 (16062006)
3755253.7
                                    0.15733 (16062006)
    0.15870 (16062006)
                         0.15935 (16062006)
                                                     0.15041 (16062006)
3755233.7
               0.14909 (16062006)
                                    0.14978 (16062006)
    0.15102 (16062006)
                         0.15157 (16062006)
               0.14227 (16062006)
                                                        0.14345 (16062006)
                                    0.14286 (16062006)
                         0.14447 (16062006)
    0.14400 (16062006)
               0.13598 (16062006)
3755193.7
                                    0.13653 (16062006)
                                                          0.13704 (16062006)
    0.13750 (16062006)
                         0.13790 (16062006)
3755173.7
               0.13019 (16062006)
                                    0.13066 (16062006) 0.13110 (16062006)
    0.13150 (16062006)
                         0.13186 (16062006)
               3755153.7
                         0.12629 (16062006)
    0.12594 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 ***
                             14:25:53
                             PAGE 93
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0005698
                                                              , L0005699
, L0005700
            , L0005701
                        , L0005702
                                     , L0005705 , L0005706
              L0005703
                        , L0005704
                                                              , L0005707
                        , L0005710
 L0005708
            , L0005709
                        , L0005712
              L0005711
                                     , L0005713 , L0005714
                                                              , L0005715
            , L0005717
                        , L0005718
 L0005716
                        , L0005720
              L0005719
                                     , L0005721 , L0005722
                                                              , L0005723
 L0005724
            , L0005725
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                      X-COORD (METERS)
 (METERS)
                475151.63
                                     475171.63
                                                           475191.63
     475211.63
               0.24035 (16062006) 0.24236 (16062006) 0.24419 (16062006)
3755398.3
                         0.24816 (16062006)
    0.24605 (16062006)
3755378.3
               0.22321 (16062006)
                                    0.22483 (16062006) 0.22627 (16062006)
                         0.22988 (16062006)
    0.22789 (16062006)
3755358.3
               0.20816 (16062006) 0.20956 (16062006) 0.21076 (16062006)
```

```
0.19608 (16062006) 0.19745 (16062006)
3755338.3
               0.19474 (16062006)
                         0.20012 (16062006)
    0.19883 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION
                    16216 ***
                             14:25:53
                             PAGE 94
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                                                              , L0005699
                             INCLUDING SOURCE(S): L0005698
            , L0005701
                        , L0005702
, L0005700
                                     , L0005705 , L0005706
                        , L0005704
              L0005703
                                                              , L0005707
, L0005708
            , L0005709
                        , L0005710
                      , L0005712
                                   , L0005713     , L0005714
              L0005711
                                                             , L0005715
 L0005716
            , L0005717
                        , L0005718
                        , L0005720
                                   , L0005721 , L0005722 , L0005723
              L0005719
, L0005724
            , L0005725
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF TOG IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                      X-COORD (METERS)
 (METERS) | 475251.63
                                    475271.63
                                                          475291.63
     475311.63
                          475331.63
               3755398.3
                                                        0.25246 (16062006)
                         0.25428 (16062006)
    0.25343 (16062006)
               0.23169 (16062006)
                                    0.23309 (16062006) 0.23402 (16062006)
                         0.23543 (16062006)
    0.23480 (16062006)
3755358.3
               0.21573 (16062006)
                                    0.21716 (16062006) 0.21799 (16062006)
    0.21857 (16062006)
                         0.21911 (16062006)
3755338.3
               0.20163 (16062006) 0.20307 (16062006) 0.20394 (16062006)
                         0.20478 (16062006)
    0.20436 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                             14:25:53
                             PAGE 95
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
```

```
*** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                         ALL
                                 INCLUDING SOURCE(S):
                                                        L0005698
                                                                     , L0005699
, L0005700
                           , L0005702
              , L0005701
                                          , L0005705
                                                       , L0005706
                L0005703
                           , L0005704
                                                                     , L0005707
             , L0005709
                           , L0005710
 L0005708
                                          , L0005713
                                                       , L0005714
                           , L0005712
                                                                     , L0005715
                L0005711
             , L0005717
                           , L0005718
 L0005716
                           , L0005720
                                          , L0005721
                L0005719
                                                      , L0005722
                                                                     , L0005723
 L0005724
             , L0005725
                                  *** NETWORK ID: UCART8
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF TOG
                                                          IN MICROGRAMS/M**3
 Y-COORD
                                                            X-COORD (METERS)
  (METERS)
                                          475371.63
                  475351.63
 3755398.3
                 0.25502 (16062006)
                                       0.25564 (16062006)
                 0.23602 (16062006)
                                        0.23667 (16062006)
 3755378.3
                 0.21967 (16062006)
                                        0.22029 (16062006)
 3755358.3
                 0.20535 (16062006)
                                        0.20602 (16062006)
 3755338.3
                                  *** 2042 OPERATIONS - AUTO TOG
★ *** AERMOD - VERSION 21112 ***
                                  04/06/22
 *** AERMET - VERSION
                      16216 ***
                                  ***
                                 14:25:53
                                 PAGE 96
                  RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                  ***
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                                     , L0005699
                                                        L0005698
                           , L0005702
, L0005700
              , L0005701
                                          , L0005705
                                                      , L0005706
                L0005703
                           , L0005704
                                                                     , L0005707
 L0005708
             , L0005709
                           , L0005710
                           , L0005712
                                          , L0005713
                                                      , L0005714
                L0005711
                                                                     , L0005715
 L0005716
              , L0005717
                           , L0005718
                                         , L0005721
                                                       , L0005722
                                                                     , L0005723
                L0005719
                           , L0005720
, L0005724
             , L0005725
                                  *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

```
Y-COORD
                                            X-COORD (METERS)
 (METERS) 475185.62
                             475205.62
                                               475225.62
             475265.62
    475245.62
3755444.0 | 0.29430 (16062006) 0.29747 (16062006) 0.30050 (16062006)
   3755424.0
   0.27714 (16062006)
                    0.27909 (16062006)
            3755404.0
   *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                        04/06/22
*** AERMET - VERSION 16216 *** ***
                        14:25:53
                        PAGE 97
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                     *** THE
                            1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                        INCLUDING SOURCE(S): L0005698
                                                  , L0005699
          , L0005701 , L0005702
, L0005700
                              , L0005705 , L0005706 , L0005707
                   , L0005704
            L0005703
          , L0005709
L0005708
                   , L0005710
           L0005711 , L0005712 , L0005713 , L0005714 , L0005715
L0005716 , L0005717
                   , L0005718
                    , L0005720 , L0005721 , L0005722 , L0005723
           L0005719
, L0005724 , L0005725
                         *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                            ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                            X-COORD (METERS)
 (METERS) | 475285.62
                             475305.62
                                                475325.62
    475345.62
                    475365.62
3755444.0 | 0.30793 (16062006) 0.30964 (16062006)
                                              0.31105 (16062006)
   0.28074 (16062006) 0.28209 (16062006) 0.28327 (16062006)
3755424.0
   0.28416 (16062006) 0.28490 (16062006)
            0.25799 (16062006) 0.25912 (16062006) 0.26001 (16062006)
   0.26077 (16062006) 0.26147 (16062006)
```

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★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                             04/06/22
 *** AERMET - VERSION
                  16216 ***
                           14:25:53
                           PAGE 98
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                            ***
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0005698
                                                          . L0005699
, L0005700
                     , L0005702
           , L0005701
                                   , L0005705 , L0005706 , L0005707
             L0005703 , L0005704
           , L0005709 , L0005710 ,
   L0005711 , L0005712 , L0005713 , L0005714 , L0005715
 L0005708
           , L0005717
, L0005716
                      , L0005720 , L0005721 , L0005722 , L0005723
             L0005719
, L0005724
           , L0005725
                            *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD
                                                  X-COORD (METERS)
 (METERS) | 475230.47
                                                      475270.47
                                 475250.47
    475290.47
                        475310.47
3755490.2 | 0.40214 (11091107) 0.41400 (11091107) 0.42520 (11091107)
    3755470.2
    0.36304 (11091107)
                       0.37055 (11091107)
              3755450.2
                       0.31963 (16062006)
    0.31788 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           14:25:53
                  ***
                           PAGE 99
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE
                                1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0005698 , L0005699
, L0005700
           , L0005701
                      , L0005702
                      , L0005704 , L0005705 , L0005706 , L0005707
             L0005703
```

```
, L0005708
           , L0005709 , L0005710
                                         , L0005713 , L0005714 , L0005715
                L0005711
                          , L0005712
 L0005716
             , L0005717
                          , L0005718
                         , L0005720
                                         , L0005721 , L0005722 , L0005723
                L0005719
, L0005724
             , L0005725
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                                       475350.47
                 3755490.2

      0.37717 (11091107)
      0.38272 (11091107)

      0.32105 (16062006)
      0.32613 (11091107)

3755470.2
3755450.2
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                14:25:53
                                PAGE 100
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0005698
                                                                    , L0005699
, L0005700
             , L0005701
                          , L0005702
                          , L0005704
                                        , L0005705 , L0005706 , L0005707
                L0005703
, L0005708
             , L0005709
                          , L0005710
                                       , L0005713
                                                     , L0005714
                          , L0005712
                L0005711
                                                                   , L0005715
, L0005716
             , L0005717
                          , L0005718
                                        , L0005721 , L0005722
                         , L0005720
                                                                    , L0005723
               L0005719
             , L0005725
, L0005724
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
                                         475274.84
                                                                475294.84
  (METERS)
                  475254.84
                            475334.84
     475314.84
```

```
3755513.8 | 0.53170 (11091107) 0.54641 (11091107) 0.55862 (11091107)
    0.56822 (11091107)
                        0.57529 (11091107)
3755493.8
               0.43135 (11091107)
                                   ↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                             04/06/22
*** AERMET - VERSION 16216 ***
                           ***
                            14:25:53
                            PAGE 101
               RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                         *** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                            INCLUDING SOURCE(S): L0005698
                                                           , L0005699
, L0005700
           , L0005701
                       , L0005702
                                    , L0005705 , L0005706
              L0005703
                       , L0005704
                                                           , L0005707
           , L0005709
 L0005708
                       , L0005710
                                 , L0005713        , L0005714
                                                          , L0005715
              L0005711
                      , L0005712
           , L0005717
 L0005716
                       , L0005718
                                  , L0005721 , L0005722 , L0005723
                       , L0005720
              L0005719
, L0005724
           , L0005725
                             *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF TOG IN MICROGRAMS/M**3
 Y-COORD |
                                                    X-COORD (METERS)
              475293.48
                                  475313.48
                                                        475333.48
 (METERS) |
     475353.48
                         475373.48
3755332.6 | 0.20023 (16062006) 0.20065 (16062006) 0.20108 (16062006)
    0.20171 (16062006)
                        0.20234 (16062006)
3755312.6
               0.18780 (16062006)
                                   0.18838 (16062006) 0.18898 (16062006)
    0.18961 (16062006)
                        0.19023 (16062006)
3755292.6
               0.17701 (16062006)
                                   0.17766 (16062006)
                                                      0.17830 (16062006)
                        0.17937 (16062006)
    0.17888 (16062006)
3755272.6
               0.16756 (16062006)
                                   0.16927 (16062006)
                        0.16965 (16062006)
3755252.6
               0.15907 (16062006)
                                   0.15960 (16062006)
                                                       0.16010 (16062006)
                        0.16083 (16062006)
    0.16051 (16062006)
               0.15131 (16062006)
                                   0.15179 (16062006) 0.15219 (16062006)
3755232.6
    0.15253 (16062006)
                        0.15279 (16062006)
               0.14420 (16062006) 0.14461 (16062006) 0.14494 (16062006)
3755212.6
    0.14522 (16062006)
                     0.14548 (11102317)
```

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↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                                 04/06/22
 *** AERMET - VERSION
                    16216 ***
                               14:25:53
                               PAGE 102
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***
                                ** CONC OF TOG IN MICROGRAMS/M**3
             **
                      NETWORK
GROUP ID
                            AVERAGE CONC
                                                     RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
0.28942 AT ( 474796.04, 3755633.62, 496.60,
ALL
        1ST HIGHEST VALUE IS
           0.00) GC UCART1
 789.90,
         2ND HIGHEST VALUE IS
                                 0.28172 AT ( 474781.04, 3755633.62,
                                                                      497.00,
          0.00) GC UCART1
 789.90,
         3RD HIGHEST VALUE IS
                                 0.27457 AT ( 474835.81, 3755622.54,
                                                                      494.80,
 789.90,
          0.00) GC UCART4
         4TH HIGHEST VALUE IS
                                 0.27318 AT ( 474766.04, 3755633.62, 497.00,
 789.90,
           0.00) GC UCART1
                                 0.26712 AT ( 474815.90, 3755623.35, 495.20,
         5TH HIGHEST VALUE IS
 789.90,
           0.00) GC UCART3
         6TH HIGHEST VALUE IS
                                 0.26700 AT ( 474820.81, 3755622.54, 495.00,
 789.90,
           0.00) GC UCART4
         7TH HIGHEST VALUE IS
                                 0.26519 AT ( 474751.04, 3755633.62, 497.00,
 789.90,
          0.00) GC UCART1
                                 0.26197 AT ( 474853.93, 3755615.41,
         8TH HIGHEST VALUE IS
                                                                      493.60,
           0.00) GC UCART5
 789.90,
         9TH HIGHEST VALUE IS
                                 0.26157 AT ( 474872.73, 3755611.53, 493.50,
          0.00) GC UCART6
 789.90,
        10TH HIGHEST VALUE IS
                                 0.26122 AT ( 474800.90, 3755623.35, 495.80,
 789.90, 0.00) GC UCART3
*** RECEPTOR TYPES: GC = GRIDCART
                    GP = GRIDPOLR
                    DC = DISCCART
```

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - AUTO TOG \*\*\* 04/06/22

DP = DISCPOLR

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*** AERMET - VERSION 16216 *** ***
                    ***
                             14:25:53
                             PAGE 103
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                         *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***
                               ** CONC OF TOG IN MICROGRAMS/M**3
             **
                                               DATE
                                   NETWORK
GROUP ID
                                                        RECEPTOR
                            AVERAGE CONC
                                            (YYMMDDHH)
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
HIGH 1ST HIGH VALUE IS 0.77914 ON 11091107: AT ( 474796.04,
          496.60, 789.90, 0.00) GC UCART1
3755633.62,
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - AUTO TOG
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                             14:25:53
                             PAGE 104
*** 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
                   4 Warning Message(s)
          2028 Informational Message(s)
A Total of
A Total of
               43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of
            1050 Missing Hours Identified ( 2.40 Percent)
```

## \*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\* \*\*\* NONE \*\*\*

****	**** WARNING	MESSAGES	*****			
ME W186 0.50	1163 ð	MEOPEN: T	HRESH_1MIN	1-min ASOS	wind speed th	nreshold used
ME W187	1163	MEOPEN: A	.DJ_U* Opti	on for Stab	le Low Winds ι	used in AERMET
MX W450 1401010:	17521 l	CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:
MX W450 2 year ga		CHKDAT: R	ecord Out	of Sequence	in Meteorolog	gical File at:

\*\*\*\*\*\*\*\*\*\*\* \*\*\* AERMOD Finishes Successfully \*\*\*
\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall-TR 2026\MVMall-TR 2026.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2026 Operations - Truck PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL MVMall-TR 2026.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 SR60 EB
** PREFIX
** Length of Side = 15.00
** Configuration = Adjacent
** Emission Rate = 0.00233
** Vertical Dimension = 5.44
** SZINIT = 2.53
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
** 475301.985, 3755606.087, 502.95, 2.72, 6.98
```

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ĸ						
	LOCATION	L0002770	VOLUME	473528.143	3755956.844	486.24
		L0002771			3755953.817	
	LOCATION	L0002772	VOLUME	473557.526	3755950.791	487.18
	LOCATION	L0002773	VOLUME	473572.217	3755947.764	487.68
	LOCATION	L0002774	VOLUME	473586.909	3755944.738	488.22
	LOCATION	L0002775	VOLUME	473601.600	3755941.711	488.82
	LOCATION				3755938.685	
	LOCATION				3755935.658	
	LOCATION	L0002778			3755932.632	
	LOCATION				3755929.605	
	LOCATION	L0002780			3755926.579	
	LOCATION	L0002781		473689.749	3755923.552	492.19
	LOCATION		VOLUME		3755920.525	
	LOCATION		VOLUME		3755917.499	
	LOCATION		VOLUME		3755914.472	
	LOCATION	L0002785	VOLUME		3755911.446	
	LOCATION		VOLUME		3755908.419	
	LOCATION		VOLUME		3755905.393	
	LOCATION	L0002788	VOLUME	473792.590	3755902.366	495.42
	LOCATION				3755899.340	
	LOCATION	L0002790			3755896.313	
	LOCATION	L0002791	VOLUME	473836.664	3755893.287	496.63
	LOCATION	L0002792	VOLUME	473851.356	3755890.260	496.82
	LOCATION	L0002793	VOLUME	473866.047	3755887.234	497.09
	LOCATION	L0002794	VOLUME	473880.739	3755884.207	497.45
	LOCATION	L0002795	VOLUME	473895.430	3755881.180	497.87
	LOCATION	L0002796	VOLUME	473910.122	3755878.154	498.36
	LOCATION	L0002797	VOLUME	473924.813	3755875.127	498.83
	LOCATION	L0002798	VOLUME	473939.505	3755872.101	499.29
	LOCATION	L0002799	VOLUME	473954.196	3755869.074	499.71
	LOCATION	L0002800	VOLUME	473968.888	3755866.048	500.11
	LOCATION	L0002801	VOLUME	473983.579	3755863.021	500.49
	LOCATION	L0002802	VOLUME	473998.271	3755859.995	500.71
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	LOCATION	L0002805	VOLUME	474042.345	3755850.915	501.51
	LOCATION	L0002806	VOLUME	474057.037	3755847.888	501.75
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	LOCATION	L0002808	VOLUME		3755841.835	
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** Line Source Represented by Adjacent Volume Sources
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** DESCRSRC SR60 WB
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.00233
** Vertical Dimension = 5.44
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	TALE MOLLINAE C	TD	CLINES		

- \*\* End of LINE VOLUME Source ID = SLINE2
- \*\* Source Parameters \*\*
- \*\* LINE VOLUME Source ID = SLINE1

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SRCPARAM	L0002927	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0002935	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0002937	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002938	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002939	0.0000114778	2.72	6.98	2.53

	SRCPARAM I	L0002940	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002941	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002942	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002943	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002944	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002945	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002946	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002947	0.0000114778	2.72	6.98	2.53
	SRCPARAM I	L0002948	0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
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	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72		2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98 6.98	
*	SKCPARAM I		0.0000114//6	2.72	0.90	2.53
	LINE VOLUM	ME Source ID				
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	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	SRCPARAM I		0.0000114778	2.72	6.98	2.53
	JICE ANAPI	L0002707	0.0000114//0	L•12	0.70	در. کی

SRCPARAM	L0002988	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002989	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002990	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0002992	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002993	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0002998	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003006	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003011	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003019	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003020	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003023	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003025	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003036	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003044	0.0000114778	2.72	6.98	2.53
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	L0003055	0.0000114778	2.72	6.98	2.53
	L0003056	0.0000114778	2.72	6.98	2.53
	L0003057	0.0000114778	2.72	6.98	2.53
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	L0003059	0.0000114778	2.72	6.98	2.53
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	L0003062	0.0000114778	2.72	6.98	2.53
	L0003063	0.0000114778	2.72	6.98	2.53
	L0003064	0.0000114778	2.72	6.98	2.53
	L0003065	0.0000114778	2.72	6.98	2.53
	L0003066	0.0000114778	2.72	6.98	2.53
	L0003067	0.0000114778	2.72	6.98	2.53
	L0003068	0.0000114778	2.72	6.98	2.53
	L0003069	0.0000114778	2.72	6.98	2.53
	L0003070	0.0000114778	2.72	6.98	2.53
	L0003071	0.0000114778	2.72	6.98	2.53
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	L0003073	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003074	0.0000114778	2.72	6.98	2.53
	L0003075	0.0000114778	2.72	6.98	2.53
	L0003076	0.0000114778	2.72	6.98	2.53
	L0003077	0.0000114778	2.72	6.98	2.53
	L0003078	0.0000114778	2.72	6.98	2.53
	L0003079	0.0000114778	2.72	6.98	2.53
	L0003080	0.0000114778	2.72	6.98	2.53
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	L0003083	0.0000114778	2.72	6.98	2.53
	L0003084	0.0000114778	2.72	6.98	2.53
	L0003085	0.0000114778	2.72	6.98	2.53
	L0003086	0.0000114778	2.72	6.98	2.53
	L0003087	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003088	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003089	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003090	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003091	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003093	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003094	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003095	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003096	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003097	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003098	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003099	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003100	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003101	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003102	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003103	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003104	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003105	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003106	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003107	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003108	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003109	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003110	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003111	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003112	0.0000114778	2.72	6.98	2.53
	L0003113	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003127	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003129	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003136	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003141	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003143	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003147	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003148	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003149	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003150	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003151	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003152	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003154	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003156	0.0000114778	2.72	6.98	2.53
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		L0003166	0.0000114778	2.72	6.98	2.53
		L0003167	0.0000114778	2.72	6.98	2.53
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		L0003169	0.0000114778	2.72	6.98	2.53
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	SRCPARAM		0.0000114778	2.72	6.98	2.53
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			0.0000114778			
**						
	URBANSRC					
	SRCGROUP	ALL				
	FINISHED					
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RE STARTING

INCLUDED MVMall-TR\_2026.rou

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RE FINISHED
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** AERMOD Meteorology Pathway
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ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\MVMall-TR 2026\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\MVMall-TR 2026\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD
View\MVMall-TR_2026\MVMALL-TR_2026.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall-TR 2026\MVMALL-TR 2026.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall-TR_2026\MVMall-TR_2026.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM
          World Geodetic System 1984
** DTMRGN Global Definition
** UNITS
          m
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL-TR 2026\MVMALL-TR 2026.ADI
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**
**
************
** AERMOD CONTROL PATHWAY
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**
CO STARTING
  TITLEONE 2026 OPERATIONS - TRUCK PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL MVMALL-TR 2026.ERR
CO FINISHED
**
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** 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 SR60 EB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00233
** VERTICAL DIMENSION = 5.44
** SZINIT = 2.53
** NODES = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
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\*\* 475301.985, 3755606.087, 502.95, 2.72, 6.98

\*\* 476529.628, 3755625.490, 502.55, 2.72, 6.98

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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
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** DESCRSRC SR60 WB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
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- \*\* END OF LINE VOLUME SOURCE ID = SLINE2
- \*\* SOURCE PARAMETERS \*\*
- \*\* LINE VOLUME SOURCE ID = SLINE1
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	L0002908	0.0000114778	2.72	6.98	2.53
	L0002909	0.0000114778	2.72	6.98	2.53
	L0002910	0.0000114778	2.72	6.98	2.53
	L0002911	0.0000114778	2.72	6.98	2.53
	L0002912	0.0000114778	2.72	6.98	2.53
	L0002913	0.0000114778	2.72	6.98	2.53
	L0002914	0.0000114778	2.72	6.98	2.53
	L0002915	0.0000114778	2.72	6.98	2.53
	L0002916	0.0000114778	2.72	6.98	2.53
	L0002917	0.0000114778	2.72	6.98	2.53
	L0002918	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002919	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002920	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002921	0.0000114778	2.72	6.98	2.53
	L0002922	0.0000114778	2.72	6.98	2.53
	L0002923	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0002925	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0002929	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002930	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002931	0.0000114778	2.72	6.98	2.53
	L0002932	0.0000114778	2.72	6.98	2.53
	L0002933	0.0000114778	2.72	6.98	2.53
	L0002934	0.0000114778	2.72	6.98	2.53
	L0002935	0.0000114778	2.72	6.98	2.53
	L0002936	0.0000114778	2.72	6.98	2.53
	L0002937	0.0000114778	2.72	6.98	2.53
	L0002938	0.0000114778	2.72	6.98	2.53

	SRCPARAM	L0002939	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002940	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002941	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002942	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002943	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0002945	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002946	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002947	0.0000114778	2.72	6.98	2.53
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	SRCPARAM		0.0000114778	2.72	6.98	2.53
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	SRCPARAM		0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002966	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002967	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002968	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002969	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002970	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002971	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002972	0.0000114778	2.72	6.98	2.53
*						
*	LINE VOLU	ME SOURCE ID	= SLINE2			
	SRCPARAM	L0002973	0.0000114778	2.72	6.98	2.53
			0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002975	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002976	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002977	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002978	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002979	0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778		6.98	2.53
	SRCPARAM	L0002981	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0002982	0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778			2.53
			0.0000114778			2.53
	SRCPARAM	L0002986	0.0000114778	2.72	6.98	2.53

SRCPARAM	L0002987	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002988	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002989	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002990	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002991	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002992	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002993	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002994	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002995	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002996	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002997	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002998	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0002999	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003000	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003001	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003002	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003003	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003004	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003005	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003006	0.0000114778	2.72	6.98	2.53
	L0003007	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003015	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003017	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003018	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003019	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003021	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003025	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003026	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003027	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003029	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003031	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003034	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003035	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003036	0.0000114778	2.72	6.98	2.53

SRCPARAM	L0003037	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003038	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003039	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003040	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003041	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003042	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003043	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003044	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003045	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003046	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003047	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003048	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003049	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003050	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003051	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003052	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003053	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003054	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003055	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003056	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003057	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003058	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003059	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003060	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003061	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003068	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003069	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003070	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003071	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003073	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003074	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003075	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003076	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003077	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003078	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003082	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003084	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003086	0.0000114778	2.72	6.98	2.53

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SRCPARAM	L0003090	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003091	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003092	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003093	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003094	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003096	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003098	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003099	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003100	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003101	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003102	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003103	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003104	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003105	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003106	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003107	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003108	0.0000114778	2.72	6.98	2.53
	L0003109	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003110	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003111	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003112	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003113	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003114	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003115	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003116	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003117	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003118	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003119	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003120	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003121	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003122	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003123	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003124	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003125	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003126	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003127	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003128	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003129	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003130	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003132	0.0000114778	2.72	6.98	2.53
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SRCPARAM	L0003135	0.0000114778	2.72	6.98	2.53
SRCPARAM	L0003136	0.0000114778	2.72	6.98	2.53

	SRCPARAM	L0003137	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003138	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003139	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003140	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003141	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003142	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003144	0.0000114778	2.72	6.98	2.53
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	SRCPARAM	L0003146	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003147	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003148	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003149	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003150	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003151	0.0000114778	2.72	6.98	2.53
	SRCPARAM	L0003152	0.0000114778	2.72	6.98	2.53
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		L0003160	0.0000114778	2.72	6.98	2.53
		L0003161	0.0000114778	2.72	6.98	2.53
		L0003162	0.0000114778	2.72	6.98	2.53
		L0003163	0.0000114778	2.72	6.98	2.53
		L0003164	0.0000114778	2.72	6.98	2.53
		L0003165	0.0000114778	2.72	6.98	2.53
		L0003166	0.0000114778	2.72	6.98	2.53
		L0003167	0.0000114778	2.72	6.98	2.53
		L0003168	0.0000114778	2.72	6.98	2.53
		L0003169	0.0000114778	2.72	6.98	2.53
		L0003170	0.0000114778	2.72	6.98	2.53
	SRCPARAM		0.0000114778	2.72	6.98	2.53
			0.0000114778		6.98	2.53
			0.0000114778		6.98	2.53
					6.98	2.53
ala al-			0.0000114778	2.72	6.98	2.53
**						
	URBANSRC	ALL				

URBANSRC ALL SRCGROUP ALL

SO FINISHED

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\*\* AERMOD RECEPTOR PATHWAY

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**RE STARTING** 

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INCLUDED MVMALL-TR 2026.ROU
RE FINISHED
**************
** AERMOD METEOROLOGY PATHWAY
***********
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR 2026\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR_2026\PERI_V9_ADJU\
  PROFFILE PERI_V9_ADJU\PERI_V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
***********
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
  PLOTFILE
           1 ALL 1ST "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2026\MVMALL-TR_2026.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2026\MVMALL-TR_2026.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL-TR_2026\MVMALL-TR_2026.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
                               *****
```

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ME W186
            917
                     MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
            917
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
***********
*** SETUP Finishes Successfully ***
***********
↑ *** AERMOD - VERSION 21112
                                  *** 2026 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                      ***
                                15:15:04
                                PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 406 Source(s),
  for Total of
                  1 Urban Area(s):
  Urban Population =
                       2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
        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 10

and Calculates PERIOD Averages \*\*This Run Includes: 406 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 406 VOLUME source(s) and: and: 0 AREA type source(s) 0 LINE source(s) and: and: 0 RLINE/RLINEXT source(s) and: 0 OPENPIT source(s) 0 BUOYANT LINE source(s) with a total of 0 line(s) and: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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 Base Elev. for Pot. Temp. Profile (m MSL) = 442.00; Decay \*\*Misc. Inputs: Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 Output Units = MICROGRAMS/M\*\*3 \*\*Approximate Storage Requirements of Model = 3.7 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out

1-HR

\*\*Model Calculates 1 Short Term Average(s) of:

\*\*Detailed Error/Message File: MVMALL-TR 2026.ERR

\*\*File for Summary of Results: C:\LAKES\AERMOD

VIEW\MVMALL-TR\_2026\MVMALL-TR\_2026.SUM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

	NUMBER	EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN	EMISSI	ON RATE					
SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE	SCALAR						
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
1,000,2770	0	0 114705 04	472520 1	2755056 0	406.2	2 72	6.00
L0002770 2.53 YES	0	0.11478E-04	4/3528.1	3/55956.8	486.2	2.72	6.98
L0002771	0	0.11478E-04	472E42 0	2755052 0	486.7	2.72	6.98
2.53 YES	О	0.114/00-04	4/3342.0	3/33333.0	400.7	2.72	0.90
L0002772	0	0.11478E-04	473557 5	3755950 8	487.2	2.72	6.98
2.53 YES	Ū	0.114786-04	4/333/.3	3733330.8	407.2	2.72	0.58
L0002773	0	0.11478E-04	473572.2	3755947.8	487.7	2.72	6.98
2.53 YES	Ū	0.111702 01	1,33,212	3,3331,10	107.7	2.,2	0.30
L0002774	0	0.11478E-04	473586.9	3755944.7	488.2	2.72	6.98
2.53 YES	-						
L0002775	0	0.11478E-04	473601.6	3755941.7	488.8	2.72	6.98
2.53 YES							
L0002776	0	0.11478E-04	473616.3	3755938.7	489.4	2.72	6.98
2.53 YES							
L0002777	0	0.11478E-04	473631.0	3755935.7	490.0	2.72	6.98
2.53 YES							
L0002778	0	0.11478E-04	473645.7	3755932.6	490.6	2.72	6.98
2.53 YES							
L0002779	0	0.11478E-04	473660.4	3755929.6	491.2	2.72	6.98
2.53 YES	•	0 444505 04	4-24 4	2===2	404 =		
L0002780	0	0.11478E-04	4/36/5.1	3/55926.6	491.7	2.72	6.98
2.53 YES	0	0 114705 04	473600 7	2755022 6	402.2	2 72	6.00
L0002781 2.53 YES	0	0.11478E-04	4/3089./	3/33923.6	492.2	2.72	6.98
2.53 YES L0002782	0	0.11478E-04	172701 1	2755020 5	492.6	2.72	6.98
2.53 YES	Ø	0.114/8E-04	4/3/04.4	3/33320.5	472.0	2./2	0.38
L0002783	0	0.11478E-04	<b>∆</b> 73710 1	3755917 5	493.0	2.72	6.98
2.53 YES	Ü	J.11-70L-04	-, J, 1J, 1	J/JJJ±/•J	<del>-</del> ->-0•0	2.12	0.50

L0002784	0	0.11478E-04	473733.8 3755914.5	493.5	2.72	6.98
2.53 YES L0002785	0	0.11478E-04	473748.5 3755911.4	494.0	2.72	6.98
2.53 YES	O	0.114701 04	4/3/40.3 3/33311.4	777.0	2.72	0.50
L0002786	0	0.11478E-04	473763.2 3755908.4	494.4	2.72	6.98
2.53 YES						
L0002787	0	0.11478E-04	473777.9 3755905.4	494.9	2.72	6.98
2.53 YES L0002788	0	0.11478E-04	473792.6 3755902.4	495.4	2.72	6.98
2.53 YES	O	0.114781-04	4/3/92.0 3/33902.4	433.4	2.72	0.90
L0002789	0	0.11478E-04	473807.3 3755899.3	495.9	2.72	6.98
2.53 YES						
L0002790	0	0.11478E-04	473822.0 3755896.3	496.3	2.72	6.98
2.53 YES		0 444707 04	4-2024 - 2-5502 2			
L0002791	0	0.11478E-04	473836.7 3755893.3	496.6	2.72	6.98
2.53 YES L0002792	0	0.11478E-04	473851.4 3755890.3	496.8	2.72	6.98
2.53 YES	O	0.114781-04	4/3631.4 3/33696.3	490.0	2.72	0.98
L0002793	0	0.11478E-04	473866.0 3755887.2	497.1	2.72	6.98
2.53 YES						
L0002794	0	0.11478E-04	473880.7 3755884.2	497.4	2.72	6.98
2.53 YES	•	0 444705 04	472005 4 2755004 2	407.0	2 72	
L0002795	0	0.11478E-04	473895.4 3755881.2	497.9	2.72	6.98
2.53 YES L0002796	0	0.11478E-04	473910.1 3755878.2	498.4	2.72	6.98
2.53 YES	O	0.114781-04	4/3310.1 3/330/0.2	470.4	2.72	0.50
L0002797	0	0.11478E-04	473924.8 3755875.1	498.8	2.72	6.98
2.53 YES						
L0002798	0	0.11478E-04	473939.5 3755872.1	499.3	2.72	6.98
2.53 YES	•	0 444705 04	472054 2 2755060 4	400 7	2 72	
L0002799 2.53 YES	0	0.11478E-04	473954.2 3755869.1	499.7	2.72	6.98
L0002800	0	0.11478E-04	473968.9 3755866.0	500.1	2.72	6.98
2.53 YES	J	0.111701 01	1,3300.3 3,33000.0	300.1	2.,,	0.30
L0002801	0	0.11478E-04	473983.6 3755863.0	500.5	2.72	6.98
2.53 YES						
L0002802	0	0.11478E-04	473998.3 3755860.0	500.7	2.72	6.98
2.53 YES	0	0 114705 04	474012 0 2755057 0	F01 0	2 72	c 00
L0002803 2.53 YES	0	0.114/8E-04	474013.0 3755857.0	501.0	2.72	6.98
L0002804	0	0.11478E-04	474027.7 3755853.9	501.2	2.72	6.98
2.53 YES	-					
L0002805	0	0.11478E-04	474042.3 3755850.9	501.5	2.72	6.98
2.53 YES						
L0002806	0	0.11478E-04	474057.0 3755847.9	501.8	2.72	6.98
2.53 YES	Ω	Q 11470F Q4	474071 7 27EE044 0	EQ1 0	2 72	6 00
L0002807 2.53 YES	0	v.114/6E-04	474071.7 3755844.9	501.9	2.72	6.98
L0002808	0	0.11478E-04	474086.4 3755841.8	502.2	2.72	6.98
2.53 YES	-			- , —	. –	

L0002809 0 0.11478E-04 474101.1 3755838.8 502.3 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0002810	0	0.11478E-04	474115.8	3755835.8	502.5	2.72	6.98
2.53 YES L0002811	0	0.11478E-04	474130.5	3755832.8	502.7	2.72	6.98
2.53 YES	Ŭ	0.11.702 0.	17 1230.3	37 3303 <b>2 .</b> 0	302.7	2.,2	0.30
L0002812	0	0.11478E-04	474145.2	3755829.7	502.7	2.72	6.98
2.53 YES L0002813	0	0.11478E-04	4741E0 0	3755826.7	502.7	2.72	6.98
2.53 YES	0	0.114/86-04	4/4159.9	3/33820./	302.7	2.72	0.98
L0002814	0	0.11478E-04	474174.6	3755823.7	502.5	2.72	6.98
2.53 YES							
L0002815	0	0.11478E-04	474189.3	3755820.6	502.2	2.72	6.98
2.53 YES L0002816	0	0.11478E-04	474204.0	3755817.6	499.9	2.72	6.98
2.53 YES	Ü	0.111702 01	17 120110	3733017.0	133.3	2.,2	0.30
L0002817	0	0.11478E-04	474218.6	3755814.6	498.2	2.72	6.98
2.53 YES	•	0 444705 04	474000	2755044 6	400.4	2 72	6.00
L0002818 2.53 YES	0	0.11478E-04	4/4233.3	3755811.6	499.1	2.72	6.98
L0002819	0	0.11478E-04	474248.0	3755808.5	500.4	2.72	6.98
2.53 YES							
L0002820	0	0.11478E-04	474262.7	3755805.5	502.3	2.72	6.98
2.53 YES L0002821	0	0.11478E-04	171277 1	2755002 5	502.9	2.72	6.98
2.53 YES	Ø	0.114/86-04	4/42//.4	3/33002.3	302.9	2.72	0.96
L0002822	0	0.11478E-04	474292.1	3755799.5	503.1	2.72	6.98
2.53 YES							
L0002823	0	0.11478E-04	474306.8	3755796.4	503.0	2.72	6.98
2.53 YES							

L0002824	0	0.11478E-04	474321.5 3755793.4	503.0	2.72	6.98
2.53 YES L0002825	0	0.11478E-04	474336.2 3755790.4	503.0	2.72	6.98
2.53 YES	-					
L0002826	0	0.11478E-04	474350.9 3755787.4	503.0	2.72	6.98
2.53 YES L0002827	0	0.11478E-04	474365.6 3755784.3	503.0	2.72	6.98
2.53 YES	O	0.114781-04	474303.0 3733704.3	202.0	2.72	0.56
L0002828	0	0.11478E-04	474380.2 3755781.3	503.1	2.72	6.98
2.53 YES		0 444707 04	4-4004 0 0	=00.4		4 00
L0002829 2.53 YES	0	0.11478E-04	474394.9 3755778.3	503.1	2.72	6.98
L0002830	0	0.11478E-04	474409.6 3755775.3	503.2	2.72	6.98
2.53 YES	Ū	0.111701 01	171103.0 3733773.3	303.2	2.,2	0.30
L0002831	0	0.11478E-04	474424.3 3755772.2	503.2	2.72	6.98
2.53 YES						
L0002832	0	0.11478E-04	474439.0 3755769.2	503.3	2.72	6.98
2.53 YES	0	0 114705 04	474452 7 2755766 2	F02 2	2 72	c 00
L0002833 2.53 YES	0	0.11478E-04	474453.7 3755766.2	503.3	2.72	6.98
L0002834	0	0.11478E-04	474468.4 3755763.1	503.3	2.72	6.98
2.53 YES	Ū	0.111.701 0.	17110011 373370311	303.3	21,2	0.50
L0002835	0	0.11478E-04	474483.1 3755760.1	503.4	2.72	6.98
2.53 YES						
L0002836	0	0.11478E-04	474497.8 3755757.1	503.4	2.72	6.98
2.53 YES	0	Q 11470F Q4	474510 F 0755754 1	EQ2 4	2 72	6 00
L0002837 2.53 YES	0	0.11478E-04	474512.5 3755754.1	503.4	2.72	6.98
L0002838	0	0.11478E-04	474527.2 3755751.0	503.5	2.72	6.98
2.53 YES	-					
L0002839	0	0.11478E-04	474541.9 3755748.0	503.6	2.72	6.98
2.53 YES						
L0002840	0	0.11478E-04	474556.5 3755745.0	503.7	2.72	6.98
2.53 YES L0002841	0	0 11478F-04	474571.2 3755742.0	503.8	2.72	6.98
2.53 YES	Ü	0.114701 04	4/45/1 <b>:</b> 2 5/55/42 <b>:</b> 0	505.0	2.72	0.50
L0002842	0	0.11478E-04	474585.9 3755738.9	503.8	2.72	6.98
2.53 YES						
L0002843	0	0.11478E-04	474600.6 3755735.9	503.8	2.72	6.98
2.53 YES	0	0 114705 04	474615 2 2755722 0	F02 0	2 72	c 00
L0002844 2.53 YES	0	0.114/8E-04	474615.3 3755732.9	503.8	2.72	6.98
L0002845	0	0.11478E-04	474630.0 3755729.9	503.9	2.72	6.98
2.53 YES	-					
L0002846	0	0.11478E-04	474644.7 3755726.8	504.1	2.72	6.98
2.53 YES						
L0002847	0	0.11478E-04	474659.4 3755723.8	504.3	2.72	6.98
2.53 YES L0002848	0	Q 11/7QE Q4	474674.1 3755720.8	504.5	2.72	6.98
2.53 YES	ь	0.114/0E-04	4/40/4.1 3/33/20.8	364.3	۷./۷	0.30
2.77 IL3						

L0002849 0 0.11478E-04 474688.8 3755717.7 504.6 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	ВУ	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0002850 2.53 YES	0	0.11478E-04	474703.5	3755714.7	504.6	2.72	6.98
L0002851 2.53 YES	0	0.11478E-04	474718.2	3755711.7	504.6	2.72	6.98
L0002852 2.53 YES	0	0.11478E-04	474732.8	3755708.7	504.5	2.72	6.98
L0002853	0	0.11478E-04	474747.5	3755705.7	504.4	2.72	6.98
2.53 YES L0002854	0	0.11478E-04	474762.3	3755702.8	504.4	2.72	6.98
2.53 YES L0002855	0	0.11478E-04	474777.0	3755699.8	504.4	2.72	6.98
2.53 YES L0002856	0	0.11478E-04	474791.7	3755696.9	504.5	2.72	6.98
2.53 YES L0002857	0	0.11478E-04	474806.4	3755693.9	504.7	2.72	6.98
2.53 YES L0002858	0	0.11478E-04	474821.1	3755691.0	504.8	2.72	6.98
2.53 YES L0002859	0	0.11478E-04	474835.8	3755688.1	504.9	2.72	6.98
2.53 YES L0002860	0	0.11478E-04	474850.5	3755685.1	505.0	2.72	6.98
2.53 YES L0002861	0	0.11478E-04	474865.2	3755682.2	505.0	2.72	6.98
2.53 YES L0002862	0	0.11478E-04	474879.9	3755679.3	505.1	2.72	6.98
2.53 YES L0002863 2.53 YES	0	0.11478E-04	474894.6	3755676.3	505.0	2.72	6.98

L0002864	0	0.11478E-04	474909.4 3755673.4	505.0	2.72	6.98
2.53 YES						
L0002865	0	0.11478E-04	474924.1 3755670.5	505.0	2.72	6.98
2.53 YES						
L0002866	0	0.11478E-04	474938.8 3755667.5	505.0	2.72	6.98
2.53 YES						
L0002867	0	0.11478E-04	474953.5 3755664.6	505.0	2.72	6.98
2.53 YES						
L0002868	0	0 11/78F_0/	474968.2 3755661.6	505.1	2.72	6.98
2.53 YES	U	0.114/0L-04	474308.2 3733001.0	303.1	2.72	0.50
	•	0 114705 04	474002 0 2755650 7	FOF 1	2 72	6 00
L0002869	0	0.114/8E-04	474982.9 3755658.7	505.1	2.72	6.98
2.53 YES						
L0002870	0	0.11478E-04	474997.6 3755655.8	505.1	2.72	6.98
2.53 YES						
L0002871	0	0.11478E-04	475012.3 3755652.8	505.0	2.72	6.98
2.53 YES						
L0002872	0	0.11478F-04	475027.0 3755649.9	505.0	2.72	6.98
2.53 YES	Ū	0.114700 04	473027.0 3733043.3	303.0	2.72	0.30
L0002873	a	0 11470E 04	475041 7 2755647 Q	EQ4 0	2.72	6.98
	0	0.114/86-04	475041.7 3755647.0	504.9	2.72	0.98
2.53 YES	_					
L0002874	0	0.11478E-04	475056.5 3755644.0	504.8	2.72	6.98
2.53 YES						
L0002875	0	0.11478E-04	475071.2 3755641.1	504.6	2.72	6.98
2.53 YES						
L0002876	0	0.11478F-04	475085.9 3755638.1	504.5	2.72	6.98
2.53 YES	Ū	01111701 01	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	30.03	_*,_	0.50
L0002877	0	0 11/70E 0/	475100.6 3755635.2	504.4	2.72	6.98
	Ø	0.114/00-04	4/3100.0 3/33033.2	364.4	2.72	0.90
2.53 YES	_	0 444707 04	4==44= 0 0===400 0			
L0002878	0	0.114/8E-04	475115.3 3755632.3	504.4	2.72	6.98
2.53 YES						
L0002879	0	0.11478E-04	475130.0 3755629.3	504.3	2.72	6.98
2.53 YES						
L0002880	0	0.11478E-04	475144.7 3755626.4	504.3	2.72	6.98
2.53 YES						
L0002881	a	0 11478F-04	475159.4 3755623.5	504 2	2.72	6.98
2.53 YES	U	0.114701 04	4/3133.4 3/33023.3	304.2	2.72	0.50
	0	0 114705 04	475174 1 2755C20 5	F04 0	2 72	c 00
L0002882	0	0.114/8E-04	475174.1 3755620.5	504.0	2.72	6.98
2.53 YES	_					
L0002883	0	0.11478E-04	475188.8 3755617.6	503.9	2.72	6.98
2.53 YES						
L0002884	0	0.11478E-04	475203.5 3755614.7	503.7	2.72	6.98
2.53 YES						
L0002885	0	0.11478E-04	475218.4 3755613.0	503.6	2.72	6.98
2.53 YES	-	· · · · · · · · · · · · · · · · · · ·			<del>-</del>	- · ·
L0002886	0	0 11478F-04	475233.4 3755611.8	503.4	2.72	6.98
	Ð	U.114/0L-04	7/J2JJ.4 J/JJUII.0	JUJ.4	2.12	0.50
2.53 YES	^	0 444705 01	475240 2 275540 5	F02 2	2 72	6.00
L0002887	0	0.114/8E-04	475248.3 3755610.5	503.2	2.72	6.98
2.53 YES						
L0002888	0	0.11478E-04	475263.3 3755609.3	503.1	2.72	6.98
2.53 YES						

L0002889 0 0.11478E-04 475278.2 3755608.0 503.0 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

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\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RATE	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC) VARY	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0002890 2.53 YES	0	0.11478E-04	475293.2	3755606.8	502.9	2.72	6.98
L0002891 2.53 YES	0	0.11478E-04	475308.2	3755606.2	502.9	2.72	6.98
L0002892 2.53 YES	0	0.11478E-04	475323.1	3755606.4	502.8	2.72	6.98
L0002893	0	0.11478E-04	475338.1	3755606.7	502.8	2.72	6.98
2.53 YES L0002894	0	0.11478E-04	475353.1	3755606.9	502.8	2.72	6.98
2.53 YES L0002895	0	0.11478E-04	475368.1	3755607.1	502.8	2.72	6.98
2.53 YES L0002896	0	0.11478E-04	475383.1	3755607.4	502.9	2.72	6.98
2.53 YES L0002897	0	0.11478E-04	475398.1	3755607.6	502.9	2.72	6.98
2.53 YES L0002898	0	0.11478E-04	475413.1	3755607.8	503.0	2.72	6.98
2.53 YES L0002899	0	0.11478E-04	475428.1	3755608.1	503.1	2.72	6.98
2.53 YES L0002900	0	0.11478E-04	475443.1	3755608.3	503.2	2.72	6.98
2.53 YES L0002901	0	0.11478E-04	475458.1	3755608.6	503.3	2.72	6.98
2.53 YES L0002902	0	0.11478E-04	475473.1	3755608.8	503.5	2.72	6.98
2.53 YES L0002903 2.53 YES	0	0.11478E-04	475488.1	3755609.0	503.7	2.72	6.98

L0002904	0	0.11478E-04	475503.1 3755609.3	503.9	2.72	6.98
2.53 YES L0002905	0	0.11478E-04	475518.1 3755609.5	504.2	2.72	6.98
2.53 YES	Ū	0,111,701 0.	1,331011 3,3300313	30.12	_,,_	0.50
L0002906	0	0.11478E-04	475533.1 3755609.7	504.4	2.72	6.98
2.53 YES	_					
L0002907	0	0.11478E-04	475548.1 3755610.0	504.7	2.72	6.98
2.53 YES L0002908	0	0.11478E-04	475563.1 3755610.2	504.9	2.72	6.98
2.53 YES	U	0.114700 04	4/3303.1 3/33010.2	J04.J	2.72	0.50
L0002909	0	0.11478E-04	475578.1 3755610.5	505.1	2.72	6.98
2.53 YES						
L0002910	0	0.11478E-04	475593.1 3755610.7	505.4	2.72	6.98
2.53 YES	_					
L0002911	0	0.11478E-04	475608.1 3755610.9	505.6	2.72	6.98
2.53 YES L0002912	0	0.11478E-04	475623.1 3755611.2	505.9	2.72	6.98
2.53 YES	V	0.114/66-04	4/3023.1 3/33011.2	303.9	2.72	0.36
L0002913	0	0.11478E-04	475638.1 3755611.4	506.1	2.72	6.98
2.53 YES						
L0002914	0	0.11478E-04	475653.1 3755611.6	506.4	2.72	6.98
2.53 YES						
L0002915	0	0.11478E-04	475668.1 3755611.9	506.6	2.72	6.98
2.53 YES	^	0 114705 04	475602 4 2755612 4	F06 0	2 72	c 00
L0002916 2.53 YES	0	0.11478E-04	475683.1 3755612.1	506.8	2.72	6.98
L0002917	0	0.11478E-04	475698.1 3755612.3	506.9	2.72	6.98
2.53 YES	Ū	0.111702 01	1,3030.1 3,33012.3	300.3	2.,2	0.30
L0002918	0	0.11478E-04	475713.1 3755612.6	507.1	2.72	6.98
2.53 YES						
L0002919	0	0.11478E-04	475728.1 3755612.8	507.3	2.72	6.98
2.53 YES	•	0 111705 04	475742 4 2755642 4	F07 4	2 72	
L0002920 2.53 YES	0	0.11478E-04	475743.1 3755613.1	507.4	2.72	6.98
L0002921	0	0.11478F-04	475758.1 3755613.3	507.5	2.72	6.98
2.53 YES	Ū	0.111.701 0.	1,3,3012 3,3302313	307.13	_,,_	0.50
L0002922	0	0.11478E-04	475773.1 3755613.5	507.6	2.72	6.98
2.53 YES						
L0002923	0	0.11478E-04	475788.1 3755613.8	507.4	2.72	6.98
2.53 YES	0	0 114705 04	475002 1 2755614 Q	FQ7 1	2 72	6 00
L0002924 2.53 YES	0	0.114/86-04	475803.1 3755614.0	507.1	2.72	6.98
L0002925	0	0.11478E-04	475818.1 3755614.2	505.0	2.72	6.98
2.53 YES	•					
L0002926	0	0.11478E-04	475833.1 3755614.5	502.8	2.72	6.98
2.53 YES						
L0002927	0	0.11478E-04	475848.1 3755614.7	503.9	2.72	6.98
2.53 YES	0	0 114705 04	47E062 1 27E5645 2	FOF 3	2 72	C 00
L0002928 2.53 YES	0	υ.114/8E-04	475863.1 3755615.0	505.2	2.72	6.98
2.JJ 1E3						

L0002929 0 0.11478E-04 475878.1 3755615.2 506.9 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
1,000,000	0	0.11478E-04	475000 1	2755615 4	FQ7 4	2 72	6 08
L0002930 2.53 YES	О	0.114/8E-04	4/5893.1	3/55615.4	507.4	2.72	6.98
L0002931	0	0.11478E-04	475908.1	3755615.7	507.3	2.72	6.98
2.53 YES L0002932	۵	0 114705 04	475022 1	2755615 0	F07 2	2.72	6.98
2.53 YES	0	0.11478E-04	4/5925.1	3/33013.9	507.2	2.72	0.98
L0002933	0	0.11478E-04	475938.1	3755616.1	507.1	2.72	6.98
2.53 YES	0	0 114705 04	475052 1	2755616 4	F06 0	2 72	6.00
L0002934 2.53 YES	0	0.11478E-04	4/5953.1	3/55616.4	506.9	2.72	6.98
L0002935	0	0.11478E-04	475968.1	3755616.6	506.7	2.72	6.98
2.53 YES			4==000 4	2===444			4 00
L0002936 2.53 YES	0	0.11478E-04	475983.1	3755616.9	506.4	2.72	6.98
L0002937	0	0.11478E-04	475998.1	3755617.1	506.2	2.72	6.98
2.53 YES							
L0002938 2.53 YES	0	0.11478E-04	476013.1	3755617.3	505.9	2.72	6.98
L0002939	0	0.11478E-04	476028.1	3755617.6	505.6	2.72	6.98
2.53 YES							
L0002940	0	0.11478E-04	476043.1	3755617.8	505.4	2.72	6.98
2.53 YES L0002941	0	0.11478E-04	476058.1	3755618.0	505.1	2.72	6.98
2.53 YES							
L0002942	0	0.11478E-04	476073.1	3755618.3	504.8	2.72	6.98
2.53 YES L0002943	0	0.11478E-04	476088 1	3755618 5	504.5	2.72	6.98
2.53 YES	Ŭ	0.111/0L 04	., 0000.1	5,550 <b>10.</b> 5	50 1.5	2.,2	0.50

L0002944	0	0.11478E-04	476103.1 3755618.7	504.3	2.72	6.98
2.53 YES L0002945	0	0.11478E-04	476118.1 3755619.0	504.0	2.72	6.98
2.53 YES	Ü	0.114701 04	470110.1 3733013.0	304.0	2.72	0.50
L0002946	0	0.11478E-04	476133.0 3755619.2	503.7	2.72	6.98
2.53 YES						
L0002947	0	0.11478E-04	476148.0 3755619.5	503.4	2.72	6.98
2.53 YES L0002948	0	0.11478E-04	476163.0 3755619.7	503.1	2.72	6.98
2.53 YES	ð	0.114781-04	4/0103.0 3/33019./	303.1	2.72	0.98
L0002949	0	0.11478E-04	476178.0 3755619.9	502.9	2.72	6.98
2.53 YES						
L0002950	0	0.11478E-04	476193.0 3755620.2	502.6	2.72	6.98
2.53 YES						
L0002951	0	0.11478E-04	476208.0 3755620.4	502.4	2.72	6.98
2.53 YES	0	0 114705 04	476222 0 2755620 6	F02 2	2 72	c 00
L0002952 2.53 YES	0	0.11478E-04	476223.0 3755620.6	502.2	2.72	6.98
L0002953	0	0.11478E-04	476238.0 3755620.9	502.1	2.72	6.98
2.53 YES	Ū	0.111702 01	17023010 373302013	302.1	2.,,_	0.30
L0002954	0	0.11478E-04	476253.0 3755621.1	502.0	2.72	6.98
2.53 YES						
L0002955	0	0.11478E-04	476268.0 3755621.4	501.9	2.72	6.98
2.53 YES						
L0002956	0	0.11478E-04	476283.0 3755621.6	501.9	2.72	6.98
2.53 YES	0	0 114705 04	47C200 0 27FFC21 0	F01 0	2 72	c 00
L0002957 2.53 YES	0	0.11478E-04	476298.0 3755621.8	501.8	2.72	6.98
L0002958	0	0.11478E-04	476313.0 3755622.1	501.9	2.72	6.98
2.53 YES	Ü	0.114702 04	+/0313:0 3/33022:1	301.3	2.72	0.50
L0002959	0	0.11478E-04	476328.0 3755622.3	501.9	2.72	6.98
2.53 YES						
L0002960	0	0.11478E-04	476343.0 3755622.5	502.0	2.72	6.98
2.53 YES						
L0002961	0	0.114/8E-04	476358.0 3755622.8	502.0	2.72	6.98
2.53 YES L0002962	0	0 11/78F_0/	476373.0 3755623.0	502.1	2.72	6.98
2.53 YES	ð	0.114/81-04	4/05/5.0 5/55025.0	302.1	2.72	0.98
L0002963	0	0.11478E-04	476388.0 3755623.3	502.1	2.72	6.98
2.53 YES						
L0002964	0	0.11478E-04	476403.0 3755623.5	502.1	2.72	6.98
2.53 YES						
L0002965	0	0.11478E-04	476418.0 3755623.7	502.1	2.72	6.98
2.53 YES	0	0 114705 04	476422 0 2755624 0	F02 1	2 72	c 00
L0002966	0	Ø.114/8E-04	476433.0 3755624.0	502.1	2.72	6.98
2.53 YES L0002967	0	0.11478F-04	476448.0 3755624.2	502.1	2.72	6.98
2.53 YES	O	J.114/UL U4	1,044010 3/3302412	JUZ.I	<b>~•</b> / <b>~</b>	0.00
L0002968	0	0.11478E-04	476463.0 3755624.4	502.1	2.72	6.98
2.53 YES						

L0002969 0 0.11478E-04 476478.0 3755624.7 502.2 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

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\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0002970 2.53 YES	0	0.11478E-04	476493.0	3755624.9	502.2	2.72	6.98
L0002971 2.53 YES	0	0.11478E-04	476508.0	3755625.1	502.2	2.72	6.98
L0002972 2.53 YES	0	0.11478E-04	476523.0	3755625.4	502.3	2.72	6.98
L0002973	0	0.11478E-04	476514.3	3755644.4	502.5	2.72	6.98
L0002974	0	0.11478E-04	476499.3	3755644.1	502.4	2.72	6.98
2.53 YES L0002975	0	0.11478E-04	476484.3	3755643.8	502.4	2.72	6.98
2.53 YES L0002976	0	0.11478E-04	476469.3	3755643.5	502.4	2.72	6.98
2.53 YES L0002977	0	0.11478E-04	476454.3	3755643.2	502.3	2.72	6.98
2.53 YES L0002978	0	0.11478E-04	476439.3	3755642.9	502.3	2.72	6.98
2.53 YES L0002979	0	0.11478E-04	476424.3	3755642.6	502.3	2.72	6.98
2.53 YES L0002980	0	0.11478E-04	476409.3	3755642.3	502.4	2.72	6.98
2.53 YES L0002981	0	0.11478E-04	476394.3	3755642.1	502.4	2.72	6.98
2.53 YES L0002982	0	0.11478E-04	476379.3	3755641.8	502.4	2.72	6.98
2.53 YES L0002983 2.53 YES	0	0.11478E-04	476364.3	3755641.5	502.4	2.72	6.98

L0002984	0	0.11478E-04	476349.3 3755641.2	502.4	2.72	6.98
2.53 YES L0002985	0	0.11478E-04	476334.3 3755640.9	502.2	2.72	6.98
2.53 YES						
L0002986	0	0.11478E-04	476319.3 3755640.6	502.1	2.72	6.98
2.53 YES L0002987	0	0.11478E-04	476304.3 3755640.3	502.0	2.72	6.98
2.53 YES	Ü	0.114702 04	+7050+.5 57550+0.5	302.0	2.72	0.50
L0002988	0	0.11478E-04	476289.3 3755640.0	502.0	2.72	6.98
2.53 YES	_	0 444707 04	474074 2 2777422 7			
L0002989 2.53 YES	0	0.11478E-04	476274.3 3755639.7	502.0	2.72	6.98
L0002990	0	0.11478E-04	476259.3 3755639.4	502.1	2.72	6.98
2.53 YES			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	33-1-		
L0002991	0	0.11478E-04	476244.3 3755639.1	502.1	2.72	6.98
2.53 YES	_	0 444707 04	474000 0 0777400 0			
L0002992 2.53 YES	0	0.11478E-04	476229.3 3755638.8	502.2	2.72	6.98
L0002993	0	0.11478E-04	476214.3 3755638.5	502.4	2.72	6.98
2.53 YES	_					
L0002994	0	0.11478E-04	476199.3 3755638.3	502.5	2.72	6.98
2.53 YES	0	0 114705 04	476104 2 2755620 0	F02 7	2 72	6 00
L0002995 2.53 YES	0	0.11478E-04	476184.3 3755638.0	502.7	2.72	6.98
L0002996	0	0.11478E-04	476169.4 3755637.7	502.9	2.72	6.98
2.53 YES						
L0002997	0	0.11478E-04	476154.4 3755637.4	503.2	2.72	6.98
2.53 YES	0	0 114705 04	476120 4 2755627 1	F02 4	2 72	c 00
L0002998 2.53 YES	0	0.11478E-04	476139.4 3755637.1	503.4	2.72	6.98
L0002999	0	0.11478E-04	476124.4 3755636.8	503.7	2.72	6.98
2.53 YES						
L0003000	0	0.11478E-04	476109.4 3755636.5	504.0	2.72	6.98
2.53 YES L0003001	0	0 11478F-04	476094.4 3755636.2	504.2	2.72	6.98
2.53 YES	Ü	0.114702 04	+7005 <del>4.</del> + 5755050.2	J07.2	2.72	0.50
L0003002	0	0.11478E-04	476079.4 3755635.9	504.5	2.72	6.98
2.53 YES	_	0 444707 04	474044 4 0777407 4			
L0003003 2.53 YES	0	0.114/8E-04	476064.4 3755635.6	504.8	2.72	6.98
L0003004	0	0.11478E-04	476049.4 3755635.3	505.2	2.72	6.98
2.53 YES	_					
L0003005	0	0.11478E-04	476034.4 3755635.0	505.5	2.72	6.98
2.53 YES	0	0 114705 04	476010 4 2755624 0	FOF 0	2 72	C 00
L0003006 2.53 YES	0	0.114/8E-04	476019.4 3755634.8	505.8	2.72	6.98
L0003007	0	0.11478E-04	476004.4 3755634.5	506.1	2.72	6.98
2.53 YES						
L0003008	0	0.11478E-04	475989.4 3755634.2	506.4	2.72	6.98
2.53 YES						

L0003009 0 0.11478E-04 475974.4 3755633.9 506.6 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0003010 2.53 YES	0	0.11478E-04	475959.4	3755633.6	506.9	2.72	6.98
L0003011 2.53 YES	0	0.11478E-04	475944.4	3755633.3	506.9	2.72	6.98
L0003012	0	0.11478E-04	475929.4	3755633.0	506.9	2.72	6.98
2.53 YES L0003013	0	0.11478E-04	475914.4	3755632.7	506.7	2.72	6.98
2.53 YES L0003014	0	0.11478E-04	475899.4	3755632.4	506.7	2.72	6.98
2.53 YES L0003015	0	0.11478E-04	475884.4	3755632.1	506.6	2.72	6.98
2.53 YES L0003016	0	0.11478E-04	475869.4	3755631.8	505.2	2.72	6.98
2.53 YES L0003017	0	0.11478E-04	475854.4	3755631.5	503.9	2.72	6.98
2.53 YES L0003018	0	0.11478E-04	475839.4	3755631.2	503.0	2.72	6.98
2.53 YES L0003019	0	0.11478E-04	475824.4	3755631.0	503.5	2.72	6.98
2.53 YES L0003020	0	0.11478E-04	475809.4	3755630.7	505.3	2.72	6.98
2.53 YES L0003021	0	0.11478E-04	475794.4	3755630.4	505.9	2.72	6.98
2.53 YES L0003022	0	0.11478E-04	475779.4	3755630.1	506.1	2.72	6.98
2.53 YES L0003023 2.53 YES	0	0.11478E-04	475764.4	3755629.8	506.1	2.72	6.98

L0003024	0	0.11478E-04	475749.4 3755629.5	506.0	2.72	6.98
2.53 YES L0003025	0	0.11478E-04	475734.4 3755629.2	506.0	2.72	6.98
2.53 YES			., , , , , , , , , , , , , , , , , , ,			0,120
L0003026	0	0.11478E-04	475719.4 3755628.9	505.9	2.72	6.98
2.53 YES	0	0 114705 04	475704 4 2755620 6	F0F 0	2 72	6 00
L0003027 2.53 YES	0	0.11478E-04	475704.4 3755628.6	505.9	2.72	6.98
L0003028	0	0.11478E-04	475689.4 3755628.3	505.9	2.72	6.98
2.53 YES						
L0003029	0	0.11478E-04	475674.4 3755628.0	505.8	2.72	6.98
2.53 YES		0 444705 04	475650 5 2755627 7	505.0	2 72	
L0003030 2.53 YES	0	0.11478E-04	475659.5 3755627.7	505.9	2.72	6.98
L0003031	0	0.11478E-04	475644.5 3755627.4	505.8	2.72	6.98
2.53 YES	O	0.114781-04	4/3044.3 3/3302/.4	303.0	2.72	0.50
L0003032	0	0.11478E-04	475629.5 3755627.2	505.8	2.72	6.98
2.53 YES						
L0003033	0	0.11478E-04	475614.5 3755626.9	505.6	2.72	6.98
2.53 YES						
L0003034	0	0.11478E-04	475599.5 3755626.6	505.5	2.72	6.98
2.53 YES	0	0 114705 04	47FF04 F 27FF626 2	F0F 2	2 72	c 00
L0003035 2.53 YES	0	0.11478E-04	475584.5 3755626.3	505.3	2.72	6.98
L0003036	0	0.11478E-04	475569.5 3755626.0	505.1	2.72	6.98
2.53 YES	· ·	0.114702 04	473303.3 3733020.0	505.1	2.72	0.50
L0003037	0	0.11478E-04	475554.5 3755625.7	504.9	2.72	6.98
2.53 YES						
L0003038	0	0.11478E-04	475539.5 3755625.4	504.7	2.72	6.98
2.53 YES	_					
L0003039	0	0.11478E-04	475524.5 3755625.1	504.4	2.72	6.98
2.53 YES L0003040	0	0.11478E-04	475509.5 3755624.8	504.2	2.72	6.98
2.53 YES	· ·	0.114/81-04	4/3303.3 3/33024.6	304.2	2.72	0.98
L0003041	0	0.11478E-04	475494.5 3755624.5	504.0	2.72	6.98
2.53 YES						
L0003042	0	0.11478E-04	475479.5 3755624.2	503.9	2.72	6.98
2.53 YES						
L0003043	0	0.11478E-04	475464.5 3755623.9	503.8	2.72	6.98
2.53 YES L0003044	0	Q 11470E Q4	475449.5 3755623.6	503.7	2.72	6.98
2.53 YES	Ø	0.114/66-04	4/3449.3 3/33023.0	303.7	2.72	0.90
L0003045	0	0.11478F-04	475434.5 3755623.4	503.6	2.72	6.98
2.53 YES	-					
L0003046	0	0.11478E-04	475419.5 3755623.1	503.6	2.72	6.98
2.53 YES						
L0003047	0	0.11478E-04	475404.5 3755622.8	503.5	2.72	6.98
2.53 YES	^	0 114705 04	47F300 F 37F5633 4	F02 6	2 72	C 00
L0003048 2.53 YES	0	0.114/8E-04	475389.5 3755623.4	503.6	2.72	6.98
2.33 YES						

L0003049 0 0.11478E-04 475374.5 3755624.0 503.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.	
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY	
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0003050 2.53 YES	0	0.11478E-04	475359.5	3755624.6	503.6	2.72	6.98	
L0003051 2.53 YES	0	0.11478E-04	475344.5	3755625.2	503.7	2.72	6.98	
L0003052 2.53 YES	0	0.11478E-04	475329.6	3755625.7	503.8	2.72	6.98	
L0003053	0	0.11478E-04	475314.6	3755626.3	503.8	2.72	6.98	
2.53 YES L0003054	0	0.11478E-04	475299.6	3755626.9	503.9	2.72	6.98	
2.53 YES L0003055	0	0.11478E-04	475284.6	3755627.5	503.9	2.72	6.98	
2.53 YES L0003056	0	0.11478E-04	475269.7	3755628.9	504.0	2.72	6.98	
2.53 YES L0003057	0	0.11478E-04	475254.7	3755630.5	504.1	2.72	6.98	
2.53 YES L0003058	0	0.11478E-04	475239.8	3755632.0	504.1	2.72	6.98	
2.53 YES L0003059	0	0.11478E-04	475224.9	3755633.6	504.2	2.72	6.98	
2.53 YES L0003060	0	0.11478E-04	475210.0	3755635.2	504.2	2.72	6.98	
2.53 YES L0003061	0	0.11478E-04	475195.1	3755636.8	504.3	2.72	6.98	
2.53 YES L0003062	0	0.11478E-04	475180.2	3755638.4	504.4	2.72	6.98	
2.53 YES								
L0003063 2.53 YES	0	0.11478E-04	475165.3	3755640.0	504.4	2.72	6.98	

1.0002064	•	0 114705 04	475450 2 2755644 6	FO4 F	2 72	6.00
L0003064 2.53 YES	0	0.11478E-04	475150.3 3755641.6	504.5	2.72	6.98
L0003065	0	0.11478E-04	475135.7 3755644.7	504.6	2.72	6.98
2.53 YES						
L0003066	0	0.11478E-04	475121.0 3755647.8	504.7	2.72	6.98
2.53 YES L0003067	0	0.11478E-04	475106.3 3755650.9	504.9	2.72	6.98
2.53 YES	Ū	0.111701 0.	17320013 373303013	30113		0.20
L0003068	0	0.11478E-04	475091.6 3755654.0	505.0	2.72	6.98
2.53 YES	•	0 444705 04	475076 0 2755657 4	F0F 2	2 72	6.00
L0003069 2.53 YES	0	0.11478E-04	475076.9 3755657.1	505.2	2.72	6.98
L0003070	0	0.11478E-04	475062.3 3755660.2	505.3	2.72	6.98
2.53 YES						
L0003071	0	0.11478E-04	475047.6 3755663.3	505.3	2.72	6.98
2.53 YES	0	Q 11470F Q4	475032.9 3755666.3	FQF 4	2.72	c 00
L0003072 2.53 YES	0	0.11478E-04	4/5032.9 3/55000.5	505.4	2.72	6.98
L0003073	0	0.11478E-04	475018.2 3755669.4	505.5	2.72	6.98
2.53 YES						
L0003074	0	0.11478E-04	475003.6 3755672.5	505.5	2.72	6.98
2.53 YES L0003075	0	0.11478E-04	474988.9 3755675.6	505.6	2.72	6.98
2.53 YES	Ū	0.114781-04	474000.0 0700070.0	202.0	2.72	0.56
L0003076	0	0.11478E-04	474974.2 3755678.7	505.7	2.72	6.98
2.53 YES						
L0003077	0	0.11478E-04	474959.5 3755681.8	505.8	2.72	6.98
2.53 YES L0003078	0	0.11478E-04	474944.9 3755684.9	505.9	2.72	6.98
2.53 YES		0.111701 01	17 13 1113 373300113	303.3	2.,2	0.30
L0003079	0	0.11478E-04	474930.2 3755688.0	506.1	2.72	6.98
2.53 YES	•	0.444705.04	474045 5 2755604 4	506.0	2 72	
L0003080 2.53 YES	0	0.11478E-04	474915.5 3755691.1	506.2	2.72	6.98
L0003081	0	0.11478E-04	474900.8 3755694.2	506.2	2.72	6.98
2.53 YES						
L0003082	0	0.11478E-04	474886.1 3755697.3	506.2	2.72	6.98
2.53 YES L0003083	0	0 11470E 04	474871.5 3755700.4	506.2	2.72	6.98
2.53 YES	Ø	0.114/86-04	4/46/1.3 3/33/00.4	300.2	2.72	0.96
L0003084	0	0.11478E-04	474856.8 3755703.5	506.1	2.72	6.98
2.53 YES						
L0003085	0	0.11478E-04	474842.1 3755706.6	506.0	2.72	6.98
2.53 YES L0003086	0	0.11478F-04	474827.4 3755709.7	506.0	2.72	6.98
2.53 YES	Ü	0.114701 04	474027.4 3733703.7	300.0	2.72	0.30
L0003087	0	0.11478E-04	474812.8 3755712.8	506.0	2.72	6.98
2.53 YES	_	0.444=0=.5:	474700 4 277747 2	F06.4	2 =2	
L0003088 2.53 YES	0	0.114/8E-04	474798.1 3755715.9	506.1	2.72	6.98
2.33 YES						

L0003089 0 0.11478E-04 474783.4 3755719.0 506.1 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN		ON RATE (GRAMS/SEC)	X	٧	FI FV	HETGHT	SY
SZ SOURCE		•	χ	•			5.
ID			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			()	()	()	()	(,
`							
1 0003000	0	0 11 1705 04	474760 7	2755722 4	F06 2	2 72	6.00
L0003090 2.53 YES	0	0.11478E-04	4/4/68./	3/55/22.1	506.2	2.72	6.98
L0003091	0	0.11478E-04	1717E1 1	2755725 2	EQC 2	2.72	6.98
2.53 YES	Ø	0.114/00-04	4/4/54.1	3/33/23.2	300.3	2.72	0.90
L0003092	0	0.11478E-04	171739 1	3755728 3	506.5	2.72	6.98
2.53 YES	U	0.114786-04	4/4/33.4	3/33/20.3	500.5	2.72	0.56
L0003093	0	0.11478E-04	474724.7	3755731.4	506.5	2.72	6.98
2.53 YES	Ü	0,11,701 0.	., .,,	3,33,31.	300.3	_,,_	0.20
L0003094	0	0.11478E-04	474710.0	3755734.5	506.4	2.72	6.98
2.53 YES							
L0003095	0	0.11478E-04	474695.4	3755737.6	506.2	2.72	6.98
2.53 YES							
L0003096	0	0.11478E-04	474680.7	3755740.7	506.1	2.72	6.98
2.53 YES							
L0003097	0	0.11478E-04	474666.0	3755743.8	506.0	2.72	6.98
2.53 YES							
L0003098	0	0.11478E-04	474651.3	3755746.9	505.8	2.72	6.98
2.53 YES	_						
L0003099	0	0.11478E-04	474636.6	3755750.0	505.3	2.72	6.98
2.53 YES	•	0 111705 04	474622 0	2755752 4	504.7	2 72	6.00
L0003100	0	0.11478E-04	4/4622.0	3/55/53.1	504.7	2.72	6.98
2.53 YES L0003101	0	0.11478E-04	474607 2	2755756 2	504.4	2.72	6.98
2.53 YES	Ø	0.114/00-04	4/400/.3	3/33/30.2	304.4	2.72	0.90
L0003102	0	0.11478E-04	171592 6	3755750 3	504.3	2.72	6.98
2.53 YES	U	0.114/0L-04	7,4332.0	J, JJ, JJ. J	204.2	2.12	0.50
L0003103	0	0.11478E-04	474577.9	3755762.4	504.4	2.72	6.98
2.53 YES	J			2.22.02.1		-• <i>-</i> •	5.2 <b>5</b>

L0003104	0	0.11478E-04	474563.3 3755765.5	504.3	2.72	6.98
2.53 YES L0003105	0	0.11478E-04	474548.6 3755768.6	504.1	2.72	6.98
2.53 YES	Ū	0.111.701 0.	17 13 1010 373370010	302	_,,_	0.50
L0003106	0	0.11478E-04	474533.9 3755771.6	504.3	2.72	6.98
2.53 YES						
L0003107	0	0.11478E-04	474519.2 3755774.7	504.3	2.72	6.98
2.53 YES L0003108	0	0.11478E-04	474504.6 3755777.8	504.3	2.72	6.98
2.53 YES	O	0.114701 04	+/+J0+.0 J/JJ///.0	J0 <del>4</del> .J	2.72	0.50
L0003109	0	0.11478E-04	474489.9 3755780.9	504.2	2.72	6.98
2.53 YES						
L0003110	0	0.11478E-04	474475.2 3755784.0	504.0	2.72	6.98
2.53 YES	•	0 444705 04	474460 5 2755707 4	502.0	2 72	
L0003111 2.53 YES	0	0.11478E-04	474460.5 3755787.1	503.8	2.72	6.98
L0003112	0	0.11478E-04	474445.8 3755790.2	503.5	2.72	6.98
2.53 YES	O	0.114701 04	+/ <del>+++</del> 5.0 5/55/50.2	505.5	2.72	0.50
L0003113	0	0.11478E-04	474431.2 3755793.3	503.4	2.72	6.98
2.53 YES						
L0003114	0	0.11478E-04	474416.5 3755796.4	503.4	2.72	6.98
2.53 YES	•	0 444705 04	474404 0 2755700 5	502.2	2 72	
L0003115	0	0.11478E-04	474401.8 3755799.5	503.3	2.72	6.98
2.53 YES L0003116	0	0.11478E-04	474387.1 3755802.6	503.3	2.72	6.98
2.53 YES	O	0.114781-04	474307.1 3733002.0	202.5	2.72	0.50
L0003117	0	0.11478E-04	474372.5 3755805.7	503.2	2.72	6.98
2.53 YES						
L0003118	0	0.11478E-04	474357.8 3755808.8	503.1	2.72	6.98
2.53 YES						
L0003119	0	0.11478E-04	474343.1 3755811.9	503.1	2.72	6.98
2.53 YES L0003120	0	0.11478E-04	474328.4 3755815.0	502.9	2.72	6.98
2.53 YES	O	0.114781-04	474320.4 3733013.0	302.3	2.72	0.50
L0003121	0	0.11478E-04	474313.8 3755818.1	502.8	2.72	6.98
2.53 YES						
L0003122	0	0.11478E-04	474299.1 3755821.2	502.5	2.72	6.98
2.53 YES	0	0 111705 04	474204 4 2755024 2	F00 4	2 72	
L0003123 2.53 YES	0	0.114/8E-04	474284.4 3755824.3	502.4	2.72	6.98
L0003124	0	0.11478F-04	474269.7 3755827.4	502.3	2.72	6.98
2.53 YES	Ū	0,111,701 0.	1, 12031, 3,3302,11	302.3	_,,_	0.50
L0003125	0	0.11478E-04	474255.0 3755830.5	501.1	2.72	6.98
2.53 YES						
L0003126	0	0.11478E-04	474240.4 3755833.6	499.5	2.72	6.98
2.53 YES	0	0 114705 04	474225 7 2755026 7	400.0	2 72	C 00
L0003127 2.53 YES	0	0.114/8E-04	474225.7 3755836.7	498.9	2.72	6.98
L0003128	0	0.11478E-04	474211.0 3755839.8	499.2	2.72	6.98
2.53 YES	J			· · · -	= · · <b>-</b>	2.23

L0003129 0 0.11478E-04 474196.3 3755842.8 501.5 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TNIT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003130 2.53 YES	0	0.11478E-04	474181.6	3755845.9	502.6	2.72	6.98
L0003131	0	0.11478E-04	474167.0	3755848.9	502.8	2.72	6.98
2.53 YES	-						
L0003132	0	0.11478E-04	474152.3	3755852.0	502.7	2.72	6.98
2.53 YES							
L0003133	0	0.11478E-04	474137.6	3755855.0	502.6	2.72	6.98
2.53 YES	0	0 114705 04	474122 0	2755050 1	F02 F	2 72	6.00
L0003134 2.53 YES	0	0.11478E-04	4/4122.9	3755858.1	502.5	2.72	6.98
L0003135	0	0.11478E-04	17/11/08 2	3755861.1	502.4	2.72	6.98
2.53 YES	U	0.114/01-04	474100.2	3/33001.1	302.4	2.72	0.58
L0003136	0	0.11478E-04	474093.5	3755864.2	502.4	2.72	6.98
2.53 YES							
L0003137	0	0.11478E-04	474078.8	3755867.2	502.4	2.72	6.98
2.53 YES							
L0003138	0	0.11478E-04	474064.2	3755870.3	502.4	2.72	6.98
2.53 YES	_						
L0003139	0	0.11478E-04	474049.5	3755873.4	502.2	2.72	6.98
2.53 YES	0	0 114705 04	474024 0	2755076 4	F02 1	2.72	6.00
L0003140 2.53 YES	0	0.11478E-04	4/4034.8	3755876.4	502.1	2.72	6.98
L0003141	0	0.11478E-04	474020 1	3755879.5	501.8	2.72	6.98
2.53 YES	J	0.114701 04	474020.1	3,330,3.3	301.0	2.72	0.50
L0003142	0	0.11478E-04	474005.4	3755882.5	501.4	2.72	6.98
2.53 YES	-					–	
L0003143	0	0.11478E-04	473990.7	3755885.6	501.1	2.72	6.98
2.53 YES							

L0003144	0	0.11478E-04	473976.0 3755888.6	500.7	2.72	6.98
2.53 YES L0003145	0	0.11478E-04	473961.4 3755891.7	500.3	2.72	6.98
2.53 YES	О	0.114/86-04	4/3901.4 3/33891./	300.3	2.72	0.98
L0003146 2.53 YES	0	0.11478E-04	473946.7 3755894.7	500.0	2.72	6.98
L0003147 2.53 YES	0	0.11478E-04	473932.0 3755897.8	499.7	2.72	6.98
L0003148 2.53 YES	0	0.11478E-04	473917.3 3755900.8	499.3	2.72	6.98
L0003149 2.53 YES	0	0.11478E-04	473902.6 3755903.9	499.0	2.72	6.98
L0003150	0	0.11478E-04	473887.9 3755906.9	498.6	2.72	6.98
2.53 YES L0003151	0	0.11478E-04	473873.2 3755910.0	498.2	2.72	6.98
2.53 YES L0003152	0	0.11478E-04	473858.5 3755913.0	497.8	2.72	6.98
2.53 YES L0003153	0	0.11478E-04	473843.9 3755916.1	497.5	2.72	6.98
2.53 YES L0003154	0	0.11478E-04	473829.2 3755919.1	497.1	2.72	6.98
2.53 YES L0003155	0	0.11478E-04	473814.5 3755922.2	496.7	2.72	6.98
2.53 YES L0003156	0	0.11478E-04	473799.8 3755925.2	496.3	2.72	6.98
2.53 YES L0003157	0	0.11478E-04	473785.1 3755928.3	495.8	2.72	6.98
2.53 YES L0003158	0	0.11478E-04	473770.4 3755931.3	495.3	2.72	6.98
2.53 YES L0003159	0	0.11478E-04	473755.7 3755934.4	494.9	2.72	6.98
2.53 YES L0003160	0	0.11478E-04	473741.1 3755937.5	494.5	2.72	6.98
2.53 YES L0003161	0	0.11478E-04	473726.4 3755940.5	494.1	2.72	6.98
2.53 YES L0003162	0	0.11478E-04	473711.7 3755943.6	493.5	2.72	6.98
2.53 YES L0003163	0	0.11478E-04	473697.0 3755946.6	493.0	2.72	6.98
2.53 YES L0003164	0	0.11478E-04	473682.3 3755949.7	492.5	2.72	6.98
2.53 YES L0003165	0	0.11478E-04	473667.6 3755952.7	491.9	2.72	6.98
2.53 YES L0003166	0	0.11478E-04	473652.9 3755955.8	491.3	2.72	6.98
2.53 YES L0003167	0	0.11478E-04	473638.3 3755958.8	490.9	2.72	6.98
2.53 YES L0003168 2.53 YES	0	0.11478E-04	473623.6 3755961.9	490.5	2.72	6.98

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L0003169 0 0.11478E-04 473608.9 3755964.9 489.6 2.72 6.98
2.53
       YES
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                                ***
                     ***
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*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                              *** VOLUME SOURCE DATA ***
             NUMBER EMISSION RATE
                                                   BASE
                                                          RELEASE
                                                                    INIT.
INIT. URBAN EMISSION RATE
              PART. (GRAMS/SEC)
                                  X Y
                                                   ELEV.
                                                          HEIGHT
                                                                      SY
  SOURCE
      SOURCE SCALAR VARY
SZ
              CATS.
                                 (METERS) (METERS) (METERS) (METERS)
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(METERS)
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2.53
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★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION
                     16216 ***
                                ***
                               15:15:04
                               PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                      SOURCE IDs
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

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L0002959	L0002954 , L0002960	, L0002955 , L0002961	, L0002956	, L0002957	, L0002958	,			
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L0002975	L0002970 , L0002976	, L0002971 , L0002977	, L0002972	, L0002973	, L0002974	y			
L0002983	L0002978 , L0002984	, L0002979 , L0002985	, L0002980	, L0002981	, L0002982	y			
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                                    *** 2026 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112 ***
                                   04/06/22
                      16216 ***
                                 ***
*** AERMET - VERSION
                       ***
                                 15:15:04
                                 PAGE 15
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                                           *** SOURCE IDs DEFINING SOURCE GROUPS ***
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★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                               ***
                               15:15:04
                               PAGE 16
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                       *** SOURCE IDS DEFINED AS URBAN SOURCES
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           URBAN POP
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*** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM

*** 04/06/22

*** AERMET - VERSION 16216 *** ***

*** 15:15:04
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINED AS URBAN SOURCES

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URBAN ID	URBAN POP			SOURCE ID	5
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L0002967	L0002962 , L0002968	, L0002963 , L0002969	, L0002964 ,	, L0002965	, L0002966 ,
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↑ *** AERMOD - VERSION 21112 ***
                                  04/06/22
                      16216 ***
 *** AERMET - VERSION
                      ***
                                 15:15:04
                                 PAGE 18
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                         *** SOURCE IDS DEFINED AS URBAN SOURCES
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                                                         SOURCE IDs
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↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                              15:15:04
                              PAGE 19
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                              *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
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474796.0,
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\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

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♠ *** AERMOD - VERSION 21112  ***   *** 2026 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           15:15:04
                           PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
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474766.04 474781.04 474796.04
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 497.30
 3755573.62 | 496.40
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 497.20
            496.90
                      494.70
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           15:15:04
                           PAGE 21
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
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   (METERS)
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789.90 789.90 789.90 3755588.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755573.62   789.90		789.90	789.90	789.90
789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***	*** 2026 OP 04/06/22 ***	ERATIONS - TR	UCK PM	
*** MODELOPTs: RegDFAULT CON	PAGE 22 C ELEV URBAN	ADJ_U*		
	*** GRI	DDED RECEPTOR	NETWORK SUMM	ARY ***
***	*** NETWORK I	D: UCART2 ;	NETWORK TYP	E: GRIDCART
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	*** Y	-COORDINATES ( (METERS)	OF GRID ***	
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*** MODELOPTs: RegDFAULT CON	PAGE 23 C ELEV URBAN	ADJ_U*		
***	*** NETWORK I	D: UCART2 ;	NETWORK TYP	E: GRIDCART
		* ELEVATION I	HEIGHTS IN ME	TERS *
Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895.		4820 <b>.</b> 51 47	X-COORD (ME 4835.51 47	

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3755576.07	495.60 495.60 492.10	493.50	493.00	492.60	492.70
3755561.07	495.20 2.40 492.10	493.10	492.70	492.40	492.50
*** AERMOD - VEI	RSION 21112 *** ***	*** 2026 OF 04/06/22 ***	PERATIONS - TF	RUCK PM	
*** MODEL ODT		PAGE 24	AD7 11*		
*** MODELOPTs:	J		_		
***		*** NETWORK I	D: UCART2 ;	NETWORK TYP	PE: GRIDCART
			* HILL HEIGH	IT SCALES IN M	METERS *
Y-COORD   (METERS)   474865.51 47488	474790.51 47 30.51 474895.5			X-COORD (ME /4835.51 47	
3755606.07   789.90 789	789.90 9.90 789.90	789.90	789.90	789.90	789.90
3755591.07	789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755576.07	789.90	789.90	789.90	789.90	789.90
3755561.07	789.90 789.90	789.90	789.90	789.90	789.90
789.90 789 ★ *** AERMOD - VEI		*** 2026 OF 04/06/22	PERATIONS - TF	RUCK PM	
*** AERMET - VERS	SION 16216 ***	•			
*** MODELOPTs:	RegDFAULT CONC	PAGE 25 ELEV URBAN	ADJ_U*		
		*** GRI	DDED RECEPTOR	NETWORK SUMM	IARY ***
***		*** NETWORK I	D: UCART3 ;	NETWORK TYP	PE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*

474800.9, 474815.9,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755608.3, 3755623.3, \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:15:04 PAGE 26 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474800.90 474815.90 3755623.35 495.80 495.20 3755608.35 | 495.00 494.00 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:15:04 PAGE 27 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) | 474800.90 474815.90 
 3755623.35
 789.90
 789.90

 3755608.35
 789.90
 789.90

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

04/06/22

```
*** AERMET - VERSION 16216 *** ***
                               15:15:04
                               PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
                                      *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                      *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                               15:15:04
                               PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
               474820.81 474835.81
 3755622.54
                  495.00
                              494.80
 3755607.54
                   493.70
                              493.20
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                               15:15:04
                               PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
```

## \* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
(METERS)   474820.81	474835.81
3755622.54   789.90	789.90
· ·	789.90 789.90
•	*** *** 2026 OPERATIONS - TRUCK PM
	04/06/22
*** AERMET - VERSION 16216	
***	15:15:04
	PAGE 31
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** GRIDDED RECEPTOR NETWORK SUMMARY ***
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	ŕ
	*** V COODDINATES OF CDID ***
	*** X-COORDINATES OF GRID ***  (METERS)
	(HETEKS)
474838.9, 474853.9,	
	*** Y-COORDINATES OF GRID *** (METERS)
2755600 / 2755615 /	
3755600.4, 3755615.4, ★ *** AERMOD - VERSION 21112	*** *** 2026 OPERATIONS - TRUCK PM
***	04/06/22
*** AERMET - VERSION 16216	
***	15:15:04
	PAGE 32
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** NETHODY TO LUCADIE . NETHODY TYPE, CRIDCARI
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD	X-COORD (METERS)
<u>:</u>	474853.93

```
3755615.41 | 493.60
3755600.41 | 493.10
                                493.60
                               493.10
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                                15:15:04
                                PAGE 33
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                *** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***
                                              * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                           X-COORD (METERS)
   (METERS) | 474838.93 474853.93
 3755615.41
                    789.90
                                 789.90
                                789.90
 3755600.41
                   789.90
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                               ***
                                15:15:04
                                PAGE 34
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
***
                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)
      474857.7, 474872.7,
                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)
     3755596.5, 3755611.5,
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                      ***
                                15:15:04
                                PAGE 35
```

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RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
   (METERS)
                474857.73 474872.73
 3755611.53
                   493.30
                                493.50
 3755596.53
                    493.00
                              493.10
↑ *** AERMOD - VERSION 21112
                            *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               15:15:04
                               PAGE 36
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
             474857.73 474872.73
   (METERS)
 3755611.53
                   789.90
                               789.90
 3755596.53
                    789.90
                                789.90
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               15:15:04
                               PAGE 37
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                       *** X-COORDINATES OF GRID ***
```

(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755333.7,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

\*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:15:04

PAGE 38

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

#### \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

(METERS)	475108.79 4	75128.79 475148.79	475168.79	475188.79
475208.79	475228.79 475248.	79 475268.79		
2755222 70	1 402 70	402.80 402.20	402 40	402.00
		492.80 492.30 0 496.20	492.40	492.80
		492.40 492.00	402.00	402.46
	•	0 494.40	492.00	492.40
		492.20 491.80	401 70	102 00
		0 493.40	491.70	492.00
		492.10 491.60	101 50	101 70
		0 493.10	491.50	491.70
		492.00 491.60	101 10	101 50
		0 493.20		471.30
		491.90 491.60		491.40
	-	0 493.30		431.40
		491.80 491.70		491.50
	•	0 493.40	132.00	132.30
		492.00 492.00	491.90	491.70
		0 493.30		
		492.10 492.10	492.00	491.70
		0 493.10		
		492.10 492.10	492.00	491.70
	•	0 492.90		
★ *** AERMOD	- VERSION 21112 ***	*** 2026 OPERATIONS	S - TRUCK PM	

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04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:15:04
                            PAGE 39
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475288.79
 3755333.70
                496.60
 3755313.70
                494.90
 3755293.70
                494.00
 3755273.70
                493.80
 3755253.70
                  493.90
 3755233.70
                 493.90
 3755213.70
                 493.90
 3755193.70
                 493.70
 3755173.70
                 493.50
 3755153.70
                 493.40
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:15:04
                            PAGE 40
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                   X-COORD (METERS)
   (METERS) | 475108.79 475128.79 475148.79 475168.79
475208.79 475228.79
                   475248.79
                                475268.79
 3755333.70 | 789.90 789.90
                                        789.90 789.90 789.90
            789.90 789.90 789.90
 789.90
 3755313.70 | 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90 789.90

							789.90	789.90
789.90	789.90	7	789.90		789.90			
3755273.70		789.90		789.90	9	789.90	789.90	789.90
789.90	789.90	7	789.90		789.90			
3755253.70		789.90		789.90	9	789.90	789.90	789.90
789.90	789.90	7	789.90		789.90			
3755233.70		789.90		789.90	9	789.90	789.90	789.90
789.90	789.90	7	789.90		789.90			
3755213.70		789.90		789.90	9	789.90	789.90	789.90
789.90								
3755193.70		789.90		789.90	9	789.90	789.90	789.90
789.90								
							789.90	789.90
	789.90							
3755153.70		789.90		789.90	9	789.90	789.90	789.90
789.90 <b>↑</b> *** AERMOD	789.90	7	789.90		789.90			
★ *** AERMOD	- VERSION	N 21112	***	***	2026 OP	ERATIONS -	TRUCK PM	
		***		04/06	5/22			
*** AERMET -	VERSION	16216	***	***				
		***	:	15:15:6	94			
				2465	4.4			
*** MODELODE	a. Dos			PAGE 4		4D3 11*		
*** MODELOPT	s: keg	SUFAULI	CONC	ELEV	UKBAN	ADJ_U"		
			:	*** NET	LMUDK TI	D. LICARTA	· NETWORK	TYPE: GRIDCART
***				INL	I WORK I	D. OCART	, NLIWORK	TIPL. UNIDCANT
						* HTII HF	GHT SCALES I	N MFTFRS *
Y-COORD	1						X-COORD	(METERS)
(METERS)	j 475	288.79						` ,
3755333.70		789.90						
3755313.70		789.90						
3755293.70	1	789.90						
3755273.70								
3755253.70	j	789.90						
3,33233.70	 	789.90 789.90						
3755233.70	   							
	     	789.90						
3755233.70	       	789.90 789.90						
3755233.70 3755213.70	         	789.90 789.90 789.90						
3755233.70 3755213.70 3755193.70	           	789.90 789.90 789.90 789.90						
3755233.70 3755213.70 3755193.70 3755173.70	             - VERSION	789.90 789.90 789.90 789.90 789.90 789.90	***	*** ]	2026 OP	ERATIONS -	TRUCK PM	
3755233.70 3755213.70 3755193.70 3755173.70 3755153.70 ★ *** AERMOD		789.90 789.90 789.90 789.90 789.90 789.90 N 21112 ***		04/06		ERATIONS -	TRUCK PM	
3755233.70 3755213.70 3755193.70 3755173.70 3755153.70		789.90 789.90 789.90 789.90 789.90 789.90 N 21112 *** 16216	***	04/06 ***	5/22	ERATIONS -	TRUCK PM	
3755233.70 3755213.70 3755193.70 3755173.70 3755153.70 ★ *** AERMOD		789.90 789.90 789.90 789.90 789.90 789.90 N 21112 ***	***	04/06	5/22	ERATIONS -	TRUCK PM	

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475151.6, 475171.6, 475191.6, 475211.6, 475231.6, 475251.6, 475271.6, 475391.6, 475351.6, 475371.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

PAGE 43

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD |

\* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

(METERS)	475151.	63 475	171.63	475191.63	475211.63	475231.63
475251.63	475271.63	475291.63	475311	1.63		
3755398.30	497.	20	497.00	496.70	496.70	497.40
	497.90					
3755378.30	495.	90	495.60	495.20	495.30	496.30
497.30	497.80	497.60	497.	40		
3755358.30	494.	40	494.20	493.80	494.10	495.20
	497.40					
3755338.30	492.	60	492.70	493.00	493.50	494.00
	496.60					
↑ *** AERMOD	- VERSION 211				- TRUCK PM	
			04/06/22			
*** AERMET -	VERSION 162	16 ***	***			

\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:15:04

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORE	O (METERS)	
(METERS)	475331.63	475351.63	475371.63			

3755398.30 497.60 497.70 497.90 3755378.30 497.20 497.20 497.60 3755358.30 497.30 496.70 496.80 3755338.30 496.00 496.30 497.10

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

> \*\*\* 15:15:04

> > PAGE 45

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD						X-COORD	(METERS)
(METERS)	475151	L.63	475171	.63	475191.63	475211.63	475231.63
475251.63	475271.63	47529	1.63	47531	1.63		

	3755398.30		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.	90		
	3755378.30		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.	90		
	3755358.30		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.	90		
	3755338.30		789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.	90		
1	*** AERMOD -	- VERSIO	N 21112 ***	*** 2026	OPERATIONS -	TRUCK PM	
			***	04/06/22			
	*** AFRMET -	VERSTON	16216 ***	***			

VERSION 10510

\*\*\* 15:15:04

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RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \*\*\* \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 3755358.30 789.90 789.90 789.90 3755338.30 789.90 789.90 789.90 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:15:04 PAGE 47 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART \*\*\* \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755404.0, 3755424.0, 3755444.0, ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 15:15:04 PAGE 48 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475185.62 475205.62 475285.62 475305.62 475325.62 475	475225.62 475245	-COORD (METERS) 5.62 475265.62
3755444.04   496.90 497.10 498.30 498.40 498.50 4		7.80 498.10
3755424.04   497.00 497.20 498.10 498.10 498.20 4		7.80 498.00
3755404.04   496.90 496.80	497.20 497	
497.80 497.80 497.70 4  ★ *** AERMOD - VERSION 21112 *** *** 20	22	PM
PAGE 49 *** MODELOPTs: RegDFAULT CONC ELEV		
*** NETW	ORK ID: UCART10 ; NE	ETWORK TYPE: GRIDCART
	<u>.</u>	
	* ELEVATION HEIG	GHTS IN METERS *
Y-COORD   (METERS)   475365.62		GHTS IN METERS * -COORD (METERS)
•		
(METERS)   475365.62 	X- 	-COORD (METERS)
(METERS)   475365.62 	X-   26 OPERATIONS - TRUCK	-COORD (METERS)
(METERS)   475365.62 3755444.04   498.50 3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** *** 20 *** 04/06/	X-   26 OPERATIONS - TRUCK 22	-COORD (METERS)
(METERS)   475365.62  3755444.04   498.50 3755424.04   498.30 3755404.04   497.90  ↑ *** AERMOD - VERSION 21112 *** *** 20  *** 04/06/ *** AERMET - VERSION 16216 *** ***  *** 15:15:04  PAGE 50  *** MODELOPTS: RegDFAULT CONC ELEV	X-   26 OPERATIONS - TRUCK 22	-COORD (METERS)
(METERS)   475365.62	X-  26 OPERATIONS - TRUCK 22 URBAN ADJ_U* ORK ID: UCART10 ; NE	-COORD (METERS)

(METERS)   475185.62 475205.62 475225.62 475245.62 475265.62 475285.62 475305.62 475325.62	.62
3755444.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90	.90
3755424.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90	.90
3755404.04   789.90 789.90 789.90 789.90 789.	.90
789.90 789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM  *** 04/06/22	
*** AERMET - VERSION 16216 *** *** *** 15:15:04	
PAGE 51 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** NETWORK ID: UCART10 ; NETWORK TYPE: GF	RIDCART
* HILL HEIGHT SCALES IN METERS	S *
Y-COORD   X-COORD (METERS)   475365.62	)
3755444.04   789.90 3755424.04   789.90	
3755404.04   789.90 ↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM	
*** 04/06/22 *** AERMET - VERSION 16216 *** *** *** 15:15:04	
PAGE 52 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** GRIDDED RECEPTOR NETWORK SUMMARY	***
*** NETWORK ID: UCART12 ; NETWORK TYPE: GF	RIDCART
*** X-COORDINATES OF GRID *** (METERS)	
475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 47535	50.5,

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755450.2, 3755470.2, 3  *** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	*** *** 2026 ( 04/06/22	OPERATIONS -	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 53 CONC ELEV URBA	AN ADJ_U*		
***	*** NETWORK	ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* ELEVATI	ON HEIGHTS IN	N METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	175270.47		(METERS) 475310.47
		-		
3755490.18   497.30 499.10 499.20	497.80	498.20	498.60	499.00
_	497.80	498.20	498.50	498.80
3755450.18   497.50 498.60 498.60	497.90	498.20	498.40	498.50
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	04/06/22	OPERATIONS -	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 54 CONC ELEV URBA	AN ADJ_U*		
***	*** NETWORK	ID: UCART12	NETWORK	TYPE: GRIDCART
		* HILL HE	IGHT SCALES 1	IN METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	475270.47		(METERS) 475310.47
		-		
3755490.18   789.90 789.90 789.90	789.90	789.90	789.90	789.90

3755470.18	789.90	789.90	789.90	789.90	789.90
	789.90	789.90	789.90	789.90	789.90
	ERSION 21112 ***  ***  RSION 16216 ***	04/06/22	PERATIONS - TE	RUCK PM	
*** MODELOPTs:	RegDFAULT CONC	PAGE 55 C ELEV URBAN	ADJ_U*		
		*** GRI	DDED RECEPTOR	NETWORK SUMM	IARY ***
***		*** NETWORK I	D: UCART13 ;	NETWORK TYP	PE: GRIDCART
		*** X	-COORDINATES (METERS)		
475254.8,	475274.8, 47529	94.8, 475314.	8, 475334.8,		
		*** Y	-COORDINATES (METERS)		
↑ *** AERMOD - V	3755513.8, ERSION 21112 *** *** RSION 16216 ***	04/06/22	PERATIONS - TE	RUCK PM	
*** MODELOPTs:	RegDFAULT CONC	PAGE 56 C ELEV URBAN	ADJ_U*		
***		*** NETWORK I	D: UCART13 ;	NETWORK TYP	PE: GRIDCART
			* ELEVATION	HEIGHTS IN ME	TERS *
Y-COORD   (METERS)	475254.84 47	75274.84      47	5294 <b>.</b> 84 47	X-COORD (ME '5314.84 47	
↑ *** AERMOD - V	498.00 ERSION 21112 *** *** RSION 16216 ***	*** 2026 OF 04/06/22 ***	498.80		499.50 499.20
	***	15:15:04			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84

 3755513.80 |
 789.90
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↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:15:04

PAGE 58

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*
(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:15:04

PAGE 59

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD	(METERS)	
(METERS)	475293.48	475313.48	475333.48		`	
3755332.63	496.50	496.00	495.80	496.30	497.10	
3755312.63	494.90	495.00	495.40	496.10	497.10	
3755292.63	494.10	494.60	495.30	496.10	496.90	
3755272.63	494.00	494.70	495.40	496.20	496.80	
3755252.63	494.10	494.70	495.40	496.00	496.50	
3755232.63	494.10	494.70	495.20	495.70	496.10	
3755212.63	494.00	494.50	494.90	495.30	495.80	
↑ *** AERMOD -			6 OPERATIONS			
7.202	***	04/06/22				
*** AERMET - V	ERSION 16216		_			
71=1111=1	***	15:15:04				
		23.23.0.				
		PAGE 60				
*** MODELOPTs:	RegDFAULT	CONC ELEV U	RBAN ADJ U*			
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		*** NETWOR	RK ID: UCART14	4 : NETWORK	TYPE: GRIDCART	
***				,		
			* HILL H	EIGHT SCALES	IN METERS *	
Y-COORD				X-COORD	(METERS)	
Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48	
· .	475293.48 	475313.48 	475333 <b>.</b> 48			
· .	475293.48 	475313.48 	475333.48  			
· .	475293.48 	475313.48 	475333.48  			
· .	475293.48  	475313.48  	475333.48   789.90			
(METERS)   				475353.48 	475373.48	
(METERS)   	789.90	789.90	789.90	475353.48  789.90	475373.48 	
(METERS)   	789.90 789.90	789.90 789.90	789.90 789.90	475353.48  789.90 789.90	475373.48 	
(METERS)   	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90	475373.48 	
(METERS)   	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755252.63	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:15:04	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:15:04	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:15:04	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	475373.48 	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:15:04	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90	475373.48 	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:15:04	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 - TRUCK PM	475373.48 	

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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,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:15:04

PAGE 62

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI\_V9\_ADJU\PERI\_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

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 10 01 01 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 142. 9.1 280.9 5.5 1.00 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 324. 9.1 280.4 5.5 10 01 01 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 0.40 294. 9.1 278.8 5.5 10 01 01 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 0.90 205. 9.1 278.1 5.5 10 01 01 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 0.61 0.40 3. 9.1 277.0 5.5 1.00 10 01 01 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 0.61 1.30 99. 9.1 277.0 5.5 1.00 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.90 319. 9.1 278.8 5.5 10 01 01 1 09 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 0.90 239. 9.1 284.2 5.5 0.33 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61 0.26 0.40 188. 9.1 289.2 5.5 10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19 0.61 2.70 310. 9.1 290.9 5.5 10 01 01 1 12 97.1 0.281 1.058 0.008 421. 357. -19.7 0.19 2.20 357. 9.1 293.1 5.5 10 01 01 1 13 92.2 0.279 1.117 0.008 523. 354. -20.4 0.19 0.22 2.20 356. 9.1 293.8 5.5 10 01 01 1 14 77.6 0.275 1.102 0.008 595. 347. -23.2 0.19 0.23 2.20 50. 9.1 294.2 5.5 10 01 01 1 15 54.9 0.230 1.006 0.008 640. 266. -19.2 0.19 0.27 1.80 53. 9.1 293.8 5.5 10 01 01 1 16 12.3 0.206 0.613 0.008 648. 225. -61.5 0.19 1.80 11. 9.1 292.5 5.5 0.36 10 01 01 1 17 -3.6 0.087 -9.000 -9.000 -999. 71. 15.6 0.19 0.61 0.90 351. 9.1 290.4 5.5 10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 186. 9.1 287.5 5.5 10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 275. 9.1 285.9 5.5 10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39. 18.1 0.19 0.61 0.40 181. 9.1 285.4 5.5 1.00

10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106. 21.3 0.19

10 01 01 1 22 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61

1.30 318. 9.1 284.9 5.5

1.00 0.90 196. 9.1 283.1 5.5

0.61

```
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61
      0.90 330. 9.1 281.4
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61
1.00 1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01 9.1 1 335. 1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                    *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:15:04
                            PAGE 63
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0002770
                                                           , L0002771
, L0002772
           , L0002773 , L0002774
                                   , L0002777 , L0002778 , L0002779
              L0002775
                       , L0002776
                      , L0002782
           , L0002781
, L0002780
              L0002783 , L0002784 , L0002785 , L0002786 , L0002787
, L0002788
           , L0002789
                       , L0002790
                      , L0002792
                                  , L0002793 , L0002794 , L0002795
              L0002791
, L0002796
          , L0002797
                             *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) |
               474691.04
                          474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.04955
                                      0.05203 0.05333
                            0.05086
                                                             0.05477
0.05636 0.05805 0.05958
                0.04396
                            0.04502 0.04604
                                                  0.04707
 3755618.62
                                                             0.04816
0.04945
          0.05071
                     0.05137
                            0.04060 0.04142
                                                  0.04227
 3755603.62 | 0.03972
                                                             0.04316
0.04418
        0.04511 0.04538
 3755588.62
                                                  0.03841
                0.03629 0.03702 0.03769
                                                             0.03917
```

```
0.03999 0.04071 0.04080
 3755573.62 | 0.03341 0.03402 0.03461 0.03524 0.03587
0.03652
          0.03708
                    0.03709
↑ *** AERMOD - VERSION 21112 ***
                             *** 2026 OPERATIONS - TRUCK PM
                             04/06/22
                   16216 *** ***
*** AERMET - VERSION
                   ***
                            15:15:04
                            PAGE 64
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                                           , L0002771
                            INCLUDING SOURCE(S): L0002770
           , L0002773
                      , L0002774
, L0002772
                                   , L0002777 , L0002778 , L0002779
                       , L0002776
             L0002775
           , L0002781
                       , L0002782
, L0002780
              L0002783 , L0002784 , L0002785 , L0002786 , L0002787
L0002788
           , L0002789
                       , L0002790
                      , L0002792 , L0002793 , L0002794 , L0002795
              L0002791
, L0002796
          , L0002797
                             *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 474790.51 474805.51 474820.51
                                                474835.51
                                                           474850.51
474865.51 474880.51 474895.51
 3755606.07 | 0.04614 0.04649
                                      0.04723
                                                 0.04816
                                                             0.04937
0.05071 0.05213 0.05371
 3755591.07 | 0.04145 0.04159 0.04219
                                                 0.04293
                                                             0.04387
0.04485
        0.04589 0.04690
 3755576.07
                0.03765
                            0.03768 0.03822 0.03881
                                                             0.03959
          0.04116
                    0.04183
0.04037
 3755561.07 | 0.03450
                            0.03451 0.03498 0.03549
                                                             0.03613
0.03677 0.03740
                      0.03800
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                    ***
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            15:15:04
                            PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
```

```
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0002770
                                                                        , L0002771
, L0002772
              , L0002773
                            , L0002774
                            , L0002776
                                           , L0002777
                                                          , L0002778
                                                                        , L0002779
                 L0002775
              , L0002781
                            , L0002782
 L0002780
                                           , L0002785
                                                          , L0002786
                                                                        , L0002787
                             , L0002784
                 L0002783
              , L0002789
                            , L0002790
 L0002788
                             , L0002792
                 L0002791
                                           , L0002793
                                                          , L0002794
                                                                        , L0002795
 L0002796
              , L0002797
                                   *** NETWORK ID: UCART3
                                                           ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
   Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   474800.90
  3755623.35
                     0.05397
                                  0.05515
  3755608.35
                     0.04720
                                  0.04787
↑ *** AERMOD - VERSION 21112
                                    *** 2026 OPERATIONS - TRUCK PM
                                   04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                       ***
                                  15:15:04
                                  PAGE 66
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                        , L0002771
                                                            L0002770
, L0002772
                            , L0002774
              , L0002773
                             , L0002776
                                            , L0002777
                                                          , L0002778
                                                                        , L0002779
                 L0002775
              , L0002781
 L0002780
                            , L0002782
                 L0002783
                                            , L0002785
                             , L0002784
                                                          , L0002786
                                                                        , L0002787
              , L0002789
                            , L0002790
 L0002788
                                           , L0002793
                                                                        , L0002795
                 L0002791
                             , L0002792
                                                          , L0002794
 L0002796
              , L0002797
                                                            ; NETWORK TYPE:
                                   *** NETWORK ID: UCART4
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
                   **
   Y-COORD
                                                               X-COORD (METERS)
```

```
(METERS) | 474820.81 474835.81
                   0.05513
 3755622.54
                              0.05664
 3755607.54
                  0.04780
                               0.04876
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION
                   16216 *** ***
                               15:15:04
                               PAGE 67
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                    L0002770
                                                                 , L0002771
, L0002772
             , L0002773
                         , L0002774
                         , L0002776
                                      , L0002777     , L0002778
                                                                , L0002779
               L0002775
 L0002780
            , L0002781 , L0002782
                         , L0002784
                                                                , L0002787
               L0002783
                                      , L0002785 , L0002786
                         , L0002790
 L0002788
            , L0002789
                         , L0002792
                                      , L0002793 , L0002794 , L0002795
               L0002791
            , L0002797
 L0002796
                                *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                       IN MICROGRAMS/M**3
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
               474838.93 474853.93
                  0.05264
 3755615.41 |
                               0.05413
             0.04628
 3755600.41
                               0.04739
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                               15:15:04
                               PAGE 68
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772 , L0002773 , L0002774
```

```
L0002775
                        , L0002776 , L0002777 , L0002778 , L0002779
, L0002780
             , L0002781
                          , L0002782
                          , L0002784
                                        , L0002785
                                                    , L0002786
               L0002783
                                                                  , L0002787
                          , L0002790
             , L0002789
 L0002788
                          , L0002792
                                       , L0002793
                                                     , L0002794
                L0002791
                                                                  , L0002795
, L0002796
             , L0002797
                                *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                        IN MICROGRAMS/M**3
                 **
   Y-COORD
                                                          X-COORD (METERS)
   (METERS) |
                 474857.73
                           474872.73
                   0.05246
                               0.05406
 3755611.53
 3755596.53
                   0.04622
                               0.04737
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                                15:15:04
                               PAGE 69
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0002770
                                                                  , L0002771
                          , L0002774
, L0002772
             , L0002773
                         , L0002776
               L0002775
                                        , L0002777 , L0002778
                                                                 , L0002779
 L0002780
             , L0002781
                         , L0002782
                                       , L0002785
                                                    , L0002786
                                                                  , L0002787
               L0002783
                          , L0002784
, L0002788
             , L0002789
                          , L0002790
                          , L0002792
                                        , L0002793
                                                                   , L0002795
               L0002791
                                                     , L0002794
             , L0002797
, L0002796
                                 *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                          X-COORD (METERS)
                475108.79 475128.79 475148.79
                                                      475168.79
                                                                475188.79
   (METERS)
475208.79
            475228.79
                        475248.79
                                    475268.79
```

```
3755333.70 | 0.01801 0.01808 0.01817
                                               0.01831
                                                          0.01846
0.01861 0.01875 0.01893 0.01913
 3755313.70 0.01700 0.01706 0.01714
                                               0.01725
                                                          0.01739
        0.01763 0.01775 0.01788
0.01751
 3755293.70 0.01610 0.01616
                                               0.01632
                                                          0.01643
                                     0.01623
0.01654
           0.01664 0.01673 0.01683
 3755273.70 0.01530 0.01535 0.01541
                                               0.01548
                                                          0.01558
           0.01576 0.01584 0.01593
0.01567
 3755253.70 | 0.01456
                                               0.01473
                           0.01461
                                     0.01467
                                                          0.01481
0.01489
           0.01498
                     0.01506
                               0.01514
 3755233.70
               0.01388 0.01394
                                     0.01399
                                               0.01405
                                                          0.01411
           0.01427 0.01435 0.01442
0.01419
 3755213.70 0.01326 0.01332
                                     0.01338
                                               0.01343
                                                          0.01349
0.01355
           0.01362 0.01370 0.01377
 3755193.70 |
               0.01270
                           0.01276
                                               0.01287
                                                          0.01291
                                     0.01282
0.01297 0.01303 0.01310
                             0.01315
 3755173.70 | 0.01219 0.01224
                                     0.01230
                                               0.01234
                                                          0.01238
0.01243
       0.01248 0.01254 0.01259
 3755153.70 0.01171 0.01176
                                     0.01181
                                              0.01185
                                                          0.01188
0.01193 0.01197 0.01202 0.01206
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                           04/06/22
*** AERMET - VERSION 16216 ***
                           15:15:04
                           PAGE 70
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0002770
                                                        , L0002771
                      , L0002774
, L0002772
           , L0002773
                      , L0002776
                                , L0002777 , L0002778 , L0002779
             L0002775
           , L0002781
                      , L0002782
 L0002780
             L0002783
                      , L0002784 , L0002785 , L0002786 , L0002787
           , L0002789
                      , L0002790
 L0002788
                      , L0002792
                                , L0002793 , L0002794
             L0002791
                                                        , L0002795
           , L0002797
, L0002796
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                 X-COORD (METERS)
   Y-COORD
   (METERS) |
               475288.79
```

```
3755333.70
                 0.01924
 3755313.70
                  0.01798
 3755293.70
                  0.01693
 3755273.70
                  0.01602
 3755253.70
                 0.01522
 3755233.70
                 0.01449
 3755213.70
                  0.01382
 3755193.70
                  0.01320
 3755173.70
                  0.01263
 3755153.70
                  0.01211
                          *** *** 2026 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112
                     ***
                              04/06/22
                             ***
*** AERMET - VERSION 16216 ***
                             15:15:04
                             PAGE 71
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0002770
                                                             , L0002771
                        , L0002774
            , L0002773
, L0002772
                       , L0002776
                                    , L0002777 , L0002778
              L0002775
                                                            , L0002779
            , L0002781
                       , L0002782
, L0002780
                        , L0002784
                                   , L0002785
              L0002783
                                                , L0002786
                                                            , L0002787
 L0002788
            , L0002789
                        , L0002790
                                    , L0002793
                                                             , L0002795
                        , L0002792
                                                , L0002794
              L0002791
            , L0002797
L0002796
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM 10
                                                   IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                     X-COORD (METERS)
   (METERS) | 475151.63 475171.63 475191.63
                                                  475211.63
                                                             475231.63
475251.63 475271.63 475291.63
                                 475311.63
 3755398.30 | 0.02297 0.02317 0.02334
                                                   0.02353
                                                               0.02378
            0.02414
                       0.02424 0.02433
                                                   0.02173
 3755378.30
             0.02128 0.02143 0.02156
                                                               0.02198
           0.02237
                       0.02246 0.02253
0.02221
 3755358.30
                0.01979
                            0.01993
                                                   0.02019
                                        0.02003
                                                               0.02042
0.02064
           0.02083
                       0.02091
                                  0.02095
 3755338.30 0.01846 0.01860 0.01875 0.01891
                                                               0.01905
0.01925 0.01945 0.01955 0.01957
```

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*** AERMOD - VERSION 21112 ***
                                  *** 2026 OPERATIONS - TRUCK PM
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 15:15:04
                                 PAGE 72
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0002770
                                                                       , L0002771
, L0002772
              , L0002773
                            , L0002774
                           , L0002776
                                           , L0002777
                                                       , L0002778
                L0002775
                                                                      , L0002779
                           , L0002782
              , L0002781
 L0002780
                                                        , L0002786
                L0002783
                           , L0002784
                                           , L0002785
                                                                      , L0002787
              , L0002789
, L0002788
                           , L0002790
                L0002791
                            , L0002792
                                          , L0002793
                                                       , L0002794
                                                                      , L0002795
              , L0002797
, L0002796
                                  *** NETWORK ID: UCART8
                                                           ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475331.63
                               475351.63
                                            475371.63
                                              0.02455
 3755398.30 l
                    0.02441
                                 0.02449
 3755378.30
                                              0.02272
                    0.02258
                                 0.02264
 3755358.30
                    0.02100
                                 0.02105
                                              0.02113
  3755338.30
                    0.01960
                                 0.01967
                                              0.01976
★ *** AERMOD - VERSION 21112
                                   *** 2026 OPERATIONS - TRUCK PM
                                   04/06/22
                      16216 ***
                                  ***
*** AERMET - VERSION
                                 15:15:04
                                 PAGE 73
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0002770
                                                                      , L0002771
, L0002772
                            , L0002774
              , L0002773
                           , L0002776
                                                        , L0002778
                L0002775
                                          , L0002777
                                                                       , L0002779
             , L0002781
 L0002780
                           , L0002782
                                          , L0002785
                                                       , L0002786
                L0002783
                            , L0002784
                                                                      , L0002787
              , L0002789
, L0002788
                           , L0002790
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L0002791 , L0002792 , L0002793 , L0002794 , L0002795
, L0002796 , L0002797 , . . .
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.02814 0.02848 0.02881 0.02913
                                                           0.02940
0.02963 0.02981 0.02995 0.03005
 3755424.04 | 0.02581 0.02608 0.02634 0.02660
                                                           0.02681
0.02699 0.02712 0.02724 0.02733
 3755404.04 0.02382 0.02401 0.02424 0.02449
                                                           0.02465
0.02477 0.02489 0.02497 0.02504
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                          15:15:04
                           PAGE 74
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772 , L0002773 , L0002774
             L0002775 , L0002776 , L0002777 , L0002778 , L0002779
                      , L0002782
, L0002780 , L0002781
             L0002783 , L0002784 , L0002785 , L0002786 , L0002787
, L0002788 , L0002789
                      , L0002790
                     , L0002792 , L0002793 , L0002794 , L0002795
             L0002791
, L0002796 , L0002797
                      , . . .
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                   X-COORD (METERS)
   Y-COORD
   (METERS) | 475365.62
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```
3755444.04
                 0.03012
 3755424.04
                  0.02740
 3755404.04
                  0.02512
★ *** AERMOD - VERSION 21112
                          *** *** 2026 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              15:15:04
                              PAGE 75
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0002770
                                                             , L0002771
, L0002772
            , L0002773
                        , L0002774
                        , L0002776 , L0002777 , L0002778
              L0002775
                                                              , L0002779
, L0002780
            , L0002781
                        , L0002782
              L0002783
                        , L0002784 , L0002785 , L0002786
                                                              , L0002787
 L0002788
           , L0002789
                        , L0002790
                                     , L0002793
              L0002791
                        , L0002792
                                                 , L0002794
                                                              , L0002795
            , L0002797
, L0002796
                               *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM_10 IN MICROGRAMS/M**3
   Y-COORD |
                                                      X-COORD (METERS)
               475230.47 475250.47 475270.47 475290.47 475310.47
   (METERS)
475330.47 475350.47
 3755490.18 0.03696
                            0.03753 0.03803
                                                   0.03846
                                                                0.03882
0.03905 0.03921
 3755470.18
                 0.03295 0.03337
                                     0.03375 0.03406
                                                                0.03433
0.03451
            0.03462
 3755450.18
                 0.02975
                            0.03009
                                         0.03037
                                                     0.03061
                                                                0.03079
0.03093
            0.03102
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                              15:15:04
                              PAGE 76
                RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
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\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION

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***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
             , L0002773
                          , L0002774
                          , L0002776
                                         , L0002777
                                                     , L0002778
                                                                   , L0002779
                L0002775
             , L0002781
 L0002780
                          , L0002782
                L0002783
                          , L0002784
                                         , L0002785
                                                     , L0002786
                                                                   , L0002787
             , L0002789
 L0002788
                          , L0002790
                          , L0002792
                                        , L0002793
                                                     , L0002794
                L0002791
                                                                   , L0002795
             , L0002797
, L0002796
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                          X-COORD (METERS)
    (METERS)
                  475254.84
                           475274.84 475294.84 475314.84
                                                                   475334.84
  3755513.80
                   0.04443
                                0.04515
                                            0.04575
                                                        0.04621
                                                                     0.04649
                                0.03906
  3755493.80
                   0.03856
                                            0.03950
                                                         0.03984
                                                                     0.04006
↑ *** AERMOD - VERSION 21112
                                *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
                                 ***
 *** AERMET - VERSION 16216 ***
                      ***
                                15:15:04
                                PAGE 77
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0002770
                                                                   , L0002771
             , L0002773
, L0002772
                          , L0002774
                          , L0002776
                                        , L0002777 , L0002778
                L0002775
                                                                , L0002779
                          , L0002782
             , L0002781
 L0002780
                          , L0002784
                                                    , L0002786
                L0002783
                                         , L0002785
                                                                  , L0002787
, L0002788
             , L0002789
                          , L0002790
                L0002791
                          , L0002792
                                       , L0002793
                                                     , L0002794
                                                                   , L0002795
, L0002796
             , L0002797
                                 *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                          X-COORD (METERS)
    (METERS)
                 475293.48 475313.48 475333.48
                                                     475353.48
                                                                   475373,48
```

3755332.63 0.01918 0.01920 0.01924 0.01932 0.01941 3755312.63 0.01794 0.01800 0.01808 0.01816 0.01825 3755292.63 0.01690 0.01698 0.01706 0.01714 0.01721 3755272.63 l 0.01600 0.01609 0.01616 0.01623 0.01629 3755252.63 0.01520 0.01527 0.01534 0.01540 0.01544 3755232.63 0.01447 0.01454 0.01459 0.01467 0.01464 3755212.63 0.01380 0.01386 0.01390 0.01394 0.01397 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:15:04 PAGE 78 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\* INCLUDING SOURCE(S): L0002770 , L0002771 , L0002772 , L0002773 , L0002774 , L0002776 , L0002777 , L0002778 L0002775 , L0002779 L0002780 , L0002781 , L0002782 L0002783 , L0002784 , L0002785 , L0002786 , L0002787 , L0002790 L0002788 , L0002789 L0002791 , L0002792 , L0002793 , L0002794 , L0002795 , L0002796 , L0002797 \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD | X-COORD (METERS) (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04 3755633.6 | 0.11738 (11091107) 0.12184 (11091107) 0.12610 (11091107) 0.13068 (11091107) 0.13564 (11091107) 0.09899 (11091107) 0.10244 (11091107) 0.10595 (11091107) 0.10955 (11091107) 0.11333 (11091107) 0.08964 (16062006) 0.09143 (16062006) 3755603.6 0.08777 (16062006) 0.09649 (11091107) 0.09346 (11091107) 3755588.6 0.08033 (16062006) 0.08188 (16062006) 0.08335 (16062006)

0.08657 (16062006)

0.07408 (16062006) 0.07539 (16062006)

0.07666 (16062006)

0.08493 (16062006)

3755573.6

```
0.07802 (16062006) 0.07939 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                                15:15:04
                                PAGE 79
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                INCLUDING SOURCE(S):
                                                                    , L0002771
                                                       L0002770
, L0002772
             , L0002773
                           , L0002774
                          , L0002776
                                         , L0002777 , L0002778
                                                                    , L0002779
                L0002775
             , L0002781
 L0002780
                          , L0002782
                          , L0002784
                                                      , L0002786
               L0002783
                                         , L0002785
                                                                    , L0002787
 L0002788
             , L0002789
                          , L0002790
                          , L0002792
                                         , L0002793
                L0002791
                                                     , L0002794
                                                                   , L0002795
 L0002796
             , L0002797
                                 *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                  474766.04
                                         474781.04
                                                                474796.04
                 0.15212 (11091107)
3755633.6

    0.11763 (11091107)
    0.12195 (11091107)

    0.09979 (11091107)
    0.10308 (11091107)

                                                             0.12489 (11091107)
3755618.6
3755603.6
                                                               0.10515 (11091107)
                 0.08832 (16062006)
                                      0.08993 (16062006)
                                                               0.09047 (16062006)
3755588.6
                                    0.08209 (16062006)
                                                               0.08244 (16062006)
3755573.6
                 0.08080 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                15:15:04
                                PAGE 80
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0002770
                                                                    , L0002771
             , L0002773
, L0002772
                          , L0002774
                          , L0002776 , L0002777 , L0002778 , L0002779
                L0002775
             , L0002781
, L0002780
                        , L0002782
```

```
L0002783 , L0002784 , L0002785 , L0002786 , L0002787
, L0002788
            , L0002789
                         , L0002790
                         , L0002792
                                      , L0002793 , L0002794 , L0002795
               L0002791
. L0002796
            , L0002797
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD
                                                       X-COORD (METERS)
  (METERS)
               474790.51
                                      474805.51
                                                            474820.51
     474835.51
                 474850.51
 3755606.1 | 0.10726 (11091107) 0.10928 (11091107) 0.11207 (11091107)
                          0.11930 (11091107)
    0.11530 (11091107)
 3755591.1
                0.09180 (11091107)
                                     0.09339 (11091107) 0.09572 (11091107)
    0.09835 (11091107)
                          0.10143 (11091107)
 3755576.1 |
                0.08355 (16062006)
                                     0.08387 (16062006)
                                                          0.08508 (16062006)
                          0.08807 (16062006)
    0.08639 (16062006)
 3755561.1
                0.07672 (16062006)
                                     0.07698 (16062006) 0.07804 (16062006)
                          0.08058 (16062006)
    0.07918 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                      ***
                               04/06/22
 *** AERMET - VERSION 16216 ***
                    ***
                              15:15:04
                              PAGE 81
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
                        , L0002774
            , L0002773
               L0002775 , L0002776
                                     , L0002777 , L0002778 , L0002779
, L0002780
            , L0002781
                        , L0002782
                         , L0002784
                                     , L0002785
               L0002783
                                                  , L0002786
                                                               , L0002787
, L0002788
            , L0002789
                         , L0002790
                        , L0002792
                                    , L0002793 , L0002794 , L0002795
               L0002791
, L0002796
            , L0002797
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM_10 IN MICROGRAMS/M**3
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Y-COORD |
                                                                              X-COORD (METERS)
  (METERS) | 474865.51 474880.51
                                                                                    474895.51

      3755606.1 |
      0.12368 (11091107)
      0.12833 (11091107)
      0.13344 (11091107)

      3755591.1 |
      0.10467 (11091107)
      0.10807 (11091107)
      0.11142 (11091107)

      3755576.1 |
      0.09022 (11091107)
      0.09282 (11091107)
      0.09521 (11091107)

      3755561.1 |
      0.08197 (16062006)
      0.08335 (16062006)
      0.08466 (16062006)

↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM 04/06/22
 *** AERMET - VERSION 16216 *** ***
                             ***
                                         15:15:04
                                          PAGE 82
                       RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                                     *** THE
                                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                           ***
VALUES FOR SOURCE GROUP: ALL
                                          INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
                 , L0002773
                                 , L0002774
                                  , L0002776 , L0002777 , L0002778 , L0002779
                     L0002775
, L0002780 , L0002781 , L0002782 , L0002785 , L0002786 , L0002787
               , L0002789 , L0002790
, L0002788
                    L0002791
                                  , L0002792 , L0002793 , L0002794 , L0002795
, L0002796     , L0002797     ,    .   .
                                           *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD
                                                                              X-COORD (METERS)
  (METERS) | 474800.90
                                                    474815.90

      3755623.3 |
      0.13364 (11091107)
      0.13778 (11091107)

      3755608.3 |
      0.11141 (11091107)
      0.11406 (11091107)

★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                      04/06/22
 *** AERMET - VERSION 16216 *** ***
                                          15:15:04
                                          PAGE 83
 *** MODELOPTs:
                       RegDFAULT CONC ELEV URBAN ADJ_U*
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\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
             , L0002773
                          , L0002774
                          , L0002776
                                                                    , L0002779
                L0002775
                                         , L0002777 , L0002778
             , L0002781
 L0002780
                          , L0002782
                          , L0002784
                L0002783
                                         , L0002785 , L0002786
                                                                    , L0002787
             , L0002789
 L0002788
                          , L0002790
                          , L0002792
                                        , L0002793
                L0002791
                                                     , L0002794
                                                                    , L0002795
, L0002796
             , L0002797
                                 *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                474820.81
                                         474835.81
3755622.5 | 0.13776 (11091107) 0.14284 (11091107)
3755607.5 | 0.11395 (11091107) 0.11726 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
 *** AERMET - VERSION 16216 ***
                                ***
                                15:15:04
                                 PAGE 84
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0002770
                                                                    , L0002771
                          , L0002774
, L0002772
             , L0002773
                          , L0002776
                                       , L0002777 , L0002778 , L0002779
                L0002775
             , L0002781
 L0002780
                          , L0002782
                          , L0002784
                L0002783
                                      , L0002785
                                                    , L0002786
                                                                   , L0002787
             , L0002789
, L0002788
                          , L0002790
                          , L0002792
                                        , L0002793 , L0002794 , L0002795
                L0002791
, L0002796
             , L0002797
                                 *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                474838.93
                                         474853.93
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3755615.4 | 0.12991 (11091107) 0.13483 (11091107)
3755600.4 | 0.10919 (11091107) 0.11285 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                15:15:04
                                 PAGE 85
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
          , L0002773 , L0002774
                                      , L0002777 , L0002778 , L0002779
                L0002775 , L0002776
             , L0002781 , L0002782 , L0002783 , L0002784 , L0002785 , L0002786 , L0002787
L0002780
            , L0002789
, L0002788
                          , L0002790
                L0002791 , L0002792 , L0002793 , L0002794 , L0002795
, L0002796 , L0002797 , . . .
                                  *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS) | 474857.73
                                        474872.73
3755611.5 | 0.12941 (11091107) 0.13461 (11091107)
3755596.5 | 0.10906 (11091107) 0.11282 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                               04/06/22
 *** AERMET - VERSION 16216 *** ***
                                15:15:04
                      ***
                                 PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
             , L0002773
                          , L0002774
                          , L0002776 , L0002777 , L0002778 , L0002779
                L0002775
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, L0002780
         , L0002781      , L0002782
                                    , L0002785 , L0002786 , L0002787
              L0002783
                        , L0002784
 L0002788
            , L0002789
                       , L0002790
                       , L0002792
                                    , L0002793 , L0002794 , L0002795
              L0002791
, L0002796
            , L0002797
                             *** NETWORK ID: UCART7 : NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) | 475108.79
                                    475128.79
                                                         475148.79
     475168.79
                         475188.79
3755333.7 | 0.04013 (16062006) 0.04032 (16062006) 0.04054 (16062006)
    0.04082 (16062006)
                        0.04111 (16062006)
               0.03788 (16062006) 0.03805 (16062006) 0.03825 (16062006)
3755313.7
    0.03848 (16062006) 0.03874 (16062006)
3755293.7
               0.03587 (16062006)
                                   0.03603 (16062006) 0.03620 (16062006)
                        0.03661 (16062006)
    0.03640 (16062006)
               0.03407 (16062006)
                                   0.03420 (16062006) 0.03435 (16062006)
3755273.7
    3755253.7
               0.03241 (16062006)
                                   0.03255 (16062006)
                                                       0.03268 (16062006)
    0.03282 (16062006)
                        0.03298 (16062006)
3755233.7
               0.03090 (16062006)
                                   0.03103 (16062006) 0.03116 (16062006)
    0.03128 (16062006)
                      0.03142 (16062006)
                                                       0.02976 (16062006)
3755213.7
               0.02950 (16062006) 0.02963 (16062006)
    0.02988 (16062006) 0.02999 (16062006)
               0.02824 (16062006)
                                 0.02837 (16062006) 0.02849 (16062006)
3755193.7
    0.02859 (16062006) 0.02869 (16062006)
               0.02707 (16062006) 0.02719 (16062006) 0.02729 (16062006)
    0.02739 (16062006) 0.02747 (16062006)
                                  0.02609 (16062006) 0.02618 (16062006)
               0.02599 (16062006)
    0.02627 (16062006) 0.02635 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                             15:15:04
                             PAGE 87
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                             INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772 , L0002773 , L0002774 ,
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```
, L0002776
                                          , L0002777
                                                      , L0002778
                L0002775
                                                                     , L0002779
, L0002780
             , L0002781
                           , L0002782
                L0002783
                            , L0002784
                                          , L0002785
                                                       , L0002786
                                                                     , L0002787
              , L0002789
 L0002788
                           , L0002790
                                          , L0002793
                L0002791
                           , L0002792
                                                        , L0002794
                                                                     , L0002795
             , L0002797
 L0002796
                                  *** NETWORK ID: UCART7
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                  475208.79
                                          475228.79
                                                                 475248.79
     475268.79
                             475288.79
                 0.04140 (16062006)
                                         0.04166 (16062006)
                                                           0.04196 (16062006)
3755333.7
    0.04229 (16062006)
                            0.04248 (16062006)
3755313.7 |
                 0.03898 (16062006)
                                         0.03920 (16062006)
                                                                0.03942 (16062006)
    0.03965 (16062006)
                            0.03983 (16062006)
3755293.7
                 0.03683 (16062006)
                                                                0.03718 (16062006)
                                         0.03701 (16062006)
    0.03736 (16062006)
                            0.03753 (16062006)
3755273.7
                 0.03488 (16062006)
                                         0.03505 (16062006)
                                                                0.03521 (16062006)
    0.03537 (16062006)
                            0.03552 (16062006)
                 0.03314 (16062006)
                                         0.03330 (16062006)
                                                                0.03344 (16062006)
3755253.7
    0.03359 (16062006)
                            0.03373 (16062006)
                 0.03156 (16062006)
                                                                0.03184 (16062006)
                                         0.03170 (16062006)
                            0.03209 (16062006)
    0.03197 (16062006)
3755213.7
                 0.03012 (16062006)
                                         0.03025 (16062006)
                                                                0.03037 (16062006)
                            0.03059 (16062006)
    0.03049 (16062006)
3755193.7
                 0.02879 (16062006)
                                         0.02891 (16062006)
                                                                0.02902 (16062006)
                            0.02921 (16062006)
    0.02912 (16062006)
3755173.7
                 0.02757 (16062006)
                                         0.02767 (16062006)
                                                                0.02777 (16062006)
    0.02785 (16062006)
                            0.02793 (16062006)
3755153.7
                 0.02644 (16062006)
                                         0.02652 (16062006) 0.02660 (16062006)
    0.02668 (16062006)
                            0.02675 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                        ***
                                  04/06/22
                                  ***
 *** AERMET - VERSION 16216 ***
                      ***
                                 15:15:04
                                 PAGE 88
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0002770
                                                                     , L0002771
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, L0002772 , L0002773 , L0002774
                      , L0002776
                                  , L0002777 , L0002778 , L0002779
             L0002775
 L0002780
           , L0002781
                     , L0002782
             L0002783 , L0002784 , L0002785 , L0002786
                                                        , L0002787
          , L0002789
L0002788
                      , L0002790
             L0002791
                      , L0002792
                                  , L0002793 , L0002794 , L0002795
          , L0002797
, L0002796
                           *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF PM_10 IN MICROGRAMS/M**3
 Y-COORD
                                                 X-COORD (METERS)
 (METERS) 475151.63
                                  475171.63
                                                     475191.63
    475211.63
                      475231.63
              3755398.3
    0.05200 (16062006) 0.05246 (16062006)
              0.04719 (16062006) 0.04753 (16062006) 0.04783 (16062006)
    0.04817 (16062006)
                      0.04860 (16062006)
              0.04401 (16062006)
                                 0.04430 (16062006) 0.04455 (16062006)
3755358.3
    0.04486 (16062006) 0.04526 (16062006)
3755338.3
              0.04117 (16062006)
                                 0.04146 (16062006) 0.04174 (16062006)
    ★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                           15:15:04
                           PAGE 89
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                       *** THE
                               1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                           ***
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
                     , L0002774
           , L0002773
                               , L0002777 , L0002778 , L0002779
             L0002775 , L0002776
           , L0002781 , L0002782
L0002780
                                                       , L0002787
             L0002783
                     , L0002788
           , L0002789
                      , L0002790
                      , L0002792 , L0002793 , L0002794 , L0002795
             L0002791
, L0002796
           , L0002797 , . . .
                            *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
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Y-COORD |
                                                              X-COORD (METERS)
  (METERS) | 475251.63
                                          475271.63
                                                                   475291.63
     475311.63
                     475331.63
 3755398.3 | 0.05283 (16062006) 0.05314 (16062006) 0.05336 (16062006)
                            0.05374 (16062006)
     0.05357 (16062006)
                                        0.04930 (16062006) 0.04949 (16062006)
 3755378.3
                 0.04899 (16062006)
     0.04965 (16062006) 0.04978 (16062006)
                 0.04563 (16062006) 0.04594 (16062006) 0.04611 (16062006)
     0.04623 (16062006) 0.04634 (16062006)
                 0.04265 (16062006) 0.04296 (16062006) 0.04315 (16062006)
 3755338.3
     0.04323 (16062006) 0.04332 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                              04/06/22
                        ***
 *** AERMET - VERSION 16216 *** ***
                                 15:15:04
                                  PAGE 90
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  ***
                                  INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
              , L0002773 , L0002774
                           , L0002776
                                          , L0002777 , L0002778 , L0002779
                L0002775
, L0002780 , L0002781 , L0002782
               L0002783 , L0002784 , L0002785 , L0002786
                                                                     , L0002787
, L0002788 , L0002789
                           , L0002790
                          , L0002792 , L0002793 , L0002794 , L0002795
                L0002791
, L0002796 , L0002797
                                  *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD |
                                                              X-COORD (METERS)
                 475351.63
                                         475371.63
  (METERS) |

      3755398.3 |
      0.05390 (16062006)
      0.05403 (16062006)

      3755378.3 |
      0.04990 (16062006)
      0.05004 (16062006)

      3755358.3 |
      0.04646 (16062006)
      0.04659 (16062006)
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3755338.3 | 0.04344 (16062006) 0.04359 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 ***
                             15:15:04
                             PAGE 91
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                             INCLUDING SOURCE(S):
                                                 L0002770
                                                             , L0002771
, L0002772
            , L0002773
                       , L0002774
                                    , L0002777 , L0002778 , L0002779
              L0002775 , L0002776
                       , L0002782
 L0002780
          , L0002781
                        , L0002784
                                    , L0002785 , L0002786 , L0002787
             L0002783
          , L0002789
                       , L0002790
, L0002788
              L0002791 , L0002792 , L0002793 , L0002794 , L0002795
 L0002796
           , L0002797
                       , . . .
                              *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) |
                475185.62
                                     475205.62
                                                         475225.62
     475245.62
                         475265.62
3755444.0 | 0.06211 (16062006) 0.06278 (16062006) 0.06342 (16062006)
    0.06403 (16062006)
                        0.06456 (16062006)
               0.05896 (16062006)
    0.05854 (16062006)
                                   0.05305 (16062006) 0.05349 (16062006)
               0.05264 (16062006)
    0.05393 (16062006) 0.05426 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                             15:15:04
                             PAGE 92
                RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                             INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772 , L0002773 , L0002774 ,
```

```
, L0002776 , L0002777 , L0002778 , L0002779
                L0002775
, L0002780
             , L0002781
                          , L0002782
                          , L0002784
                L0002783
                                         , L0002785
                                                     , L0002786
                                                                   , L0002787
             , L0002789
                          , L0002790
 L0002788
                                        , L0002793
                                                      , L0002794
                L0002791
                          , L0002792
                                                                   , L0002795
             , L0002797
 L0002796
                                 *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
                  **
  Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                  475285.62
                                         475305.62
                                                                475325.62
                            475365.62
     475345.62
 3755444.0
                 0.06501 (16062006) 0.06537 (16062006) 0.06567 (16062006)
    0.06588 (16062006)
                           0.06605 (16062006)
 3755424.0
                 0.05931 (16062006)
                                        0.05959 (16062006)
                                                             0.05984 (16062006)
                           0.06018 (16062006)
    0.06002 (16062006)
 3755404.0
                 0.05453 (16062006)
                                        0.05476 (16062006) 0.05495 (16062006)
                           0.05526 (16062006)
    0.05511 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                        ***
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                      ***
                                15:15:04
                                PAGE 93
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0002770
                                                                   , L0002771
, L0002772
             , L0002773
                          , L0002774
                          , L0002776
                L0002775
                                         , L0002777 , L0002778
                                                                   , L0002779
, L0002780
             , L0002781
                          , L0002782
                          , L0002784
                L0002783
                                         , L0002785
                                                     , L0002786
                                                                   , L0002787
, L0002788
             , L0002789
                          , L0002790
                                        , L0002793
                          , L0002792
                L0002791
                                                     , L0002794
                                                                   , L0002795
, L0002796
             , L0002797
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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```
Y-COORD
                                                            X-COORD (METERS)
  (METERS) | 475230.47 475250.47
                                                                 475270.47
     475290.47
                           475310.47
3755490.2 | 0.08126 (11091107) 0.08354 (11091107) 0.08563 (11091107)
    0.08750 (11091107) 0.08913 (11091107)
3755470.2
                 0.07240 (16062006)
                                        0.07321 (16062006) 0.07393 (16062006)
    0.07453 (16062006) 0.07504 (16062006)
3755450.2
                                        0.06609 (16062006) 0.06663 (16062006)
                 0.06545 (16062006)
    0.06709 (16062006) 0.06746 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                       ***
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                                15:15:04
                                PAGE 94
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0002770 , L0002771
, L0002772
             , L0002773 , L0002774
                L0002775 , L0002776
                                        , L0002777 , L0002778 , L0002779
            , L0002781 , L0002782
, L0002780
                L0002783 , L0002784 , L0002785 , L0002786 , L0002787
                          , L0002790
, L0002788 , L0002789
                L0002791 , L0002792 , L0002793 , L0002794 , L0002795
*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
              475330.47
                                475350.47

      3755490.2 |
      0.09049 (11091107)
      0.09156 (11091107)

      3755470.2 |
      0.07584 (11091107)
      0.07682 (11091107)

      3755450.2 |
      0.06776 (16062006)
      0.06798 (16062006)

↑ *** AERMOD - VERSION 21112 *** *** 2026 OPERATIONS - TRUCK PM
                        *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                               15:15:04
```

PAGE 95 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\* VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0002770 , L0002771 , L0002772 , L0002773 , L0002774 , L0002776 , L0002777 , L0002778 , L0002779 L0002775 , L0002781 L0002780 , L0002782 , L0002784 L0002783 , L0002785 , L0002786 , L0002787 , L0002789 L0002788 , L0002790 L0002791 , L0002792 , L0002793 , L0002794 , L0002795 , L0002796 , L0002797 \*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 \*\* Y-COORD X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84 3755513.8 | 0.10644 (11091107) 0.10928 (11091107) 0.11171 (11091107) 0.11525 (11091107) 0.11372 (11091107) 3755493.8 0.08907 (11091107) 0.09096 (11091107) 0.08693 (11091107) 0.09391 (11091107) 0.09258 (11091107) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:15:04 PAGE 96 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0002770 , L0002771 , L0002772 , L0002773 , L0002774 , L0002776 L0002775 , L0002777 , L0002778 , L0002779 , L0002780 , L0002781 , L0002782 , L0002784 , L0002785 , L0002786 L0002783 , L0002787 , L0002790 , L0002788 , L0002789 , L0002792 L0002791 , L0002793 , L0002794 , L0002795 , L0002796 , L0002797

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE:

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD X-COORD (METERS) (METERS) | 475293.48 475313.48 475333.48 475373.48 475353.48 3755332.6 | 0.04236 (16062006) 0.04245 (16062006) 0.04254 (16062006) 0.04267 (16062006) 0.04281 (16062006) 0.03973 (16062006) 0.03985 (16062006) 0.03998 (16062006) 0.04012 (16062006) 0.04026 (16062006) 0.03745 (16062006) 0.03759 (16062006) 0.03773 (16062006) 3755292.6 0.03786 (16062006) 0.03797 (16062006) 0.03546 (16062006) 0.03560 (16062006) 0.03572 (16062006) 3755272.6 0.03584 (16062006) 0.03592 (16062006) 0.03367 (16062006) 0.03379 (16062006) 0.03390 (16062006) 3755252.6 0.03399 (16062006) 0.03406 (16062006) 3755232.6 0.03230 (16062006) 0.03236 (16062006) 0.03054 (16062006) 0.03062 (16062006) 0.03070 (16062006) 3755212.6 0.03076 (16062006) 0.03081 (16062006) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:15:04 PAGE 97 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID ALL 1ST HIGHEST VALUE IS 0.05958 AT ( 474796.04, 3755633.62, 496.60, 789.90, 0.00) GC UCART1 2ND HIGHEST VALUE IS 0.05805 AT ( 474781.04, 3755633.62, 497.00,

789.90, 0.00) GC UCART1 3RD HIGHEST VALUE IS	0.05664 AT (	<i>474</i> 835 81	3755622 54	191 80
789.90, 0.00) GC UCART4	0.0300+ AT (	474033.01,	3733022.34,	454.00,
4TH HIGHEST VALUE IS	0.05636 AT (	474766.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1				
5TH HIGHEST VALUE IS	0.05515 AT (	474815.90,	3755623.35,	495.20,
789.90, 0.00) GC UCART3 6TH HIGHEST VALUE IS	0.05513 AT (	474820 . 81 .	3755622.54.	495.00.
789.90, 0.00) GC UCART4	0.05525 /// (	17 10201019	3,33022,31,	.55.00,
7TH HIGHEST VALUE IS	0.05477 AT (	474751.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1				
8TH HIGHEST VALUE IS	0.05413 AT (	474853.93,	3755615.41,	493.60,
789.90, 0.00) GC UCART5 9TH HIGHEST VALUE IS	0.05406 AT (	<i>474</i> 872 73	3755611 53	493 50
789.90, 0.00) GC UCART6	0.05+00 AT (	474072.73,	3,33011.33,	455.50,
10TH HIGHEST VALUE IS	0.05397 AT (	474800.90,	3755623.35,	495.80,
789.90, 0.00) GC UCART3				
*** RECEPTOR TYPES: GC = GRIDCA	\PT			
GP = GRIDPO				
DC = DISCCA				
DP = DISCPO				
★ *** AFRMOD - VFRSTON 21112 ***	* *** 2026 OPERA	ATIONS - TRUC	CK PM	
***	04/06/22			
*** AERMET - VERSION 16216 ***	***			
***	15:15:04			
	PAGE 98			
*** MODELOPTs: RegDFAULT CON		.DJ U*		
	**	* THE SUMMAR	Y OF HIGHEST	1-HR
RESULTS ***				
	** CONC OF PM	10 IN MIC	ROGRAMS/M**3	3
**		•	·	
	NETHORY	DATE		
CROUP TO	NETWORK	()()(MMDD1111)		DECEDIOD
GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC	(YYMMDDHH)		RECEPTOR
	0.15212 0		AT ( 474796	5.04,
3755633.62, 496.60, 789.90,	0.00) GC UCAR	11		

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2026 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:15:04

PAGE 99

\*\*\* 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 4 Warning Message(s)
A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified ( 2.40 Percent)

\*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*\*

ME W186 917 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used

0.50

ME W187 917 MEOPEN: ADJ U\* Option for Stable Low Winds used in AERMET

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:

14010101

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:

2 year gap

\*\*\*\*\*\*\*\*\*\*\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall-TR 2027\MVMall-TR 2027.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2027 Operations - Truck PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL MVMall-TR 2027.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 SR60 EB
** PREFIX
** Length of Side = 15.00
** Configuration = Adjacent
** Emission Rate = 0.00226
** Vertical Dimension = 5.44
** SZINIT = 2.53
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
** 475301.985, 3755606.087, 502.95, 2.72, 6.98
```

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ĸ						
	LOCATION	L0003176	VOLUME	473528.143	3755956.844	486.24
	LOCATION	L0003177	VOLUME	473542.834	3755953.817	486.73
	LOCATION	L0003178	VOLUME	473557.526	3755950.791	487.18
	LOCATION	L0003179	VOLUME	473572.217	3755947.764	487.68
	LOCATION	L0003180	VOLUME	473586.909	3755944.738	488.22
	LOCATION	L0003181	VOLUME	473601.600	3755941.711	488.82
	LOCATION	L0003182	VOLUME	473616.292	3755938.685	489.44
	LOCATION	L0003183	VOLUME	473630.983	3755935.658	490.04
	LOCATION	L0003184	VOLUME	473645.675	3755932.632	490.60
	LOCATION	L0003185	VOLUME	473660.366	3755929.605	491.17
	LOCATION	L0003186	VOLUME	473675.058	3755926.579	491.73
	LOCATION	L0003187	VOLUME	473689.749	3755923.552	492.19
	LOCATION	L0003188	VOLUME	473704.441	3755920.525	492.60
	LOCATION	L0003189	VOLUME	473719.132	3755917.499	493.03
	LOCATION	L0003190	VOLUME	473733.824	3755914.472	493.49
	LOCATION	L0003191	VOLUME	473748.515	3755911.446	493.96
	LOCATION	L0003192	VOLUME	473763.207	3755908.419	494.44
	LOCATION	L0003193	VOLUME	473777.898	3755905.393	494.94
	LOCATION	L0003194	VOLUME	473792.590	3755902.366	495.42
	LOCATION	L0003195	VOLUME	473807.281	3755899.340	495.88
	LOCATION	L0003196	VOLUME	473821.973	3755896.313	496.27
	LOCATION	L0003197	VOLUME	473836.664	3755893.287	496.63
	LOCATION	L0003198	VOLUME	473851.356	3755890.260	496.82
	LOCATION	L0003199	VOLUME	473866.047	3755887.234	497.09
	LOCATION	L0003200	VOLUME	473880.739	3755884.207	497.45
	LOCATION	L0003201	VOLUME	473895.430	3755881.180	497.87
	LOCATION	L0003202	VOLUME	473910.122	3755878.154	498.36
	LOCATION	L0003203	VOLUME	473924.813	3755875.127	498.83
	LOCATION	L0003204	VOLUME	473939.505	3755872.101	499.29
	LOCATION	L0003205	VOLUME	473954.196	3755869.074	499.71
	LOCATION	L0003206	VOLUME	473968.888	3755866.048	500.11
	LOCATION	L0003207	VOLUME	473983.579	3755863.021	500.49
	LOCATION	L0003208	VOLUME		3755859.995	500.71
	LOCATION		VOLUME		3755856.968	
	LOCATION		VOLUME		3755853.942	
	LOCATION		VOLUME		3755850.915	
	LOCATION		VOLUME		3755847.888	
	LOCATION		VOLUME		3755844.862	
	LOCATION		VOLUME		3755841.835	
	LOCATION		VOLUME		3755838.809	
	LOCATION		VOLUME		3755835.782	
	LOCATION		VOLUME		3755832.756	
	LOCATION		VOLUME		3755829.729	
	LOCATION		VOLUME		3755826.703	
	LOCATION		VOLUME		3755823.676	
	LOCATION		VOLUME		3755820.650	
	LOCATION		VOLUME		3755817.623	
	LOCATION	L0003223	VOLUME	474218.643	3755814.597	498.25

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LOCATION L0003224
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                                474233.335 3755811.570 499.08
                                474248.026 3755808.543 500.43
LOCATION L0003225
                      VOLUME
LOCATION L0003226
                                474262.718 3755805.517 502.33
                      VOLUME
LOCATION L0003227
                      VOLUME
                                474277.409 3755802.490 502.93
                                474292.101 3755799.464 503.07
LOCATION L0003228
                      VOLUME
LOCATION L0003229
                      VOLUME
                                474306.792 3755796.437 503.04
                                474321.484 3755793.411 503.03
LOCATION L0003230
                      VOLUME
LOCATION L0003231
                                474336.175 3755790.384 503.02
                      VOLUME
                                474350.867 3755787.358 503.02
LOCATION L0003232
                      VOLUME
LOCATION L0003233
                                474365.558 3755784.331 503.01
                      VOLUME
LOCATION L0003234
                      VOLUME
                                474380.250 3755781.305 503.05
                                474394.941 3755778.278 503.11
LOCATION L0003235
                      VOLUME
LOCATION L0003236
                                474409.633 3755775.251 503.17
                      VOLUME
LOCATION L0003237
                      VOLUME
                                474424.324 3755772.225 503.24
                                474439.016 3755769.198 503.31
LOCATION L0003238
                      VOLUME
                                474453.707 3755766.172 503.32
LOCATION L0003239
                      VOLUME
LOCATION L0003240
                      VOLUME
                                474468.399 3755763.145 503.34
LOCATION L0003241
                                474483.090 3755760.119 503.36
                      VOLUME
                                474497.782 3755757.092 503.40
LOCATION L0003242
                      VOLUME
LOCATION L0003243
                                474512.473 3755754.066 503.45
                      VOLUME
LOCATION L0003244
                      VOLUME
                                474527.164 3755751.039 503.52
LOCATION L0003245
                      VOLUME
                                474541.856 3755748.013 503.61
LOCATION L0003246
                      VOLUME
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                                474571.239 3755741.960 503.75
LOCATION L0003247
                      VOLUME
LOCATION L0003248
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                      VOLUME
LOCATION L0003249
                      VOLUME
                                474600.622 3755735.906 503.76
LOCATION L0003250
                      VOLUME
                                474615.313 3755732.880 503.83
LOCATION L0003251
                      VOLUME
                                474630.005 3755729.853 503.94
LOCATION L0003252
                      VOLUME
                                474644.696 3755726.827 504.12
LOCATION L0003253
                                474659.388 3755723.800 504.30
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LOCATION L0003254
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LOCATION L0003255
                                474688.771 3755717.747 504.56
                      VOLUME
LOCATION L0003256
                      VOLUME
                                474703.462 3755714.721 504.60
LOCATION L0003257
                      VOLUME
                                474718.154 3755711.694 504.58
LOCATION L0003258
                                474732.845 3755708.668 504.49
                      VOLUME
                                474747.548 3755705.696 504.40
LOCATION L0003259
                      VOLUME
LOCATION L0003260
                                474762.258 3755702.759 504.38
                      VOLUME
LOCATION L0003261
                                474776.967 3755699.822 504.42
                      VOLUME
LOCATION L0003262
                      VOLUME
                                474791.677 3755696.885 504.52
LOCATION L0003263
                      VOLUME
                                474806.387 3755693.948 504.67
LOCATION L0003264
                      VOLUME
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LOCATION L0003265
                                474835.806 3755688.074 504.92
                      VOLUME
                                474850.516 3755685.137 505.00
LOCATION L0003266
                      VOLUME
                                474865.225 3755682.201 505.04
LOCATION L0003267
                      VOLUME
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LOCATION L0003268
                      VOLUME
LOCATION L0003269
                                474894.645 3755676.327 505.03
                      VOLUME
LOCATION L0003270
                                474909.354 3755673.390 504.98
                      VOLUME
LOCATION L0003271
                      VOLUME
                                474924.064 3755670.453 504.96
                                474938.774 3755667.516 504.99
LOCATION L0003272
                      VOLUME
LOCATION L0003273
                      VOLUME
                                474953.483 3755664.579 505.03
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                               474982.903 3755658.705 505.08
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                      VOLUME
LOCATION L0003276
                               474997.612 3755655.768 505.06
                      VOLUME
LOCATION L0003277
                      VOLUME
                               475012.322 3755652.831 505.04
                               475027.032 3755649.894 504.97
LOCATION L0003278
                      VOLUME
LOCATION L0003279
                      VOLUME
                               475041.741 3755646.957 504.87
                               475056.451 3755644.020 504.75
LOCATION L0003280
                      VOLUME
LOCATION L0003281
                               475071.161 3755641.083 504.58
                      VOLUME
                               475085.870 3755638.146 504.47
LOCATION L0003282
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** DESCRSRC SR60 WB
** PREFIX
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** Configuration = Adjacent
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                                474122.899 3755858.089 502.47
LOCATION L0003540
                      VOLUME
LOCATION L0003541
                                474108.213 3755861.142 502.41
                      VOLUME
LOCATION L0003542
                                474093.527 3755864.194 502.41
                      VOLUME
LOCATION L0003543
                      VOLUME
                                474078.841 3755867.246 502.40
LOCATION L0003544
                      VOLUME
                                474064.154 3755870.299 502.37
LOCATION L0003545
                      VOLUME
                                474049.468 3755873.351 502.24
LOCATION L0003546
                                474034.782 3755876.404 502.07
                      VOLUME
                                474020.096 3755879.456 501.77
LOCATION L0003547
                      VOLUME
                                474005.410 3755882.508 501.43
LOCATION L0003548
                      VOLUME
                                473990.724 3755885.561 501.05
LOCATION L0003549
                      VOLUME
LOCATION L0003550
                                473976.037 3755888.613 500.67
                      VOLUME
LOCATION L0003551
                                473961.351 3755891.665 500.31
                      VOLUME
LOCATION L0003552
                      VOLUME
                                473946.665 3755894.718 499.97
                                473931.979 3755897.770 499.68
LOCATION L0003553
                      VOLUME
LOCATION L0003554
                      VOLUME
                                473917.293 3755900.822 499.34
```

LOCATION LO	0003555	VOLUME	473902.607	3755903.875	498.98
LOCATION LO	9003556	VOLUME	473887.921	3755906.927	498.59
LOCATION LO	9003557	VOLUME	473873.234	3755909.980	498.21
LOCATION LO	9003558	VOLUME	473858.548	3755913.032	497.83
LOCATION LO	9003559	VOLUME	473843.862	3755916.084	497.46
LOCATION LO	0003560	VOLUME	473829.176	3755919.137	497.08
LOCATION LO	0003561	VOLUME	473814.490	3755922.189	496.70
LOCATION LO	0003562	VOLUME	473799.804	3755925.241	496.29
LOCATION LO	0003563	VOLUME	473785.118	3755928.294	495.80
LOCATION LO	0003564	VOLUME	473770.431	3755931.346	495.33
LOCATION LO	0003565	VOLUME	473755.745	3755934.399	494.92
LOCATION LO	0003566	VOLUME	473741.059	3755937.451	494.49
LOCATION LO	0003567	VOLUME	473726.373	3755940.503	494.05
LOCATION LO	0003568	VOLUME	473711.687	3755943.556	493.54
LOCATION LO	0003569	VOLUME	473697.001	3755946.608	493.02
LOCATION LO	0003570	VOLUME	473682.314	3755949.660	492.48
LOCATION LO	0003571	VOLUME	473667.628	3755952.713	491.90
LOCATION LO	0003572	VOLUME	473652.942	3755955.765	491.29
LOCATION LO	0003573	VOLUME	473638.256	3755958.817	490.91
LOCATION LO	0003574	VOLUME	473623.570	3755961.870	490.51
LOCATION LO	0003575	VOLUME	473608.884	3755964.922	489.61
LOCATION LO	0003576	VOLUME	473594.198	3755967.975	488.62
LOCATION LO	0003577	VOLUME	473579.511	3755971.027	487.86
LOCATION LO	0003578	VOLUME	473564.825	3755974.079	487.24
LOCATION LO	0003579	VOLUME	473550.139	3755977.132	486.77
LOCATION LO	0003580	VOLUME	473535.453	3755980.184	486.30
LOCATION LO	0003581	VOLUME	473520.767	3755983.236	485.87
Find a C L TNI	- VOLUME Ca.	TD	CLINES		

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM L0003194

SRCPARAM L0003195 0.000011133

SRCPARAM	L0003176	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003177	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003178	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003179	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003180	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003181	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003182	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003183	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003184	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003185	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003186	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003187	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003188	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003189	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003190	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003191	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003192	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003193	0.000011133	2.72	6.98	2.53

0.000011133

2.53

2.53

2.72 6.982.72 6.98

<sup>\*\*</sup> Source Parameters \*\*

SRCPARAM	L0003196	0.000011133	2.72	6.98	2.53
	L0003197	0.000011133	2.72	6.98	2.53
	L0003198	0.000011133	2.72	6.98	2.53
	L0003199	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003200	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003201	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003202	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003203	0.000011133	2.72	6.98	2.53
	L0003204	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003205	0.000011133	2.72	6.98	2.53
	L0003206	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003207	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003208	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003209	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003210	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003211	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003212	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003213	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003214	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003215	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003216	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003217	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003218	0.000011133	2.72	6.98	2.53
	L0003219	0.000011133	2.72	6.98	2.53
	L0003220	0.000011133	2.72	6.98	2.53
	L0003221	0.000011133	2.72	6.98	2.53
	L0003222	0.000011133	2.72	6.98	2.53
	L0003223	0.000011133	2.72	6.98	2.53
	L0003224	0.000011133	2.72	6.98	2.53
	L0003225	0.000011133	2.72	6.98	2.53
	L0003226	0.000011133	2.72	6.98	2.53
	L0003227	0.000011133	2.72	6.98	2.53
	L0003228	0.000011133	2.72	6.98	2.53
	L0003229	0.000011133	2.72	6.98	2.53
	L0003230	0.000011133	2.72	6.98	2.53
	L0003231	0.000011133	2.72	6.98	2.53
	L0003232	0.000011133	2.72	6.98	2.53
	L0003232	0.000011133	2.72	6.98	2.53
	L0003233	0.000011133	2.72	6.98	2.53
	L0003234	0.000011133	2.72	6.98	2.53
	L0003235	0.000011133	2.72	6.98	2.53
	L0003230	0.000011133	2.72	6.98	2.53
	L0003237	0.000011133	2.72	6.98	2.53
	L0003238	0.000011133	2.72	6.98	2.53
	L0003239	0.000011133	2.72	6.98	2.53
	L0003240 L0003241	0.000011133	2.72	6.98	2.53
	L0003241 L0003242	0.000011133	2.72	6.98	2.53
	L0003242 L0003243	0.000011133	2.72	6.98	2.53
	L0003243 L0003244				
		0.000011133	2.72	6.98	2.53
SKCPAKAM	L0003245	0.000011133	2.72	6.98	2.53

SRCPARAM	L0003246	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003247	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003248	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003249	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003250	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003251	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003252	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003253	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003254	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003255	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003256	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003257	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003258	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003259	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003260	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003261	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003262	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003263	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003264	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003265	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003266	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003267	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003268	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003269	0.000011133	2.72	6.98	2.53
	L0003270	0.000011133	2.72	6.98	2.53
	L0003271	0.000011133	2.72	6.98	2.53
	L0003272	0.000011133	2.72	6.98	2.53
	L0003273	0.000011133	2.72	6.98	2.53
	L0003274	0.000011133	2.72	6.98	2.53
	L0003275	0.000011133	2.72	6.98	2.53
	L0003276	0.000011133	2.72	6.98	2.53
	L0003277	0.000011133	2.72	6.98	2.53
	L0003278	0.000011133	2.72	6.98	2.53
	L0003279	0.000011133	2.72	6.98	2.53
	L0003280	0.000011133	2.72	6.98	2.53
	L0003281	0.000011133	2.72	6.98	2.53
	L0003282	0.000011133	2.72	6.98	2.53
	L0003283	0.000011133	2.72	6.98	2.53
	L0003284	0.000011133	2.72	6.98	2.53
	L0003285	0.000011133	2.72	6.98	2.53
	L0003286	0.000011133	2.72	6.98	2.53
	L0003287	0.000011133	2.72	6.98	2.53
	L0003288	0.000011133	2.72	6.98	2.53
	L0003289	0.000011133	2.72	6.98	2.53
	L0003290	0.000011133	2.72	6.98	2.53
	L0003291	0.000011133	2.72	6.98	2.53
	L0003291	0.000011133	2.72	6.98	2.53
	L0003292	0.000011133	2.72	6.98	2.53
	L0003294	0.000011133	2.72	6.98	2.53
	L0003294 L0003295	0.000011133	2.72	6.98	2.53
JINCHARAM	L0003233	0.000011133	4.14	0.70	۷. ا

SRCPARAM	L0003296	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003297	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003298	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003299	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003300	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003301	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003302	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003303	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003304	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003305	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003306	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003307	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003308	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003309	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003310	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003311	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003312	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003313	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003314	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003315	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003316	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003317	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003318	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003319	0.000011133	2.72	6.98	2.53
	L0003320	0.000011133	2.72	6.98	2.53
	L0003321	0.000011133	2.72	6.98	2.53
	L0003322	0.000011133	2.72	6.98	2.53
	L0003323	0.000011133	2.72	6.98	2.53
	L0003324	0.000011133	2.72	6.98	2.53
	L0003325	0.000011133	2.72	6.98	2.53
	L0003326	0.000011133	2.72	6.98	2.53
	L0003327	0.000011133	2.72	6.98	2.53
	L0003328	0.000011133	2.72	6.98	2.53
	L0003329	0.000011133	2.72	6.98	2.53
	L0003330	0.000011133	2.72	6.98	2.53
	L0003331	0.000011133	2.72	6.98	2.53
	L0003332	0.000011133	2.72	6.98	2.53
	L0003332	0.000011133	2.72	6.98	2.53
	L0003333	0.000011133	2.72	6.98	2.53
	L0003335	0.000011133	2.72	6.98	2.53
	L0003336	0.000011133	2.72	6.98	2.53
	L0003337	0.000011133	2.72	6.98	2.53
	L0003337	0.000011133	2.72	6.98	2.53
	L0003330	0.000011133	2.72	6.98	2.53
	L00033340	0.000011133	2.72	6.98	2.53
	L0003340	0.000011133	2.72	6.98	2.53
	L0003341 L0003342	0.000011133	2.72	6.98	2.53
	L0003342	0.000011133	2.72	6.98	2.53
	L0003343	0.000011133	2.72	6.98	2.53
	L0003344 L0003345	0.000011133	2.72	6.98	2.53
JINCFARAM	L0003343	0.000011133	4.14	0.90	۷.55

	SRCPARAM	L0003346	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003347	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003348	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003349	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003350	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003351	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003352	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003353			6.98	2.53
	SRCPARAM	L0003354	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003355	0.000011133		6.98	2.53
	SRCPARAM	L0003356	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003357	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003358	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003359	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003360	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003361	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003362	0.000011133	2.72	6.98	2.53
	SRCPARAM		0.000011133			2.53
	SRCPARAM		0.000011133			2.53
	SRCPARAM	L0003365	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003366	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003367	0.000011133	2.72		2.53
						2.53
			0.000011133			2.53
			0.000011133			2.53
			0.000011133			2.53
			0.000011133			2.53
			0.000011133			2.53
		L0003374	0.000011133	2.72	6.98	2.53
		L0003375	0.000011133	2.72	6.98	2.53
			0.000011133			2.53
			0.000011133			
			0.000011133			
**						
**	LINE VOLU	JME Source ID	= SLINE2			
	SRCPARAM	L0003379	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003380	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003381	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003382	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003383	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003384	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003385	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003386	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003387	0.000011133	2.72	6.98	2.53
		L0003388	0.000011133	2.72	6.98	2.53
		L0003389	0.000011133	2.72	6.98	2.53
		L0003390	0.000011133	2.72	6.98	2.53
		L0003391	0.000011133	2.72	6.98	2.53
		L0003392	0.000011133	2.72	6.98	2.53
		L0003393	0.000011133	2.72	6.98	2.53

SRCPARAM	L0003394	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003395	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003396	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003397	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003398	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003399	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003400	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003401	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003402	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003403	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003404	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003405	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003406	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003407	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003408	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003409	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003410	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003411	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003412	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003413	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003414	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003415	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003416	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003417	0.000011133	2.72	6.98	2.53
	L0003418	0.000011133	2.72	6.98	2.53
	L0003419	0.000011133	2.72	6.98	2.53
	L0003420	0.000011133	2.72	6.98	2.53
	L0003421	0.000011133	2.72	6.98	2.53
	L0003422	0.000011133	2.72	6.98	2.53
	L0003423	0.000011133	2.72	6.98	2.53
	L0003424	0.000011133	2.72	6.98	2.53
	L0003425	0.000011133	2.72	6.98	2.53
	L0003426	0.000011133	2.72	6.98	2.53
	L0003427	0.000011133	2.72	6.98	2.53
	L0003428	0.000011133	2.72	6.98	2.53
	L0003429	0.000011133	2.72	6.98	2.53
	L0003430	0.000011133	2.72	6.98	2.53
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	L0003439	0.000011133	2.72	6.98	2.53
	L0003440 L0003441	0.000011133	2.72	6.98	2.53
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	L0003442 L0003443	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003450	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003452	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003457	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003458	0.000011133	2.72	6.98	2.53
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	L0003492 L0003493	0.000011133	2.72	6.98	2.53
JINCHARAM	L0003433	0.000011133	4.14	0.00	در. ۲

SRCPARAM	L0003494	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003495	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003497	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003498	0.000011133	2.72	6.98	2.53
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	L0003537	0.000011133	2.72	6.98	2.53
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SKCPAKAM	L0003543	0.000011133	2.72	6.98	2.53

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	SRCPARAM	L0003570	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003571	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003572	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003573	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003574	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003575	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003576	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003577	0.000011133	2.72	6.98	2.53
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	SRCPARAM	L0003579	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003580	0.000011133	2.72	6.98	2.53
			0.000011133		6.98	2.53
	URBANSRC	ALL				
	SRCGROUP	ALL				
S0	FINISHED					
**						
			******			
**	AERMOD Re	eceptor Pathwa	ау			

RE STARTING INCLUDED MVMall-TR\_2027.rou

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RE FINISHED
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** AERMOD Meteorology Pathway
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ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\MVMall-TR 2027\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\MVMall-TR 2027\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD
View\MVMall-TR_2027\MVMALL-TR_2027.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall-TR 2027\MVMALL-TR 2027.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall-TR_2027\MVMall-TR_2027.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM
          World Geodetic System 1984
** DTMRGN Global Definition
** UNITS
          m
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL-TR 2027\MVMALL-TR 2027.ADI
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**
**
***********
** AERMOD CONTROL PATHWAY
************
**
CO STARTING
  TITLEONE 2027 OPERATIONS - TRUCK PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL MVMALL-TR 2027.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 SR60 EB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00226
** VERTICAL DIMENSION = 5.44
** SZINIT = 2.53
** NODES = 5
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** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
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\*\* 475301.985, 3755606.087, 502.95, 2.72, 6.98

\*\* 476529.628, 3755625.490, 502.55, 2.72, 6.98 LOCATION L0003176 473528.143 3755956.844 486.24 VOLUME LOCATION L0003177 VOLUME 473542.834 3755953.817 486.73 LOCATION L0003178 473557.526 3755950.791 487.18 VOLUME LOCATION L0003179 VOLUME 473572.217 3755947.764 487.68 473586.909 3755944.738 488.22 LOCATION L0003180 VOLUME **VOLUME** 473601.600 3755941.711 488.82 LOCATION L0003181 473616.292 3755938.685 489.44 LOCATION L0003182 VOLUME LOCATION L0003183 473630.983 3755935.658 490.04 VOLUME LOCATION L0003184 **VOLUME** 473645.675 3755932.632 490.60

LOCATION L0003185 VOLUME 473660.366 3755929.605 491.17 LOCATION L0003186 VOLUME 473675.058 3755926.579 491.73 LOCATION L0003187 VOLUME 473689.749 3755923.552 492.19 LOCATION L0003188 VOLUME 473704.441 3755920.525 492.60

LOCATION L0003189 VOLUME 473719.132 3755917.499 493.03 LOCATION L0003190 VOLUME 473733.824 3755914.472 493.49

LOCATION L0003191 VOLUME 473748.515 3755911.446 493.96 LOCATION L0003192 VOLUME 473763.207 3755908.419 494.44

LOCATION L0003193 VOLUME 473777.898 3755905.393 494.94 LOCATION L0003194 VOLUME 473792.590 3755902.366 495.42

LOCATION L0003195 VOLUME 473807.281 3755899.340 495.88 LOCATION L0003196 VOLUME 473821.973 3755896.313 496.27

LOCATION L0003197 VOLUME 473836.664 3755893.287 496.63 LOCATION L0003198 VOLUME 473851.356 3755890.260 496.82

LOCATION L0003199 VOLUME 473866.047 3755887.234 497.09 LOCATION L0003200 VOLUME 473880.739 3755884.207 497.45 LOCATION L0003201 VOLUME 473895.430 3755881.180 497.87

LOCATION L0003202 VOLUME 473910.122 3755878.154 498.36 LOCATION L0003203 VOLUME 473924.813 3755875.127 498.83

LOCATION L0003204 VOLUME 473939.505 3755872.101 499.29

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LOCATION L0003207 VOLUME 473983.579 3755863.021 500.49 LOCATION L0003208 VOLUME 473998.271 3755859.995 500.71

LOCATION L0003209 VOLUME 474012.962 3755856.968 500.99

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LOCATION L0003213 VOLUME 474071.728 3755844.862 501.95

LOCATION L0003214 VOLUME 474086.420 3755841.835 502.16

LOCATION L0003215 VOLUME 474101.111 3755838.809 502.33

LOCATION L0003216 VOLUME 474115.803 3755835.782 502.52

LOCATION L0003217 VOLUME 474130.494 3755832.756 502.69

LOCATION L0003218 VOLUME 474145.186 3755829.729 502.73

LOCATION L0003219 VOLUME 474159.877 3755826.703 502.69

LOCATION L0003220 VOLUME 474174.569 3755823.676 502.48 LOCATION L0003221 VOLUME 474189.260 3755820.650 502.24

LOCATION L0003222 VOLUME 474203.952 3755817.623 499.85

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                      VOLUME
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                                474233.335 3755811.570 499.08
LOCATION L0003224
                      VOLUME
LOCATION L0003225
                                474248.026 3755808.543 500.43
                      VOLUME
LOCATION L0003226
                      VOLUME
                                474262.718 3755805.517 502.33
                                474277.409 3755802.490 502.93
LOCATION L0003227
                      VOLUME
LOCATION L0003228
                      VOLUME
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                                474306.792 3755796.437 503.04
LOCATION L0003229
                      VOLUME
LOCATION L0003230
                                474321.484 3755793.411 503.03
                      VOLUME
                                474336.175 3755790.384 503.02
LOCATION L0003231
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LOCATION L0003232
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                      VOLUME
LOCATION L0003233
                      VOLUME
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LOCATION L0003234
                      VOLUME
                                474380.250 3755781.305 503.05
LOCATION L0003235
                                474394.941 3755778.278 503.11
                      VOLUME
LOCATION L0003236
                      VOLUME
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                                474424.324 3755772.225 503.24
LOCATION L0003237
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LOCATION L0003238
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LOCATION L0003239
                      VOLUME
LOCATION L0003240
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                      VOLUME
LOCATION L0003241
                      VOLUME
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LOCATION L0003242
                                474497.782 3755757.092 503.40
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LOCATION L0003243
                      VOLUME
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LOCATION L0003244
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LOCATION L0003245
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                                474556.547 3755744.986 503.69
LOCATION L0003246
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LOCATION L0003247
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LOCATION L0003248
                      VOLUME
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LOCATION L0003249
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LOCATION L0003250
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LOCATION L0003251
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LOCATION L0003252
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LOCATION L0003253
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LOCATION L0003254
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LOCATION L0003255
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LOCATION L0003256
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LOCATION L0003257
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LOCATION L0003258
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LOCATION L0003259
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                      VOLUME
LOCATION L0003260
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                      VOLUME
LOCATION L0003261
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LOCATION L0003262
                      VOLUME
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LOCATION L0003263
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LOCATION L0003264
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LOCATION L0003266
                      VOLUME
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LOCATION L0003267
                      VOLUME
LOCATION L0003268
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                      VOLUME
LOCATION L0003269
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                      VOLUME
LOCATION L0003270
                      VOLUME
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                                474924.064 3755670.453 504.96
LOCATION L0003271
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LOCATION L0003272
                      VOLUME
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LOCATION L0003274
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LOCATION L0003275
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                      VOLUME
LOCATION L0003276
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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
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                      VOLUME
LOCATION L0003534
                               474211.016 3755839.775 499.21
                      VOLUME
LOCATION L0003535
                               474196.330 3755842.827 501.50
                      VOLUME
LOCATION L0003536
                      VOLUME
                               474181.644 3755845.880 502.64
LOCATION L0003537
                      VOLUME
                               474166.957 3755848.932 502.75
LOCATION L0003538
                               474152.271 3755851.985 502.68
                      VOLUME
                               474137.585 3755855.037 502.56
LOCATION L0003539
                      VOLUME
LOCATION L0003540
                               474122.899 3755858.089 502.47
                      VOLUME
LOCATION L0003541
                               474108.213 3755861.142 502.41
                      VOLUME
LOCATION L0003542
                      VOLUME
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LOCATION L0003543
                      VOLUME
                               474078.841 3755867.246 502.40
                               474064.154 3755870.299 502.37
LOCATION L0003544
                      VOLUME
LOCATION L0003545
                               474049.468 3755873.351 502.24
                      VOLUME
                               474034.782 3755876.404 502.07
LOCATION L0003546
                      VOLUME
                               474020.096 3755879.456 501.77
LOCATION L0003547
                      VOLUME
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LOCATION L0003548
                      VOLUME
LOCATION L0003549
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                      VOLUME
LOCATION L0003550
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                      VOLUME
LOCATION L0003551
                      VOLUME
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                               473946.665 3755894.718 499.97
LOCATION L0003552
                      VOLUME
LOCATION L0003553
                      VOLUME
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LOCATION L0003554
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   LOCATION L0003555
                         VOLUME
                                  473902.607 3755903.875 498.98
                                  473887.921 3755906.927 498.59
   LOCATION L0003556
                         VOLUME
   LOCATION L0003557
                         VOLUME
                                  473873.234 3755909.980 498.21
   LOCATION L0003558
                         VOLUME
                                  473858.548 3755913.032 497.83
   LOCATION L0003559
                         VOLUME
                                  473843.862 3755916.084 497.46
   LOCATION L0003560
                         VOLUME
                                  473829.176 3755919.137 497.08
                                  473814.490 3755922.189 496.70
   LOCATION L0003561
                         VOLUME
   LOCATION L0003562
                         VOLUME
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                                  473785.118 3755928.294 495.80
   LOCATION L0003563
                         VOLUME
   LOCATION L0003564
                         VOLUME
                                  473770.431 3755931.346 495.33
   LOCATION L0003565
                         VOLUME
                                  473755.745 3755934.399 494.92
   LOCATION L0003566
                                  473741.059 3755937.451 494.49
                         VOLUME
   LOCATION L0003567
                         VOLUME
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                                  473711.687 3755943.556 493.54
   LOCATION L0003568
                         VOLUME
   LOCATION L0003569
                         VOLUME
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   LOCATION L0003571
                                  473667.628 3755952.713 491.90
                         VOLUME
   LOCATION L0003572
                         VOLUME
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   LOCATION L0003574
                         VOLUME
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   LOCATION L0003575
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   LOCATION L0003576
                         VOLUME
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   LOCATION L0003577
                         VOLUME
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   LOCATION L0003578
                         VOLUME
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   LOCATION L0003579
                         VOLUME
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   LOCATION L0003580
                         VOLUME
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   LOCATION L0003581
                         VOLUME
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** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
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SRCPARAM	L0003184	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003185	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003191	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003193	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003194	0.000011133	2.72	6.98	2.53

6.98

2.53

2.72

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SRCPARAM	L0003197	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003214	0.000011133	2.72	6.98	2.53
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	L0003230	0.000011133	2.72	6.98	2.53
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	L0003240 L0003241	0.000011133	2.72	6.98	2.53
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	L0003243	0.000011133	2.72	6.98	2.53
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*	LINE VOLU	ME SOURCE ID	= SLINE2			
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	SRCPARAM		0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003394	0.000011133	2.72	6.98	2.53
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SRCPARAM	L0003402	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003403	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003404	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003405	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003406	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003407	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003408	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003409	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003410	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003411	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003412	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003413	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003414	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003415	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003416	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003417	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003418	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003419	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003420	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003421	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003422	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003423	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003424	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003425	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003426	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003427	0.000011133	2.72	6.98	2.53
	L0003428	0.000011133	2.72	6.98	2.53
	L0003429	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003430	0.000011133	2.72	6.98	2.53
	L0003431	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003432	0.000011133	2.72	6.98	2.53
	L0003433	0.000011133	2.72	6.98	2.53
	L0003434	0.000011133	2.72	6.98	2.53
	L0003435	0.000011133	2.72	6.98	2.53
	L0003436	0.000011133	2.72	6.98	2.53
	L0003437	0.000011133	2.72	6.98	2.53
	L0003438	0.000011133	2.72	6.98	2.53
	L0003439	0.000011133	2.72	6.98	2.53
	L0003440	0.000011133	2.72	6.98	2.53
	L0003441	0.000011133	2.72	6.98	2.53
	L0003442	0.000011133	2.72	6.98	2.53
JICI AIAH	-3003 FTL	0.000011100	/-	3.20	2.55

SRCPARAM	L0003443	0.000011133	2.72	6.98	2.53
	L0003444	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003445	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003446	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003447	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003448	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003449	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003450	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003451	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003452	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003453	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003454	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003455	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003456	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003457	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003458	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003459	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003460	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003461	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003462	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003463	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003464	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003465	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003466	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003467	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003468	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003469	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003470	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003471	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003472	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003473	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003474	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003475	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003476	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003477	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003478	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003479	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003480	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003481	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003482	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003483	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003484	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003485	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003486	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003487	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003488	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003489	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003490	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003491	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003492	0.000011133	2.72	6.98	2.53

SRCPARAM	L0003493	0.000011133	2.72	6.98	2.53
	L0003494	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003495	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003496	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003497	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003498	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003499	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003500	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003501	0.000011133	2.72	6.98	2.53
	L0003502	0.000011133	2.72	6.98	2.53
	L0003503	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003504	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003505	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003506	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003507	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003508	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003509	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003510	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003511	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003512	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003513	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003514	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003515	0.000011133	2.72	6.98	2.53
SRCPARAM	L0003516	0.000011133	2.72	6.98	2.53
	L0003517	0.000011133	2.72	6.98	2.53
	L0003518	0.000011133	2.72	6.98	2.53
	L0003519	0.000011133	2.72	6.98	2.53
	L0003520	0.000011133	2.72	6.98	2.53
	L0003521	0.000011133	2.72	6.98	2.53
	L0003522	0.000011133	2.72	6.98	2.53
	L0003523	0.000011133	2.72	6.98	2.53
	L0003524	0.000011133	2.72	6.98	2.53
	L0003525	0.000011133	2.72	6.98	2.53
	L0003526	0.000011133	2.72	6.98	2.53
	L0003527	0.000011133	2.72	6.98	2.53
	L0003528	0.000011133	2.72	6.98	2.53
	L0003529	0.000011133	2.72	6.98	2.53
	L0003530	0.000011133	2.72	6.98	2.53
	L0003531	0.000011133	2.72	6.98	2.53
	L0003532	0.000011133	2.72	6.98	2.53
	L0003532	0.000011133	2.72	6.98	2.53
	L0003533	0.000011133	2.72	6.98	2.53
	L0003535	0.000011133	2.72	6.98	2.53
	L0003535	0.000011133	2.72	6.98	2.53
	L0003537	0.000011133	2.72	6.98	2.53
	L0003537	0.000011133	2.72	6.98	2.53
	L0003538	0.000011133	2.72	6.98	2.53
	L0003539	0.000011133	2.72	6.98	2.53
	L0003540 L0003541	0.000011133	2.72	6.98	2.53
SKCPAKAM	L0003542	0.000011133	2.72	6.98	2.53

	SRCPARAM	L0003543	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003544	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003545	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003546	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003547	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003548	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003549	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003550	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003551	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003552	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003553	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003554	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003555	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003556	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003557	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003558	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003559	0.000011133	2.72	6.98	2.53
		L0003560	0.000011133	2.72	6.98	2.53
		L0003561	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003562	0.000011133	2.72	6.98	2.53
	SRCPARAM	L0003563	0.000011133	2.72	6.98	2.53
		L0003564	0.000011133	2.72	6.98	2.53
	SRCPARAM		0.000011133	2.72	6.98	2.53
		L0003566	0.000011133	2.72	6.98	2.53
		L0003567	0.000011133	2.72	6.98	2.53
		L0003568	0.000011133	2.72	6.98	2.53
		L0003569	0.000011133	2.72	6.98	2.53
		L0003570	0.000011133	2.72	6.98	2.53
		L0003571	0.000011133	2.72	6.98	2.53
	SRCPARAM		0.000011133	2.72	6.98	2.53
		L0003573	0.000011133	2.72	6.98	2.53
		L0003574	0.000011133	2.72	6.98	2.53
		L0003575	0.000011133	2.72	6.98	2.53
	SRCPARAM		0.000011133	2.72	6.98	2.53
		L0003577				2.53
		L0003578	0.000011133		6.98	2.53
		L0003579		2.72	6.98	2.53
			0.000011133	2.72	6.98	2.53
411	SRCPARAM		0.000011133	2.72	6.98	2.53
**						
	URBANSRC	ALL				

URBANSRC ALL SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*\*\*\*\*\*\*

\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*\*\*\*\*\*\*\*

\*\*

\*\*

**RE STARTING** 

```
INCLUDED MVMALL-TR 2027.ROU
RE FINISHED
**************
** AERMOD METEOROLOGY PATHWAY
***********
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR 2027\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR_2027\PERI_V9_ADJU\
  PROFFILE PERI_V9_ADJU\PERI_V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
***********
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
  PLOTFILE
           1 ALL 1ST "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2027\MVMALL-TR_2027.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2027\MVMALL-TR_2027.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL-TR_2027\MVMALL-TR_2027.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
            917
                     MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
            917
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
***********
*** SETUP Finishes Successfully ***
***********
↑ *** AERMOD - VERSION 21112
                            *** *** 2027 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                      ***
                                15:36:47
                                PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                                 MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 406 Source(s),
  for Total of
                  1 Urban Area(s):
  Urban Population =
                       2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
        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 10

and Calculates PERIOD Averages \*\*This Run Includes: 406 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 406 VOLUME source(s) and: and: 0 AREA type source(s) 0 LINE source(s) and: and: 0 RLINE/RLINEXT source(s) and: 0 OPENPIT source(s) 0 BUOYANT LINE source(s) with a total of 0 line(s) and: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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 Base Elev. for Pot. Temp. Profile (m MSL) = 442.00; Decay \*\*Misc. Inputs: Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 Output Units = MICROGRAMS/M\*\*3 \*\*Approximate Storage Requirements of Model = 3.7 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out

1-HR

\*\*Model Calculates 1 Short Term Average(s) of:

\*\*Detailed Error/Message File: MVMALL-TR 2027.ERR

\*\*File for Summary of Results: C:\LAKES\AERMOD

VIEW\MVMALL-TR\_2027\MVMALL-TR\_2027.SUM

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:36:47

PAGE 2

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0003176 2.53 YES	0	0.11133E-04	473528.1	3755956.8	486.2	2.72	6.98
L0003177	0	0.11133E-04	473542.8	3755953.8	486.7	2.72	6.98
2.53 YES							
L0003178 2.53 YES	0	0.11133E-04	473557.5	3755950.8	487.2	2.72	6.98
2.53 YES L0003179	0	0.11133E-04	473572.2	3755947.8	487.7	2.72	6.98
2.53 YES	-						
L0003180	0	0.11133E-04	473586.9	3755944.7	488.2	2.72	6.98
2.53 YES L0003181	0	0.11133E-04	172601 6	27550/1 7	488.8	2.72	6.98
2.53 YES	V	0.111336-04	4/3001.0	3/33341./	400.0	2.72	0.98
L0003182	0	0.11133E-04	473616.3	3755938.7	489.4	2.72	6.98
2.53 YES		0 444005 04			400.0		4 00
L0003183 2.53 YES	0	0.11133E-04	4/3631.0	3/55935./	490.0	2.72	6.98
L0003184	0	0.11133E-04	473645.7	3755932.6	490.6	2.72	6.98
2.53 YES							
L0003185 2.53 YES	0	0.11133E-04	473660.4	3755929.6	491.2	2.72	6.98
L0003186	0	0.11133E-04	473675.1	3755926.6	491.7	2.72	6.98
2.53 YES							
L0003187	0	0.11133E-04	473689.7	3755923.6	492.2	2.72	6.98
2.53 YES L0003188	0	0.11133E-04	473704 4	3755920 5	492.6	2.72	6.98
2.53 YES	Ü	J.11133L 04	F, J, UT•4	5,55520.5	772.0	<b>~•</b> / <b>~</b>	0.50
L0003189	0	0.11133E-04	473719.1	3755917.5	493.0	2.72	6.98
2.53 YES							

L0003190	0	0.11133E-04	473733.8 3755914.5	493.5	2.72	6.98
2.53 YES L0003191	0	0.11133E-04	473748.5 3755911.4	494.0	2.72	6.98
2.53 YES			., .,			0,120
L0003192	0	0.11133E-04	473763.2 3755908.4	494.4	2.72	6.98
2.53 YES L0003193	0	0.11133E-04	473777.9 3755905.4	494.9	2.72	6.98
2.53 YES	Ø	0.111336-04	4/3///.9 3/33903.4	434.9	2.72	0.90
L0003194	0	0.11133E-04	473792.6 3755902.4	495.4	2.72	6.98
2.53 YES						
L0003195	0	0.11133E-04	473807.3 3755899.3	495.9	2.72	6.98
2.53 YES	0	0.11133E-04	472022 A 2755006 2	406.2	2.72	6.98
L0003196 2.53 YES	0	0.11133E-04	473822.0 3755896.3	496.3	2.72	0.98
L0003197	0	0.11133E-04	473836.7 3755893.3	496.6	2.72	6.98
2.53 YES	Ū	0.111332 0.	17303017 373303313	150.0	2.,2	0.30
L0003198	0	0.11133E-04	473851.4 3755890.3	496.8	2.72	6.98
2.53 YES						
L0003199	0	0.11133E-04	473866.0 3755887.2	497.1	2.72	6.98
2.53 YES						
L0003200	0	0.11133E-04	473880.7 3755884.2	497.4	2.72	6.98
2.53 YES	0	0 111225 04	472005 4 2755004 2	407.0	2 72	c 00
L0003201 2.53 YES	0	0.11133E-04	473895.4 3755881.2	497.9	2.72	6.98
L0003202	0	0.11133E-04	473910.1 3755878.2	498.4	2.72	6.98
2.53 YES	O	0.111336-04	4/3310.1 3/330/0.2	470.4	2.72	0.50
L0003203	0	0.11133E-04	473924.8 3755875.1	498.8	2.72	6.98
2.53 YES						
L0003204	0	0.11133E-04	473939.5 3755872.1	499.3	2.72	6.98
2.53 YES						
L0003205	0	0.11133E-04	473954.2 3755869.1	499.7	2.72	6.98
2.53 YES		0 444335 04	473060 0 3755066 0	500.4	2 72	
L0003206	0	0.11133E-04	473968.9 3755866.0	500.1	2.72	6.98
2.53 YES L0003207	0	0 11133F-04	473983.6 3755863.0	500.5	2.72	6.98
2.53 YES	Ū	0.111332 04	475505.0 5755005.0	500.5	2.72	0.50
L0003208	0	0.11133E-04	473998.3 3755860.0	500.7	2.72	6.98
2.53 YES						
L0003209	0	0.11133E-04	474013.0 3755857.0	501.0	2.72	6.98
2.53 YES						
L0003210	0	0.11133E-04	474027.7 3755853.9	501.2	2.72	6.98
2.53 YES	0	0 444335 04	474042 2 2755050 0	F04 F	2 72	
L0003211 2.53 YES	0	0.11133E-04	474042.3 3755850.9	501.5	2.72	6.98
L0003212	0	0 11133F-04	474057.0 3755847.9	501.8	2.72	6.98
2.53 YES	· ·	0.111332 04	+7+057:0 57550+7:5	301.0	2.72	0.50
L0003213	0	0.11133E-04	474071.7 3755844.9	501.9	2.72	6.98
2.53 YES						
L0003214	0	0.11133E-04	474086.4 3755841.8	502.2	2.72	6.98
2.53 YES						

L0003215 0 0.11133E-04 474101.1 3755838.8 502.3 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE		ON RATE (GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0003216	0	0.11133E-04	474115.8	3755835.8	502.5	2.72	6.98
2.53 YES							
L0003217	0	0.11133E-04	474130.5	3755832.8	502.7	2.72	6.98
2.53 YES	_						
L0003218	0	0.11133E-04	474145.2	3755829.7	502.7	2.72	6.98
2.53 YES	0	0 111225 04	474150 0	2755026 7	F02 7	2 72	6.00
L0003219 2.53 YES	0	0.11133E-04	4/4159.9	3/55826./	502.7	2.72	6.98
L0003220	0	0.11133E-04	474174 6	3755823 7	502.5	2.72	6.98
2.53 YES	U	0.111336 04	474174.0	3733023.7	302.3	2.72	0.50
L0003221	0	0.11133E-04	474189.3	3755820.6	502.2	2.72	6.98
2.53 YES							
L0003222	0	0.11133E-04	474204.0	3755817.6	499.9	2.72	6.98
2.53 YES							
L0003223	0	0.11133E-04	474218.6	3755814.6	498.2	2.72	6.98
2.53 YES							
L0003224	0	0.11133E-04	474233.3	3755811.6	499.1	2.72	6.98
2.53 YES	0	0 111225 04	474249 0	2755000 5	F00 4	2 72	6.00
L0003225 2.53 YES	0	0.11133E-04	4/4248.0	3/55808.5	500.4	2.72	6.98
L0003226	0	0.11133E-04	474262 7	3755805 5	502.3	2.72	6.98
2.53 YES	U	0.111336 04	474202.7	3733003.3	302.3	2.72	0.50
L0003227	0	0.11133E-04	474277.4	3755802.5	502.9	2.72	6.98
2.53 YES							
L0003228	0	0.11133E-04	474292.1	3755799.5	503.1	2.72	6.98
2.53 YES							
L0003229	0	0.11133E-04	474306.8	3755796.4	503.0	2.72	6.98
2.53 YES							

L0003230	0	0.11133E-04	474321.5 3755793.4	503.0	2.72	6.98
2.53 YES L0003231	0	0.11133E-04	474336.2 3755790.4	503.0	2.72	6.98
2.53 YES	ŭ	0.111331 0.	1, 133012 3, 33, 3011	303.0	_,,_	0.50
L0003232	0	0.11133E-04	474350.9 3755787.4	503.0	2.72	6.98
2.53 YES						
L0003233	0	0.11133E-04	474365.6 3755784.3	503.0	2.72	6.98
2.53 YES L0003234	0	0.11133E-04	474380.2 3755781.3	503.1	2.72	6.98
2.53 YES	U	0.111336 04	+/+J00.2 J/JJ/01.J	303.1	2.72	0.50
L0003235	0	0.11133E-04	474394.9 3755778.3	503.1	2.72	6.98
2.53 YES						
L0003236	0	0.11133E-04	474409.6 3755775.3	503.2	2.72	6.98
2.53 YES	•	0 444335 04	474404 2 2755772 2	F02 2	2 72	
L0003237	0	0.11133E-04	474424.3 3755772.2	503.2	2.72	6.98
2.53 YES L0003238	0	0.11133E-04	474439.0 3755769.2	503.3	2.72	6.98
2.53 YES	O	0.111336-04	474433.0 3733703.2	202.5	2.72	0.50
L0003239	0	0.11133E-04	474453.7 3755766.2	503.3	2.72	6.98
2.53 YES						
L0003240	0	0.11133E-04	474468.4 3755763.1	503.3	2.72	6.98
2.53 YES						
L0003241	0	0.11133E-04	474483.1 3755760.1	503.4	2.72	6.98
2.53 YES	0	Q 11122F Q4	474407 0 2755757 1	EQ2 4	2 72	6.98
L0003242 2.53 YES	0	0.11133E-04	474497.8 3755757.1	503.4	2.72	0.98
L0003243	0	0.11133E-04	474512.5 3755754.1	503.4	2.72	6.98
2.53 YES			., ., ., ., ., ., ., ., ., ., ., ., ., .			
L0003244	0	0.11133E-04	474527.2 3755751.0	503.5	2.72	6.98
2.53 YES						
L0003245	0	0.11133E-04	474541.9 3755748.0	503.6	2.72	6.98
2.53 YES	0	0 111225 04	474556 5 2755745 0	F02 7	2 72	c 00
L0003246 2.53 YES	0	0.11133E-04	474556.5 3755745.0	503.7	2.72	6.98
L0003247	0	0.11133E-04	474571.2 3755742.0	503.8	2.72	6.98
2.53 YES			., ., ., ., ., ., ., ., ., ., ., ., ., .			
L0003248	0	0.11133E-04	474585.9 3755738.9	503.8	2.72	6.98
2.53 YES						
L0003249	0	0.11133E-04	474600.6 3755735.9	503.8	2.72	6.98
2.53 YES	0	0 111225 04	474615 2 2755722 0	F02 0	2 72	c 00
L0003250 2.53 YES	0	0.11133E-04	474615.3 3755732.9	503.8	2.72	6.98
L0003251	0	0.11133F-04	474630.0 3755729.9	503.9	2.72	6.98
2.53 YES	•		.,	50512		
L0003252	0	0.11133E-04	474644.7 3755726.8	504.1	2.72	6.98
2.53 YES						
L0003253	0	0.11133E-04	474659.4 3755723.8	504.3	2.72	6.98
2.53 YES	^	0 111225 04	474674 1 2755720 0	F04 F	2 72	C 00
L0003254 2.53 YES	0	0.11133E-04	474674.1 3755720.8	504.5	2.72	6.98
2.33 163						

L0003255 0 0.11133E-04 474688.8 3755717.7 504.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RATI	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003256 2.53 YES	0	0.11133E-04	474703.5	3755714.7	504.6	2.72	6.98
L0003257	0	0.11133E-04	474718.2	3755711.7	504.6	2.72	6.98
2.53 YES							
L0003258	0	0.11133E-04	474732.8	3755708.7	504.5	2.72	6.98
2.53 YES	•	0 444335 04	474747 5	2755705 7	504.4	2 72	
L0003259 2.53 YES	0	0.11133E-04	4/4/4/.5	3755705.7	504.4	2.72	6.98
L0003260	0	0.11133E-04	474762.3	3755702 8	504.4	2.72	6.98
2.53 YES	· ·	0.111332 04	474702.5	3733702.0	304.4	2,72	0.30
L0003261	0	0.11133E-04	474777.0	3755699.8	504.4	2.72	6.98
2.53 YES							
L0003262	0	0.11133E-04	474791.7	3755696.9	504.5	2.72	6.98
2.53 YES	_						
L0003263	0	0.11133E-04	474806.4	3755693.9	504.7	2.72	6.98
2.53 YES L0003264	0	0.11133E-04	474821.1	2755601 0	504.8	2.72	6.98
2.53 YES	Ø	0.111336-04	4/4021.1	3/33031.0	304.0	2.72	0.96
L0003265	0	0.11133E-04	474835.8	3755688.1	504.9	2.72	6.98
2.53 YES							
L0003266	0	0.11133E-04	474850.5	3755685.1	505.0	2.72	6.98
2.53 YES							
L0003267	0	0.11133E-04	474865.2	3755682.2	505.0	2.72	6.98
2.53 YES	•	0 444335 04	474070 0	2755670 2	505.4	2 72	
L0003268 2.53 YES	0	0.11133E-04	474879.9	3/556/9.3	505.1	2.72	6.98
L0003269	0	0.11133E-04	474894.6	3755676 3	505.0	2.72	6.98
2.53 YES	J	0.111556 04	1, 40,40	<i>5,550,</i> 0 <b>,</b> 5	505.0	2.,,2	0.50

L0003270	0	0.11133E-04	474909.4 3755673.4	505.0	2.72	6.98
2.53 YES L0003271	0	0.11133E-04	474924.1 3755670.5	505.0	2.72	6.98
2.53 YES	Ū	0.111331 0.	., 132112 3,330,013	303.0	_,,_	0.50
L0003272	0	0.11133E-04	474938.8 3755667.5	505.0	2.72	6.98
2.53 YES	•	0.444225.04	474052 5 2755664 6	505.0	2 72	
L0003273 2.53 YES	0	0.11133E-04	474953.5 3755664.6	505.0	2.72	6.98
L0003274	0	0.11133E-04	474968.2 3755661.6	505.1	2.72	6.98
2.53 YES	_					
L0003275	0	0.11133E-04	474982.9 3755658.7	505.1	2.72	6.98
2.53 YES						
L0003276	0	0.11133E-04	474997.6 3755655.8	505.1	2.72	6.98
2.53 YES	^	0 111225 04	475012 2 2755652 0	F0F 0	2 72	c 00
L0003277 2.53 YES	0	0.11133E-04	475012.3 3755652.8	505.0	2.72	6.98
L0003278	0	0.11133E-04	475027.0 3755649.9	505.0	2.72	6.98
2.53 YES	O	0.111332 04	4/302/.0 3/33043.3	303.0	2.72	0.50
L0003279	0	0.11133E-04	475041.7 3755647.0	504.9	2.72	6.98
2.53 YES						
L0003280	0	0.11133E-04	475056.5 3755644.0	504.8	2.72	6.98
2.53 YES						
L0003281	0	0.11133E-04	475071.2 3755641.1	504.6	2.72	6.98
2.53 YES	0	Ω 11122Γ Ω/	47E00E 0 27EE620 1	F04 F	2 72	6 00
L0003282 2.53 YES	0	0.11133E-04	475085.9 3755638.1	504.5	2.72	6.98
L0003283	0	0.11133E-04	475100.6 3755635.2	504.4	2.72	6.98
2.53 YES	Ū	01111331 0.	1,310010 3,3303312	30	_,,_	0.50
L0003284	0	0.11133E-04	475115.3 3755632.3	504.4	2.72	6.98
2.53 YES						
L0003285	0	0.11133E-04	475130.0 3755629.3	504.3	2.72	6.98
2.53 YES	_					
L0003286	0	0.11133E-04	475144.7 3755626.4	504.3	2.72	6.98
2.53 YES L0003287	0	0 11133F-04	475159.4 3755623.5	504.2	2.72	6.98
2.53 YES	O	0.111332 04	4/3133.4 3/33023.3	304.2	2.72	0.50
L0003288	0	0.11133E-04	475174.1 3755620.5	504.0	2.72	6.98
2.53 YES						
L0003289	0	0.11133E-04	475188.8 3755617.6	503.9	2.72	6.98
2.53 YES	_	0 444005 04	4======================================			
L0003290	0	0.11133E-04	475203.5 3755614.7	503.7	2.72	6.98
2.53 YES L0003291	0	0 11133E_0/	475218.4 3755613.0	503.6	2.72	6.98
2.53 YES	U	0.111331-04	4/3210.4 3/33013.0	303.0	2.72	0.50
L0003292	0	0.11133E-04	475233.4 3755611.8	503.4	2.72	6.98
2.53 YES						
L0003293	0	0.11133E-04	475248.3 3755610.5	503.2	2.72	6.98
2.53 YES	_				<b>-</b> - ·	
L0003294	0	0.11133E-04	475263.3 3755609.3	503.1	2.72	6.98
2.53 YES						

L0003295 0 0.11133E-04 475278.2 3755608.0 503.0 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003296 2.53 YES	0	0.11133E-04	475293.2	3755606.8	502.9	2.72	6.98
L0003297	0	0.11133E-04	475308.2	3755606.2	502.9	2.72	6.98
2.53 YES L0003298	0	0.11133E-04	475323.1	3755606.4	502.8	2.72	6.98
2.53 YES L0003299	0	0.11133E-04	475338.1	3755606.7	502.8	2.72	6.98
2.53 YES L0003300	0	0.11133E-04	475353.1	3755606.9	502.8	2.72	6.98
2.53 YES L0003301	0	0.11133E-04	475368.1	3755607.1	502.8	2.72	6.98
2.53 YES L0003302	0	0.11133E-04	475383.1	3755607.4	502.9	2.72	6.98
2.53 YES L0003303	0	0.11133E-04	475398.1	3755607.6	502.9	2.72	6.98
2.53 YES L0003304	0	0.11133E-04	475413.1	3755607.8	503.0	2.72	6.98
2.53 YES L0003305	0	0.11133E-04	475428.1	3755608.1	503.1	2.72	6.98
2.53 YES L0003306	0	0.11133E-04	475443.1	3755608.3	503.2	2.72	6.98
2.53 YES L0003307	0	0.11133E-04	475458.1	3755608.6	503.3	2.72	6.98
2.53 YES L0003308	0	0.11133E-04	475473.1	3755608.8	503.5	2.72	6.98
2.53 YES L0003309 2.53 YES	0	0.11133E-04	475488.1	3755609.0	503.7	2.72	6.98

L0003310	0	0.11133E-04	475503.1 3755609.3	503.9	2.72	6.98
2.53 YES L0003311	0	0.11133E-04	475518.1 3755609.5	504.2	2.72	6.98
2.53 YES						
L0003312	0	0.11133E-04	475533.1 3755609.7	504.4	2.72	6.98
2.53 YES L0003313	0	0.11133E-04	475548.1 3755610.0	504.7	2.72	6.98
2.53 YES	_					
L0003314	0	0.11133E-04	475563.1 3755610.2	504.9	2.72	6.98
2.53 YES	0	0 111225 04	47FF70 1 37FF610 F	FOF 1	2 72	c 00
L0003315 2.53 YES	0	0.11133E-04	475578.1 3755610.5	505.1	2.72	6.98
L0003316	0	0.11133E-04	475593.1 3755610.7	505.4	2.72	6.98
2.53 YES	Ū	0.111331 0.	1,333311 3,330101,	303.	_,,_	0.50
L0003317	0	0.11133E-04	475608.1 3755610.9	505.6	2.72	6.98
2.53 YES						
L0003318	0	0.11133E-04	475623.1 3755611.2	505.9	2.72	6.98
2.53 YES						
L0003319	0	0.11133E-04	475638.1 3755611.4	506.1	2.72	6.98
2.53 YES	•	0 444335 04	475652 4 2755644 6	F06 4	2 72	
L0003320	0	0.11133E-04	475653.1 3755611.6	506.4	2.72	6.98
2.53 YES L0003321	0	0.11133E-04	475668.1 3755611.9	506.6	2.72	6.98
2.53 YES	Ø	0.111336-04	4/3006.1 3/33011.9	300.0	2.72	0.36
L0003322	0	0.11133E-04	475683.1 3755612.1	506.8	2.72	6.98
2.53 YES	J	0.111332 0.	175005.1 5755012.1	300.0	2.,2	0.30
L0003323	0	0.11133E-04	475698.1 3755612.3	506.9	2.72	6.98
2.53 YES						
L0003324	0	0.11133E-04	475713.1 3755612.6	507.1	2.72	6.98
2.53 YES						
L0003325	0	0.11133E-04	475728.1 3755612.8	507.3	2.72	6.98
2.53 YES		0 444005 04				
L0003326	0	0.11133E-04	475743.1 3755613.1	507.4	2.72	6.98
2.53 YES	0	0 11122E 04	475758.1 3755613.3	507.5	2.72	6.98
L0003327 2.53 YES	Ø	0.111336-04	4/3/36.1 3/33013.3	207.2	2.72	0.36
L0003328	0	0.11133F-04	475773.1 3755613.5	507.6	2.72	6.98
2.53 YES	Ū	0,111331 0.	1,3,,3,12 3,3302313	307.0		0.50
L0003329	0	0.11133E-04	475788.1 3755613.8	507.4	2.72	6.98
2.53 YES						
L0003330	0	0.11133E-04	475803.1 3755614.0	507.1	2.72	6.98
2.53 YES						
L0003331	0	0.11133E-04	475818.1 3755614.2	505.0	2.72	6.98
2.53 YES	•	0 444335 04	475022 4 2755644 5	F00 0	2 72	
L0003332	0	0.11133E-04	475833.1 3755614.5	502.8	2.72	6.98
2.53 YES L0003333	0	Q 11122E Q4	475848.1 3755614.7	E02 0	2.72	6.98
2.53 YES	Ø	0.11133E-04	4/J040.1 3/33014./	503.9	2.12	0.98
L0003334	0	0.11133F-04	475863.1 3755615.0	505.2	2.72	6.98
2.53 YES	•	J J J L O T	.,		_ <b>,,,</b>	3.50

L0003335 0 0.11133E-04 475878.1 3755615.2 506.9 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE			<b></b>	<b></b>		4	4
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		ВҮ					
L0003336	0	0.11133E-04	475893.1	3755615.4	507.4	2.72	6.98
2.53 YES							
L0003337	0	0.11133E-04	475908.1	3755615.7	507.3	2.72	6.98
2.53 YES							
L0003338	0	0.11133E-04	475923.1	3755615.9	507.2	2.72	6.98
2.53 YES	0	0 111225 04	475020 1	2755616 1	F07 1	2 72	6.00
L0003339 2.53 YES	0	0.11133E-04	4/5938.1	3/55616.1	507.1	2.72	6.98
L0003340	0	0.11133E-04	<i>4</i> 75953 1	3755616 4	506.9	2.72	6.98
2.53 YES	U	0.111336-04	473333.1	3733010.4	300.5	2.72	0.56
L0003341	0	0.11133E-04	475968.1	3755616.6	506.7	2.72	6.98
2.53 YES	•		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,220=010	50007		
L0003342	0	0.11133E-04	475983.1	3755616.9	506.4	2.72	6.98
2.53 YES							
L0003343	0	0.11133E-04	475998.1	3755617.1	506.2	2.72	6.98
2.53 YES							
L0003344	0	0.11133E-04	476013.1	3755617.3	505.9	2.72	6.98
2.53 YES	0	0 111225 04	476020 1	2755617 6	FOF 6	2 72	6.00
L0003345 2.53 YES	0	0.11133E-04	4/6028.1	3/5561/.6	505.6	2.72	6.98
L0003346	0	0.11133E-04	176013 1	3755617 8	505.4	2.72	6.98
2.53 YES	U	0.111336-04	470043.1	3/3301/.0	707.4	2.72	0.56
L0003347	0	0.11133E-04	476058.1	3755618.0	505.1	2.72	6.98
2.53 YES							
L0003348	0	0.11133E-04	476073.1	3755618.3	504.8	2.72	6.98
2.53 YES							
L0003349	0	0.11133E-04	476088.1	3755618.5	504.5	2.72	6.98
2.53 YES							

L0003350	0	0.11133E-04	476103.1 3755618.7	504.3	2.72	6.98
2.53 YES L0003351	0	0.11133E-04	476118.1 3755619.0	504.0	2.72	6.98
2.53 YES						
L0003352	0	0.11133E-04	476133.0 3755619.2	503.7	2.72	6.98
2.53 YES L0003353	0	0.11133E-04	476148.0 3755619.5	503.4	2.72	6.98
2.53 YES	O	0.111331 04	+701+0.0 3733013.3	J0J.+	2.72	0.50
L0003354	0	0.11133E-04	476163.0 3755619.7	503.1	2.72	6.98
2.53 YES	0	0 111225 01	476470 0 2755640 0	F02 0	2 72	6.00
L0003355 2.53 YES	0	0.11133E-04	476178.0 3755619.9	502.9	2.72	6.98
L0003356	0	0.11133E-04	476193.0 3755620.2	502.6	2.72	6.98
2.53 YES	_					
L0003357	0	0.11133E-04	476208.0 3755620.4	502.4	2.72	6.98
2.53 YES						
L0003358	0	0.11133E-04	476223.0 3755620.6	502.2	2.72	6.98
2.53 YES L0003359	0	0.11133E-04	476238.0 3755620.9	502.1	2.72	6.98
2.53 YES	Ø	0.111336-04	4/0230.0 3/33020.9	302.1	2.72	0.90
L0003360	0	0.11133E-04	476253.0 3755621.1	502.0	2.72	6.98
2.53 YES						
L0003361	0	0.11133E-04	476268.0 3755621.4	501.9	2.72	6.98
2.53 YES						
L0003362	0	0.11133E-04	476283.0 3755621.6	501.9	2.72	6.98
2.53 YES L0003363	0	0.11133E-04	476298.0 3755621.8	501.8	2.72	6.98
2.53 YES	Ø	0.111336-04	4/0290.0 3/33021.0	201.0	2.72	0.90
L0003364	0	0.11133E-04	476313.0 3755622.1	501.9	2.72	6.98
2.53 YES						
L0003365	0	0.11133E-04	476328.0 3755622.3	501.9	2.72	6.98
2.53 YES						
L0003366	0	0.11133E-04	476343.0 3755622.5	502.0	2.72	6.98
2.53 YES L0003367	0	0 11133F_0/	476358.0 3755622.8	502.0	2.72	6.98
2.53 YES	O	0.111336 04	470330.0 3733022.0	302.0	2.72	0.50
L0003368	0	0.11133E-04	476373.0 3755623.0	502.1	2.72	6.98
2.53 YES						
L0003369	0	0.11133E-04	476388.0 3755623.3	502.1	2.72	6.98
2.53 YES	0	0 111225 04	476402 0 2755622 5	F02 1	2 72	6.00
L0003370 2.53 YES	0	0.11133E-04	476403.0 3755623.5	502.1	2.72	6.98
L0003371	0	0.11133F-04	476418.0 3755623.7	502.1	2.72	6.98
2.53 YES	Ü	0.111331 0.	170110.0 3733023.7	302.1	2.72	0.30
L0003372	0	0.11133E-04	476433.0 3755624.0	502.1	2.72	6.98
2.53 YES						
L0003373	0	0.11133E-04	476448.0 3755624.2	502.1	2.72	6.98
2.53 YES	^	0 111335 01	476462 0 2755624 4	F02 4	2 72	6.00
L0003374 2.53 YES	0	0.11133E-04	476463.0 3755624.4	502.1	2.72	6.98
2.33 163						

L0003375 0 0.11133E-04 476478.0 3755624.7 502.2 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	ВУ	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003376 2.53 YES	0	0.11133E-04	476493.0	3755624.9	502.2	2.72	6.98
L0003377	0	0.11133E-04	476508.0	3755625.1	502.2	2.72	6.98
2.53 YES							
L0003378	0	0.11133E-04	476523.0	3755625.4	502.3	2.72	6.98
2.53 YES							
L0003379	0	0.11133E-04	476514.3	3755644.4	502.5	2.72	6.98
2.53 YES L0003380	0	0.11133E-04	4764QQ 2	3755644.1	502.4	2.72	6.98
2.53 YES	Ø	0.111336-04	470433.3	3/33044.1	302.4	2.72	0.96
L0003381	0	0.11133E-04	476484.3	3755643.8	502.4	2.72	6.98
2.53 YES					50-7.		3123
L0003382	0	0.11133E-04	476469.3	3755643.5	502.4	2.72	6.98
2.53 YES							
L0003383	0	0.11133E-04	476454.3	3755643.2	502.3	2.72	6.98
2.53 YES	•	0 444335 04	476430 3	2755642 0	F00 3	2 72	c 00
L0003384 2.53 YES	0	0.11133E-04	4/6439.3	3755642.9	502.3	2.72	6.98
L0003385	0	0.11133E-04	476424 3	3755642.6	502.3	2.72	6.98
2.53 YES	O	0.111332 04	770727.3	3733042.0	302.3	2.72	0.50
L0003386	0	0.11133E-04	476409.3	3755642.3	502.4	2.72	6.98
2.53 YES							
L0003387	0	0.11133E-04	476394.3	3755642.1	502.4	2.72	6.98
2.53 YES							
L0003388	0	0.11133E-04	476379.3	3755641.8	502.4	2.72	6.98
2.53 YES	^	0 111225 04	476264 2	2755644 5	F02 4	2 72	6.00
L0003389 2.53 YES	0	0.11133E-04	4/6364.3	3/35641.5	502.4	2.72	6.98
2.33 YES							

L0003390	0	0.11133E-04	476349.3 3755641.2	502.4	2.72	6.98
2.53 YES L0003391	0	0.11133E-04	476334.3 3755640.9	502.2	2.72	6.98
2.53 YES			.,	33212		0,120
L0003392	0	0.11133E-04	476319.3 3755640.6	502.1	2.72	6.98
2.53 YES L0003393	0	0.11133E-04	476304.3 3755640.3	502.0	2.72	6.98
2.53 YES	Ø	0.111336-04	4/0304.3 3/33040.3	302.0	2.72	0.90
L0003394	0	0.11133E-04	476289.3 3755640.0	502.0	2.72	6.98
2.53 YES						
L0003395	0	0.11133E-04	476274.3 3755639.7	502.0	2.72	6.98
2.53 YES L0003396	0	0.11133E-04	476259.3 3755639.4	502.1	2.72	6.98
2.53 YES	Ū	0.111331 04	470233.3 3733033.4	302.1	2.72	0.50
L0003397	0	0.11133E-04	476244.3 3755639.1	502.1	2.72	6.98
2.53 YES						
L0003398	0	0.11133E-04	476229.3 3755638.8	502.2	2.72	6.98
2.53 YES	0	0 111225 04	476344 3 3755630 5	F02 4	2 72	6 00
L0003399 2.53 YES	0	0.11133E-04	476214.3 3755638.5	502.4	2.72	6.98
L0003400	0	0.11133E-04	476199.3 3755638.3	502.5	2.72	6.98
2.53 YES	Ū	0.111331 0.	1,013313 3,3303013	302.3	_,,_	0.50
L0003401	0	0.11133E-04	476184.3 3755638.0	502.7	2.72	6.98
2.53 YES						
L0003402	0	0.11133E-04	476169.4 3755637.7	502.9	2.72	6.98
2.53 YES L0003403	0	0.11133E-04	476154.4 3755637.4	503.2	2.72	6.98
2.53 YES	V	0.111336-04	4/0134.4 3/3303/.4	303.2	2.72	0.36
L0003404	0	0.11133E-04	476139.4 3755637.1	503.4	2.72	6.98
2.53 YES						
L0003405	0	0.11133E-04	476124.4 3755636.8	503.7	2.72	6.98
2.53 YES	•	0 444335 04	476400 4 2755626 5	504.0	2 72	
L0003406 2.53 YES	0	0.11133E-04	476109.4 3755636.5	504.0	2.72	6.98
L0003407	0	0.11133E-04	476094.4 3755636.2	504.2	2.72	6.98
2.53 YES			.,	55.11		
L0003408	0	0.11133E-04	476079.4 3755635.9	504.5	2.72	6.98
2.53 YES						
L0003409	0	0.11133E-04	476064.4 3755635.6	504.8	2.72	6.98
2.53 YES L0003410	0	0 11133F-04	476049.4 3755635.3	505.2	2.72	6.98
2.53 YES	O	0.111336-04	470045.4 5755555.5	303.2	2.72	0.50
L0003411	0	0.11133E-04	476034.4 3755635.0	505.5	2.72	6.98
2.53 YES						
L0003412	0	0.11133E-04	476019.4 3755634.8	505.8	2.72	6.98
2.53 YES	0	0 444335 04	476004 4 2755624 5	506.4	2 72	
L0003413 2.53 YES	0	0.11133E-04	476004.4 3755634.5	506.1	2.72	6.98
L0003414	0	0.11133E-04	475989.4 3755634.2	506.4	2.72	6.98
2.53 YES	•				·· <b>-</b>	2.20

L0003415 0 0.11133E-04 475974.4 3755633.9 506.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TAITT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE	PART.	ON RATE (GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0003416	0	0.11133E-04	475959.4	3755633.6	506.9	2.72	6.98
2.53 YES L0003417	0	0.11133E-04	475044 4	2755622 2	506.9	2.72	6.98
2.53 YES	Ø	0.111336-04	4/3944.4	3/33033.3	300.9	2.72	0.96
L0003418	0	0.11133E-04	175929 1	3755633 0	506.9	2.72	6.98
2.53 YES	U	0.111336 04	<del>4</del> /3223.4	3733033.0	300.5	2.72	0.50
L0003419	0	0.11133E-04	475914.4	3755632.7	506.7	2.72	6.98
2.53 YES	Ū	0,111331 0.	1,332.0.	3,330321,	30017	_,,_	0.50
L0003420	0	0.11133E-04	475899.4	3755632.4	506.7	2.72	6.98
2.53 YES							
L0003421	0	0.11133E-04	475884.4	3755632.1	506.6	2.72	6.98
2.53 YES							
L0003422	0	0.11133E-04	475869.4	3755631.8	505.2	2.72	6.98
2.53 YES							
L0003423	0	0.11133E-04	475854.4	3755631.5	503.9	2.72	6.98
2.53 YES							
L0003424	0	0.11133E-04	475839.4	3755631.2	503.0	2.72	6.98
2.53 YES							
L0003425	0	0.11133E-04	475824.4	3755631.0	503.5	2.72	6.98
2.53 YES	_						
L0003426	0	0.11133E-04	475809.4	3755630.7	505.3	2.72	6.98
2.53 YES	•	0 444335 04	475704 4	2755620 4	505.0	2 72	c 00
L0003427	0	0.11133E-04	4/5/94.4	3755630.4	505.9	2.72	6.98
2.53 YES	0	0 111225 04	475770 4	2755620 1	F0C 1	2 72	6.00
L0003428	0	0.11133E-04	4/5//9.4	3/55630.1	506.1	2.72	6.98
2.53 YES L0003429	0	0.11133E-04	175761 A	3755629.8	506.1	2.72	6.98
2.53 YES	v	0.111336-04	4/3/04.4	2/220623.0	דיספר ד	۷./۷	0.30
2.53 YES							

L0003430	0	0.11133E-04	475749.4 3755629.5	506.0	2.72	6.98
2.53 YES	•	0 444335 04	475724 4 2755622 2	506.0	2 72	
L0003431 2.53 YES	0	0.11133E-04	475734.4 3755629.2	506.0	2.72	6.98
L0003432 2.53 YES	0	0.11133E-04	475719.4 3755628.9	505.9	2.72	6.98
L0003433 2.53 YES	0	0.11133E-04	475704.4 3755628.6	505.9	2.72	6.98
L0003434 2.53 YES	0	0.11133E-04	475689.4 3755628.3	505.9	2.72	6.98
L0003435 2.53 YES	0	0.11133E-04	475674.4 3755628.0	505.8	2.72	6.98
L0003436 2.53 YES	0	0.11133E-04	475659.5 3755627.7	505.9	2.72	6.98
L0003437 2.53 YES	0	0.11133E-04	475644.5 3755627.4	505.8	2.72	6.98
L0003438 2.53 YES	0	0.11133E-04	475629.5 3755627.2	505.8	2.72	6.98
L0003439 2.53 YES	0	0.11133E-04	475614.5 3755626.9	505.6	2.72	6.98
L0003440 2.53 YES	0	0.11133E-04	475599.5 3755626.6	505.5	2.72	6.98
L0003441 2.53 YES	0	0.11133E-04	475584.5 3755626.3	505.3	2.72	6.98
L0003442 2.53 YES	0	0.11133E-04	475569.5 3755626.0	505.1	2.72	6.98
L0003443 2.53 YES	0	0.11133E-04	475554.5 3755625.7	504.9	2.72	6.98
L0003444	0	0.11133E-04	475539.5 3755625.4	504.7	2.72	6.98
2.53 YES L0003445 2.53 YES	0	0.11133E-04	475524.5 3755625.1	504.4	2.72	6.98
L0003446	0	0.11133E-04	475509.5 3755624.8	504.2	2.72	6.98
2.53 YES L0003447 2.53 YES	0	0.11133E-04	475494.5 3755624.5	504.0	2.72	6.98
L0003448 2.53 YES	0	0.11133E-04	475479.5 3755624.2	503.9	2.72	6.98
L0003449 2.53 YES	0	0.11133E-04	475464.5 3755623.9	503.8	2.72	6.98
L0003450 2.53 YES	0	0.11133E-04	475449.5 3755623.6	503.7	2.72	6.98
L0003451 2.53 YES	0	0.11133E-04	475434.5 3755623.4	503.6	2.72	6.98
L0003452	0	0.11133E-04	475419.5 3755623.1	503.6	2.72	6.98
2.53 YES L0003453	0	0.11133E-04	475404.5 3755622.8	503.5	2.72	6.98
2.53 YES L0003454 2.53 YES	0	0.11133E-04	475389.5 3755623.4	503.6	2.72	6.98

L0003455 0 0.11133E-04 475374.5 3755624.0 503.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003456 2.53 YES	0	0.11133E-04	475359.5	3755624.6	503.6	2.72	6.98
L0003457	0	0.11133E-04	475344.5	3755625.2	503.7	2.72	6.98
2.53 YES							
L0003458	0	0.11133E-04	475329.6	3755625.7	503.8	2.72	6.98
2.53 YES L0003459	0	0.11133E-04	175211 6	3755626.3	503.8	2.72	6.98
2.53 YES	U	0.11133L-04	4/3314.0	3733020.3	0.00	2.72	0.98
L0003460	0	0.11133E-04	475299.6	3755626.9	503.9	2.72	6.98
2.53 YES	_						
L0003461 2.53 YES	0	0.11133E-04	475284.6	3755627.5	503.9	2.72	6.98
L0003462	0	0.11133E-04	475269.7	3755628.9	504.0	2.72	6.98
2.53 YES	Ü	0.111332 0.	17320317	37 330 <b>20 (</b> 3	301.0	2.,2	0.30
L0003463	0	0.11133E-04	475254.7	3755630.5	504.1	2.72	6.98
2.53 YES	_						
L0003464 2.53 YES	0	0.11133E-04	475239.8	3755632.0	504.1	2.72	6.98
L0003465	0	0.11133E-04	475224.9	3755633.6	504.2	2.72	6.98
2.53 YES	Ū	0.111331 0.	., 322	3,33033.0	30	_,	0.50
L0003466	0	0.11133E-04	475210.0	3755635.2	504.2	2.72	6.98
2.53 YES			4==40= 4	.===			
L0003467 2.53 YES	0	0.11133E-04	475195.1	3755636.8	504.3	2.72	6.98
L0003468	0	0.11133E-04	475180 2	3755638 4	504.4	2.72	6.98
2.53 YES	J	0.111551 04	47 J100 · L	37 33030 <b>.</b> 4	304.4	2.72	0.50
L0003469	0	0.11133E-04	475165.3	3755640.0	504.4	2.72	6.98
2.53 YES							

L0003470	0	0.11133E-04	475150.3 3755641.6	504.5	2.72	6.98
2.53 YES L0003471	0	0.11133E-04	475135.7 3755644.7	504.6	2.72	6.98
2.53 YES	ð	0.111331-04	4/3133.7 3/33044.7	304.0	2.72	0.98
L0003472	0	0.11133E-04	475121.0 3755647.8	504.7	2.72	6.98
2.53 YES						
L0003473	0	0.11133E-04	475106.3 3755650.9	504.9	2.72	6.98
2.53 YES						
L0003474	0	0.11133E-04	475091.6 3755654.0	505.0	2.72	6.98
2.53 YES	0	0 111225 04	475076 0 2755657 1	FOF 3	2 72	c 00
L0003475 2.53 YES	0	0.11133E-04	475076.9 3755657.1	505.2	2.72	6.98
L0003476	0	0.11133E-04	475062.3 3755660.2	505.3	2.72	6.98
2.53 YES	Ü	0.111332 04	+75002.5 5755000.2	303.3	2.72	0.50
L0003477	0	0.11133E-04	475047.6 3755663.3	505.3	2.72	6.98
2.53 YES						
L0003478	0	0.11133E-04	475032.9 3755666.3	505.4	2.72	6.98
2.53 YES						
L0003479	0	0.11133E-04	475018.2 3755669.4	505.5	2.72	6.98
2.53 YES		0.444005.04	4======================================			
L0003480	0	0.11133E-04	475003.6 3755672.5	505.5	2.72	6.98
2.53 YES L0003481	0	0.11133E-04	474988.9 3755675.6	505.6	2.72	6.98
2.53 YES	V	0.111336-04	4/4500.5 5/550/5.0	0.00	2.72	0.36
L0003482	0	0.11133E-04	474974.2 3755678.7	505.7	2.72	6.98
2.53 YES			., 5, 5, 5, 6, 7, 7, 7			
L0003483	0	0.11133E-04	474959.5 3755681.8	505.8	2.72	6.98
2.53 YES						
L0003484	0	0.11133E-04	474944.9 3755684.9	505.9	2.72	6.98
2.53 YES		0.444005.04	474000 0 0777400 0			
L0003485	0	0.11133E-04	474930.2 3755688.0	506.1	2.72	6.98
2.53 YES L0003486	0	0.11133E-04	474915.5 3755691.1	506.2	2.72	6.98
2.53 YES	ð	0.111336-04	4/4913.3 3/33091.1	300.2	2.72	0.98
L0003487	0	0.11133E-04	474900.8 3755694.2	506.2	2.72	6.98
2.53 YES						
L0003488	0	0.11133E-04	474886.1 3755697.3	506.2	2.72	6.98
2.53 YES						
L0003489	0	0.11133E-04	474871.5 3755700.4	506.2	2.72	6.98
2.53 YES	•	0 444335 04	474056 0 2755702 5	F06.4	2 72	
L0003490	0	0.11133E-04	474856.8 3755703.5	506.1	2.72	6.98
2.53 YES L0003491	0	0 11133E_0/	474842.1 3755706.6	506.0	2.72	6.98
2.53 YES	Ū	0.111336-04	474042.1 3733700.0	300.0	2.72	0.50
L0003492	0	0.11133E-04	474827.4 3755709.7	506.0	2.72	6.98
2.53 YES						
L0003493	0	0.11133E-04	474812.8 3755712.8	506.0	2.72	6.98
2.53 YES						
L0003494	0	0.11133E-04	474798.1 3755715.9	506.1	2.72	6.98
2.53 YES						

L0003495 0 0.11133E-04 474783.4 3755719.0 506.1 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003496	0	0.11133E-04	474768.7	3755722.1	506.2	2.72	6.98
2.53 YES							
L0003497	0	0.11133E-04	474754.1	3755725.2	506.3	2.72	6.98
2.53 YES	0	0 111225 04	474720 4	2755720 2	F06 F	2 72	6.00
L0003498 2.53 YES	0	0.11133E-04	4/4/39.4	3755728.3	506.5	2.72	6.98
L0003499	0	0.11133E-04	474724.7	3755731.4	506.5	2.72	6.98
2.53 YES	Ū	01111331 0.	., .,,	3,33,32.	300.3		0.50
L0003500	0	0.11133E-04	474710.0	3755734.5	506.4	2.72	6.98
2.53 YES							
L0003501	0	0.11133E-04	474695.4	3755737.6	506.2	2.72	6.98
2.53 YES					=04.4		4 00
L0003502	0	0.11133E-04	4/4680./	3755740.7	506.1	2.72	6.98
2.53 YES L0003503	0	0.11133E-04	171666 0	3755743.8	506.0	2.72	6.98
2.53 YES	U	0.11133L-04	474000.0	2/22/42.0	300.0	2.72	0.98
L0003504	0	0.11133E-04	474651.3	3755746.9	505.8	2.72	6.98
2.53 YES							
L0003505	0	0.11133E-04	474636.6	3755750.0	505.3	2.72	6.98
2.53 YES							
L0003506	0	0.11133E-04	474622.0	3755753.1	504.7	2.72	6.98
2.53 YES	0	0.11133E-04	474607 2	3755756.2	504.4	2.72	6.98
L0003507 2.53 YES	О	0.11133E-04	4/460/.3	3/35/30.2	504.4	2.72	6.98
L0003508	0	0.11133E-04	474592.6	3755759.3	504.3	2.72	6.98
2.53 YES	Ū	3.11133L 0 <del>-</del>	., 1552.0	J. JJ. JJ. • J	501.5	2,,2	0.50
L0003509	0	0.11133E-04	474577.9	3755762.4	504.4	2.72	6.98
2.53 YES							

L0003510	0	0.11133E-04	474563.3 3755765.5	504.3	2.72	6.98
2.53 YES L0003511	0	0.11133E-04	474548.6 3755768.6	504.1	2.72	6.98
2.53 YES						
L0003512	0	0.11133E-04	474533.9 3755771.6	504.3	2.72	6.98
2.53 YES L0003513	0	0.11133E-04	474519.2 3755774.7	504.3	2.72	6.98
2.53 YES	Ü	0.111331 04	4/4313.2 3/33//4./	304.3	2.72	0.50
L0003514	0	0.11133E-04	474504.6 3755777.8	504.3	2.72	6.98
2.53 YES	0	0 111335 01	474400 0 2755700 0	504.3	2 72	6 00
L0003515 2.53 YES	0	0.11133E-04	474489.9 3755780.9	504.2	2.72	6.98
L0003516	0	0.11133E-04	474475.2 3755784.0	504.0	2.72	6.98
2.53 YES	-					
L0003517	0	0.11133E-04	474460.5 3755787.1	503.8	2.72	6.98
2.53 YES						
L0003518	0	0.11133E-04	474445.8 3755790.2	503.5	2.72	6.98
2.53 YES L0003519	0	0.11133E-04	474431.2 3755793.3	503.4	2.72	6.98
2.53 YES	Ø	0.111336-04	4/4431.2 3/33/33.3	303.4	2.72	0.90
L0003520	0	0.11133E-04	474416.5 3755796.4	503.4	2.72	6.98
2.53 YES						
L0003521	0	0.11133E-04	474401.8 3755799.5	503.3	2.72	6.98
2.53 YES						
L0003522	0	0.11133E-04	474387.1 3755802.6	503.3	2.72	6.98
2.53 YES L0003523	0	0.11133E-04	474372.5 3755805.7	503.2	2.72	6.98
2.53 YES	O	0.111336-04	474372.3 3733003.7	303.2	2.72	0.50
L0003524	0	0.11133E-04	474357.8 3755808.8	503.1	2.72	6.98
2.53 YES						
L0003525	0	0.11133E-04	474343.1 3755811.9	503.1	2.72	6.98
2.53 YES		0 111225 01	474222 4 2777247 2			
L0003526 2.53 YES	0	0.11133E-04	474328.4 3755815.0	502.9	2.72	6.98
L0003527	0	0.11133F-04	474313.8 3755818.1	502.8	2.72	6.98
2.53 YES	Ū	0.111331 01	17 1313.0 37 33010.1	302.0	2.,2	0.30
L0003528	0	0.11133E-04	474299.1 3755821.2	502.5	2.72	6.98
2.53 YES						
L0003529	0	0.11133E-04	474284.4 3755824.3	502.4	2.72	6.98
2.53 YES L0003530	0	Q 11122F Q4	474260 7 2755927 4	FQ2 2	2 72	6.98
2.53 YES	0	0.11133E-04	474269.7 3755827.4	502.3	2.72	0.98
L0003531	0	0.11133E-04	474255.0 3755830.5	501.1	2.72	6.98
2.53 YES						
L0003532	0	0.11133E-04	474240.4 3755833.6	499.5	2.72	6.98
2.53 YES						
L0003533	0	0.11133E-04	474225.7 3755836.7	498.9	2.72	6.98
2.53 YES	G	Q 11122F Q4	474211 A 2755020 O	400.2	2 72	6 00
L0003534 2.53 YES	0	v.11133E-04	474211.0 3755839.8	499.2	2.72	6.98
2.JJ ILJ						

L0003535 0 0.11133E-04 474196.3 3755842.8 501.5 2.72 6.98

2.53 YES

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\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003536 2.53 YES	0	0.11133E-04	474181.6	3755845.9	502.6	2.72	6.98
L0003537 2.53 YES	0	0.11133E-04	474167.0	3755848.9	502.8	2.72	6.98
L0003538 2.53 YES	0	0.11133E-04	474152.3	3755852.0	502.7	2.72	6.98
L0003539 2.53 YES	0	0.11133E-04	474137.6	3755855.0	502.6	2.72	6.98
L0003540 2.53 YES	0	0.11133E-04	474122.9	3755858.1	502.5	2.72	6.98
L0003541 2.53 YES	0	0.11133E-04	474108.2	3755861.1	502.4	2.72	6.98
L0003542 2.53 YES	0	0.11133E-04	474093.5	3755864.2	502.4	2.72	6.98
L0003543 2.53 YES	0	0.11133E-04	474078.8	3755867.2	502.4	2.72	6.98
L0003544 2.53 YES	0	0.11133E-04	474064.2	3755870.3	502.4	2.72	6.98
L0003545 2.53 YES	0	0.11133E-04	474049.5	3755873.4	502.2	2.72	6.98
L0003546 2.53 YES	0	0.11133E-04	474034.8	3755876.4	502.1	2.72	6.98
L0003547 2.53 YES	0	0.11133E-04	474020.1	3755879.5	501.8	2.72	6.98
L0003548 2.53 YES	0	0.11133E-04	474005.4	3755882.5	501.4	2.72	6.98
L0003549 2.53 YES	0	0.11133E-04	473990.7	3755885.6	501.1	2.72	6.98

L0003550	0	0.11133E-04	473976.0 3755888.6	500.7	2.72	6.98
2.53 YES	•	0 444335 04	472064 4 2755004 7	F00 3	2 72	
L0003551	0	0.11133E-04	473961.4 3755891.7	500.3	2.72	6.98
2.53 YES	0	0 444335 04	472046 7 2755004 7	F00 0	2 72	6 00
L0003552	0	0.11133E-04	473946.7 3755894.7	500.0	2.72	6.98
2.53 YES	0	0 111225 04	472022 0 2755007 0	400.7	2 72	c 00
L0003553	0	0.11133E-04	473932.0 3755897.8	499.7	2.72	6.98
2.53 YES	0	0.11133E-04	472017 2 2755000 8	499.3	2 72	c 00
L0003554 2.53 YES	0	0.11133E-04	473917.3 3755900.8	499.3	2.72	6.98
L0003555	0	0.11133E-04	473902.6 3755903.9	499.0	2.72	6.98
2.53 YES	Ø	0.111336-04	4/3902.0 3/33903.9	499.0	2.72	0.90
L0003556	0	0.11133E-04	472887 0 2755086 0	409 6	2.72	6.98
	0	0.11133E-04	473887.9 3755906.9	498.6	2.72	0.98
2.53 YES	0	0 111225 04	472072 2 2755010 0	400.3	2 72	c 00
L0003557	0	0.11133E-04	473873.2 3755910.0	498.2	2.72	6.98
2.53 YES	0	0 111225 04	4720F0 F 27FF012 O	407.0	2 72	c 00
L0003558	0	0.11133E-04	473858.5 3755913.0	497.8	2.72	6.98
2.53 YES	0	0 444335 04	472042 0 2755046 4	407.5	2 72	6 00
L0003559	0	0.11133E-04	473843.9 3755916.1	497.5	2.72	6.98
2.53 YES	•	0 444335 04	472020 2 2755040 4	407.4	2 72	
L0003560	0	0.11133E-04	473829.2 3755919.1	497.1	2.72	6.98
2.53 YES	_	0.444005.04		404 =		
L0003561	0	0.11133E-04	473814.5 3755922.2	496.7	2.72	6.98
2.53 YES						
L0003562	0	0.11133E-04	473799.8 3755925.2	496.3	2.72	6.98
2.53 YES						
L0003563	0	0.11133E-04	473785.1 3755928.3	495.8	2.72	6.98
2.53 YES						
L0003564	0	0.11133E-04	473770.4 3755931.3	495.3	2.72	6.98
2.53 YES						
L0003565	0	0.11133E-04	473755.7 3755934.4	494.9	2.72	6.98
2.53 YES						
L0003566	0	0.11133E-04	473741.1 3755937.5	494.5	2.72	6.98
2.53 YES						
L0003567	0	0.11133E-04	473726.4 3755940.5	494.1	2.72	6.98
2.53 YES						
L0003568	0	0.11133E-04	473711.7 3755943.6	493.5	2.72	6.98
2.53 YES	_					
L0003569	0	0.11133E-04	473697.0 3755946.6	493.0	2.72	6.98
2.53 YES						
L0003570	0	0.11133E-04	473682.3 3755949.7	492.5	2.72	6.98
2.53 YES						
L0003571	0	0.11133E-04	473667.6 3755952.7	491.9	2.72	6.98
2.53 YES						
L0003572	0	0.11133E-04	473652.9 3755955.8	491.3	2.72	6.98
2.53 YES						
L0003573	0	0.11133E-04	473638.3 3755958.8	490.9	2.72	6.98
2.53 YES						
L0003574	0	0.11133E-04	473623.6 3755961.9	490.5	2.72	6.98
2.53 YES						

L0003575 0 0.11133E-04 473608.9 3755964.9 489.6 2.72 6.98 2.53 YES ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:36:47 PAGE 12 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* VOLUME SOURCE DATA \*\*\* NUMBER EMISSION RATE BASE RELEASE INIT. INIT. URBAN EMISSION RATE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY SOURCE SOURCE SCALAR VARY SZ CATS. (METERS) (METERS) (METERS) (METERS) ID (METERS) BY 0.11133E-04 473594.2 3755968.0 L0003576 488.6 2.72 6.98 2.53 YES L0003577 0.11133E-04 473579.5 3755971.0 487.9 2.72 6.98 0 2.53 YES L0003578 0.11133E-04 473564.8 3755974.1 487.2 2.72 6.98 2.53 YES L0003579 0.11133E-04 473550.1 3755977.1 486.8 2.72 6.98 2.53 YES 0.11133E-04 473535.5 3755980.2 L0003580 0 486.3 2.72 6.98 2.53 YES L0003581 0.11133E-04 473520.8 3755983.2 485.9 2.72 6.98 0 2.53 YES ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM \*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:36:47 PAGE 13 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\* SRCGROUP ID SOURCE IDS \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_\_\_\_\_\_

L0003176 , L0003177 , L0003178 , L0003179 , L0003180

ALL

L0003181	, L0003182	, L0003183	y			
L0003189	L0003184 , L0003190	, L0003185 , L0003191	, L0003186	, L0003187	, L0003188	y
L0003197	L0003192 , L0003198	, L0003193 , L0003199	, L0003194 ,	, L0003195	, L0003196	,
L0003205	L0003200 , L0003206	, L0003201 , L0003207	, L0003202 ,	, L0003203	, L0003204	,
L0003213	L0003208 , L0003214	, L0003209 , L0003215	, L0003210	, L0003211	, L0003212	,
L0003221	L0003216 , L0003222	, L0003217 , L0003223	, L0003218	, L0003219	, L0003220	,
L0003229	L0003224 , L0003230	, L0003225 , L0003231	, L0003226	, L0003227	, L0003228	,
L0003237	L0003232 , L0003238	, L0003233 , L0003239	, L0003234	, L0003235	, L0003236	,
L0003245	L0003240 , L0003246	, L0003241 , L0003247	, L0003242	, L0003243	, L0003244	,
L0003253	L0003248 , L0003254	, L0003249 , L0003255	, L0003250	, L0003251	, L0003252	,
L0003261	L0003256 , L0003262	, L0003257 , L0003263	, L0003258	, L0003259	, L0003260	,
L0003269	L0003264 , L0003270	, L0003265 , L0003271	, L0003266	, L0003267	, L0003268	y
L0003277	L0003272 , L0003278	, L0003273 , L0003279	, L0003274	, L0003275	, L0003276	,
L0003285	L0003280 , L0003286	, L0003281 , L0003287	, L0003282	, L0003283	, L0003284	,
L0003293	L0003288 , L0003294	, L0003289 , L0003295	, L0003290	, L0003291	, L0003292	,
L0003301	L0003296 , L0003302	, L0003297 , L0003303	, L0003298	, L0003299	, L0003300	y
L0003309	L0003304 , L0003310	, L0003305 , L0003311	, L0003306	, L0003307	, L0003308	y

L0003317	L0003312 , L0003318	, L000331 , L00033	•	3314 , L00	903315 ,	L0003316 ,
L0003325	L0003320 , L0003326	, L000332 , L00033	•	3322 , L00	903323 ,	L0003324 ,
L0003333 ♠ *** AERMOD		***	*** 2027 04/06/22	3330 , L00	703331 ,	L0003332 ,
*** AERMET	- VERSION	16216 *** ***	*** 15:36:47			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINING SOURCE GROUPS \*\*\*

SRCGROUP	ID 			SOURCE IDs			
L0003341	L0003336 , L0003342	, L0003337 , L0003343	, L0003338	, L0003339	, L0003340	,	
L0003349	L0003344 , L0003350	, L0003345 , L0003351	, L0003346	, L0003347	, L0003348	,	
L0003357	L0003352 , L0003358	, L0003353 , L0003359	, L0003354	, L0003355	, L0003356	,	
L0003365	L0003360 , L0003366	, L0003361 , L0003367	, L0003362	, L0003363	, L0003364	,	
L0003373	L0003368 , L0003374	, L0003369 , L0003375	, L0003370	, L0003371	, L0003372	y	
L0003381	L0003376 , L0003382	, L0003377 , L0003383	, L0003378	, L0003379	, L0003380	y	
L0003389	L0003384 , L0003390	, L0003385 , L0003391	, L0003386	, L0003387	, L0003388	,	
L0003397	L0003392 , L0003398	, L0003393 , L0003399	, L0003394	, L0003395	, L0003396	,	
L0003405	L0003400 , L0003406	, L0003401 , L0003407	, L0003402	, L0003403	, L0003404	,	

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★ *** AERMOD - VERSION 21112 ***
                                   *** 2027 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                                 15:36:47
                                 PAGE 15
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                        SOURCE IDS
                      , L0003497     , L0003498     , L0003499
            L0003496
                                                                 , L0003500
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, L0003503

L0003501

. L0003502

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★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                                ***
                                15:36:47
                                PAGE 16
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                       *** SOURCE IDS DEFINED AS URBAN SOURCES
 URBAN ID
            URBAN POP
                                                      SOURCE IDs
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L0003184

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L0003277	L0003272 , L0003278	, L0003273 , L0003279	, L0003274	, L0003275	, L0003276	,
L0003285	L0003280 , L0003286	, L0003281 , L0003287	, L0003282	, L0003283	, L0003284	,
L0003293	L0003288 , L0003294	, L0003289 , L0003295	, L0003290	, L0003291	, L0003292	y
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L0003309	L0003304 , L0003310	, L0003305 , L0003311	, L0003306	, L0003307	, L0003308	,
L0003317	L0003312 , L0003318	, L0003313 , L0003319	, L0003314	, L0003315	, L0003316	,

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L0003325 , L0003326 , L0003327 ,

L0003328 , L0003329 , L0003330 , L0003331 , L0003332 ,

L0003333 , L0003334 , L0003335 ,

*** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM

*** 04/06/22

*** AERMET - VERSION 16216 *** ***

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINED AS URBAN SOURCES

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URBAN ID	URBAN POP			SOURCE IDs	
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L0003365	L0003360 , L0003366	, L0003361 , L0003367	, L0003362	, L0003363 , L0003364	,
L0003373	L0003368 , L0003374	, L0003369 , L0003375	, L0003370	, L0003371 , L0003372	,
L0003381	L0003376 , L0003382	, L0003377 , L0003383	, L0003378	, L0003379 , L0003380	,
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★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                      ***
                                15:36:47
                                PAGE 18
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                        *** SOURCE IDS DEFINED AS URBAN SOURCES
***
  URBAN ID
            URBAN POP
                                                       SOURCE IDs
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                     , L0003577 , L0003578 , L0003579 , L0003580
L0003581
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                04/06/22
 *** AERMET - VERSION 16216 ***
                               15:36:47
                               PAGE 19
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0,
474796.0,
```

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

```
3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6,
♠ *** AERMOD - VERSION 21112  ***   *** 2027 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           15:36:47
                           PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04
                                               474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 497.50
                            497.60
                                     497.30
                                                497.10
                                                           497.00
 497.00
            497.00 496.60
 3755618.62 | 496.90
                                               497.00
                            497.10
                                    497.10
                                                           496.90
           497.10
                  495.90
 497.10
                 496.70
                            497.00 497.00 497.00
 3755603.62
                                                           497.00
           497.10 495.40
 497.20
                            496.90
 3755588.62 | 496.60
                                      496.90
                                                497.00
                                                            497.10
          497.10
                      495.10
 497.30
 3755573.62 496.40
                           496.70 496.80 497.00 497.10
 497.20
            496.90
                      494.70
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           15:36:47
                           PAGE 21
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
              474691.04 474706.04 474721.04 474736.04 474751.04
   (METERS)
474766.04 474781.04 474796.04
 3755633.62 789.90 789.90 789.90 789.90 789.90
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790 00 790 00 790 0	a			
789.90 789.90 789.90 3755618.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755603.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755588.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.90 3755573.62   789.90		789.90	789.90	789.90
789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***	*** 2027 OP 04/06/22 ***	ERATIONS - TR	UCK PM	
*** MODELOPTs: RegDFAULT CON	PAGE 22 C ELEV URBAN	ADJ_U*		
	*** GRI	DDED RECEPTOR	NETWORK SUMMA	ARY ***
***	*** NETWORK I	D: UCART2 ;	NETWORK TYPI	E: GRIDCART
	*** X	-COORDINATES (	OF GRID ***	
474790.5, 474805.5, 4748 474895.5,	20.5, 474835.	5, 474850.5,	474865.5,	474880.5,
	*** Y	-COORDINATES ( (METERS)	OF GRID ***	
3755561.1, 3755576.1, 37555 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 *** ***	*** 2027 OP 04/06/22		UCK PM	
*** MODELOPTs: RegDFAULT CON	PAGE 23 C ELEV URBAN	ADJ_U*		
***	*** NETWORK I	D: UCART2 ;	NETWORK TYPI	E: GRIDCART
		* ELEVATION I	HEIGHTS IN ME	TERS *
Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895.		482 <b>0.</b> 51 47	X-COORD (ME <sup>-</sup> 4835.51 474	

	496.10		493.70	493.20	493.20
3755591.07	493.60 495.90 492.70	494.00	493.30	492.90	492.90
3755576.07	495.60 495.10	493.50	493.00	492.60	492.70
3755561.07	495.20 495.10 492.10	493.10	492.70	492.40	492.50
*** AERMOD - VER	RSION 21112 *** ***	*** 2027 OP 04/06/22 ***	PERATIONS - TF	RUCK PM	
*** MODELOPTs:		PAGE 24 ELEV URBAN	ADJ_U*		
***		*** NETWORK I	D: UCART2 ;	NETWORK TYP	PE: GRIDCART
			* HILL HEIGH	IT SCALES IN M	METERS *
Y-COORD   (METERS)   474865.51 47488	474790.51 47 30.51 474895.5			X-COORD (ME 4835.51 47	
3755606.07   789.90 789	789.90 9.90 789.90	789.90	789.90	789.90	789.90
3755591.07	789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755576.07	789.90 0.90 789.90	789.90	789.90	789.90	789.90
3755561.07	789.90 9.90 789.90	789.90	789.90	789.90	789.90
*** AERMOD - VEF	***	*** 2027 OP 04/06/22 ***	PERATIONS - TF	RUCK PM	
	***	15:36:47			
*** MODELOPTs:	RegDFAULT CONC	PAGE 25 ELEV URBAN	ADJ_U*		
		*** GRI	DDED RECEPTOR	NETWORK SUMM	IARY ***
***		*** NETWORK I	D: UCART3 ;	NETWORK TYP	PE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*

474800.9, 474815.9,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755608.3, 3755623.3, \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:36:47 PAGE 26 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474800.90 474815.90 3755623.35 495.80 495.20 3755608.35 | 495.00 494.00 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:36:47 PAGE 27 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) | 474800.90 474815.90 

 3755623.35 |
 789.90
 789.90

 3755608.35 |
 789.90
 789.90

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM

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*** AERMET - VERSION 16216 *** ***
                               15:36:47
                               PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
                                      *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                      *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                               15:36:47
                               PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
               474820.81 474835.81
 3755622.54
                  495.00
                              494.80
 3755607.54
                   493.70
                              493.20
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                               15:36:47
                               PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
```

# \* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
(METERS)   474820.81	474835.81
3755622.54   789.90	789.90
3755607.54 789.90	789.90
	*** *** 2027 OPERATIONS - TRUCK PM
*** AERMET - VERSION 16216	04/06/22 *** ***
***	15:36:47
	PAGE 31
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** GRIDDED RECEPTOR NETWORK SUMMARY ***
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	
	*** X-COORDINATES OF GRID ***
	(METERS)
474838.9, 474853.9,	
	*** Y-COORDINATES OF GRID *** (METERS)
3755600.4, 3755615.4,	
↑ *** AERMOD - VERSION 21112	
*** *** AERMET - VERSION 16216	04/06/22 *** ***
***	15:36:47
	PAGE 32
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	
	* ELEVATION HEIGHTS IN METERS *
Y-COORD	X-COORD (METERS)
(METERS)   474838.93	474853.93

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3755615.41 | 493.60
3755600.41 | 493.10
                                493.60
                               493.10
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                                15:36:47
                                PAGE 33
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                *** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***
                                              * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                           X-COORD (METERS)
   (METERS) | 474838.93 474853.93
 3755615.41
                    789.90
                                 789.90
                                789.90
 3755600.41
                   789.90
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                15:36:47
                                PAGE 34
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
***
                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)
      474857.7, 474872.7,
                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)
     3755596.5, 3755611.5,
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
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                                15:36:47
                                PAGE 35
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RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
   (METERS)
                474857.73 474872.73
 3755611.53
                   493.30
                                493.50
 3755596.53
                   493.00
                              493.10
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               15:36:47
                               PAGE 36
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
             474857.73 474872.73
   (METERS)
 3755611.53
                   789.90
                               789.90
 3755596.53
                    789.90
                                789.90
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               15:36:47
                               PAGE 37
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                       *** X-COORDINATES OF GRID ***
```

(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755313.7, 3755333.7,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:36:47

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD |

#### \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

Y-COURD					X-COORD	(METERS)
(METERS)	47510	8.79 47!	5128.79 47	5148.79	475168.79	475188.79
47E200 70	475220 70	475240 70	175269 7	0		
3755333.70	l 49	3.70	492.80	492.30	492.40	492.80
			496.20			
			492.40		492.00	492.40
			494.40			
3755293.70	49	2.90	492.20	491.80	491.70	492.00
			493.40			
			492.10		491.50	491.70
			493.10			
			492.00		491.40	491.50
			493.20			
3755233.70	49	2.30	491.90	491.60	491.40	491.40
			493.30			
3755213.70	49	2.00	491.80	491.70	491.60	491.50
			493.40			
3755193.70	49	2.00	492.00	492.00	491.90	491.70
491.80	492.30	492.80	493.30			
3755173.70	49	2.10	492.10	492.10	492.00	491.70
491.90	492.30	492.70	493.10			
3755153.70	49	2.30	492.10	492.10	492.00	491.70
			492.90			
★ *** AERMOD	- VERSION 2	1112 ***	*** 2027 OP	ERATIONS -	TRUCK PM	

```
*** AERMET - VERSION 16216 *** ***
                            15:36:47
                            PAGE 39
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 475288.79
 3755333.70
                496.60
 3755313.70
                494.90
 3755293.70
                494.00
 3755273.70
                493.80
 3755253.70
                  493.90
 3755233.70
                 493.90
 3755213.70
                 493.90
 3755193.70
                 493.70
 3755173.70
                 493.50
 3755153.70
                  493.40
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:36:47
                            PAGE 40
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                    X-COORD (METERS)
   (METERS) | 475108.79 475128.79 475148.79 475168.79
475208.79 475228.79
                   475248.79
                                475268.79
 3755333.70 | 789.90 789.90
                                        789.90 789.90 789.90
            789.90 789.90 789.90
 789.90
 3755313.70 | 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90 789.90

04/06/22

3755293.70		789.90		789.96	)	789.90	789.90	789.90
789.90	789.90	7	89.90		789.90			
3755273.70		789.90		789.90	)	789.90	789.90	789.90
789.90	789.90	7	89.90		789.90			
3755253.70		789.90		789.90	)	789.90	789.90	789.90
789.90	789.90	7	89.90		789.90			
3755233.70		789.90		789.90	)	789.90	789.90	789.90
789.90	789.90	7	89.90		789.90			
3755213.70							789.90	789.90
789.90								
3755193.70		789.90		789.96	)	789.90	789.90	789.90
789.90								
							789.90	789.90
	789.90							
3755153.70		789.90		789.90	9	789.90	789.90	789.90
789.90 <b>↑</b> *** AERMOD	789.90	7	89.90		789.90			
★ *** AERMOD	- VERSIO	V 21112	***	***	2027 OP	ERATIONS -	TRUCK PM	
		***		04/06	5/22			
*** AERMET -	VERSION	16216	***	***				
		***	:	15:36:4	<del>1</del> 7			
				PAGE 4	11			
*** MODELOPT	r. Por					۱۱×		
MODELUP I	5. NE	SDEAULT	CONC	LLLV	UNDAN	ADJ_O		
			:	*** NF1	TWORK T	D. LICART7	· NETWORK	TYPE: GRIDCART
***				IVE	WORK I	D. OCART	, NETWORK	THE GRIDCART
						* HILL HE	GHT SCALES I	N METERS *
Y-COORD							X-COORD	(METERS)
(METERS)	475	288.79						•
3755333.70		789.90						
3755313.70	<u> </u>	789.90						
3755293.70	<u> </u>	789.90						
3755273.70								
	<u> </u>	789.90						
3755253.70	 	789.90						
3755253.70 3755233.70		789.90 789.90						
3755253.70 3755233.70 3755213.70	   	789.90 789.90 789.90						
3755253.70 3755233.70 3755213.70 3755193.70	     	789.90 789.90 789.90 789.90						
3755253.70 3755233.70 3755213.70 3755193.70 3755173.70		789.90 789.90 789.90 789.90 789.90						
3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70		789.90 789.90 789.90 789.90 789.90 789.90	grade de				TD101/ 2-1	
3755253.70 3755233.70 3755213.70 3755193.70 3755173.70	             - VERSIO	789.90 789.90 789.90 789.90 789.90 789.90 N 21112	***			ERATIONS -	TRUCK PM	
3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70 ★ *** AERMOD		789.90 789.90 789.90 789.90 789.90 789.90 N 21112 ***		04/06		ERATIONS -	TRUCK PM	
3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70		789.90 789.90 789.90 789.90 789.90 789.90 N 21112	***		5/22	ERATIONS -	TRUCK PM	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475151.6, 475171.6, 475191.6, 475211.6, 475231.6, 475251.6, 475271.6, 475391.6, 475351.6, 475371.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

PAGE 43

475151.63 475171.63 475191.63

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD |

(METERS)

\* ELEVATION HEIGHTS IN METERS \*

475211.63

X-COORD (METERS)

475231.63

475251.63	475271.63 4°	75291.63	475311	63		
3755398.30	497.2	ð 49 <sup>7</sup>	7.00	496.70	496.70	497.40
497.80	497.90	497.70	497.	60		
3755378.30	495.9	a 495	5.60	495.20	495.30	496.30
497.30	497.80	497.60	497.	40		
3755358.30	494.4	a 494	4.20	493.80	494.10	495.20
	497.40					
3755338.30	492.6	a 492	2.70	493.00	493.50	494.00
	496.60					
↑ *** AERMOD	- VERSION 2111	2 *** *	** 2027	OPERATIONS	- TRUCK PM	
		* 04				
*** AERMET -	VERSION 1621					

15:36:47

PAGE 44 RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 497.60 497.70 497.90 3755378.30 497.20 497.20 497.60 3755358.30 | 496.70 496.80 497.30 3755338.30 496.00 496.30 497.10 ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:36:47 PAGE 45 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 475151.63 475171.63 475191.63 475211.63 475231.63 475251.63 475271.63 475291.63 475311.63 3755398.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755358.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755338.30 | 789.90 789.90

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15:36:47

789.90 789.90

04/06/22

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM

789.90

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\*

789.90

789.90

789.90

RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \*\*\* \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 789.90 789.90 789.90 789.90 3755378.30 | 789.90 789.90 3755358.30 789.90 789.90 789.90 3755338.30 789.90 789.90 789.90 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:36:47 PAGE 47 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART \*\*\* \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755404.0, 3755424.0, 3755444.0, ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 15:36:47 PAGE 48 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

# \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475185.62 4752 475285.62 475305.62 475325.62				(METERS) 475265.62
3755444.04   496.90 4 498.30 498.40 498.50			497.80	498.10
3755424.04   497.00 4 498.10 498.10 498.20			497.80	498.00
3755404.04   496.90 4	196.80	497.20		497.90
497.80 497.80 497.70  ★ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  *** 15	04/06/22 ***	ERATIONS -	TRUCK PM	
*** MODELOPTs: RegDFAULT CONC	AGE 49 ELEV URBAN	ADJ_U*		
**	** NETWORK I	D: UCART10	; NETWORK	TYPE: GRIDCART
		* ELEVATIO	N HEIGHTS IN	I METERS *
Y-COORD   (METERS)   475365.62			X-COORD	(METERS)
3755444.04   498.50				
3755424.04   498.30				
3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 ***	*** 2027 OP 04/06/22 ***	ERATIONS -	TRUCK PM	
3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 ***	04/06/22	ERATIONS -	TRUCK PM	
3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  ***  ***  ***  ***  15	04/06/22 *** 5:36:47 AGE 50		TRUCK PM	
3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 *** * *** 15	04/06/22 *** 5:36:47 AGE 50 ELEV URBAN	ADJ_U*		TYPE: GRIDCART
3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 *** * *** 15  *** MODELOPTS: RegDFAULT CONC	04/06/22 *** 5:36:47 AGE 50 ELEV URBAN	ADJ_U* D: UCART10		

(METERS)   475185.62 475205.62 475225.62 475245.62 475265.62 475285.62 475305.62 475325.62	
	-
3755444.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	
3755424.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	
3755404.04   789.90 789.90 789.90 789.90 789.90	
789.90 789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM  *** 04/06/22  *** AERMET - VERSION 16216 *** ***	
*** 15:36:47	
PAGE 51 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCAL***	RT
* HILL HEIGHT SCALES IN METERS *	
Y-COORD   X-COORD (METERS) (METERS)   475365.62	
	-
3755444.04   789.90 3755424.04   789.90	
3755404.04   789.90 ★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM	
*** 04/06/22  *** AERMET - VERSION 16216 *** ***  *** 15:36:47	
PAGE 52 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** GRIDDED RECEPTOR NETWORK SUMMARY ***	
*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCAL	RT
*** X-COORDINATES OF GRID ***  (METERS)	
475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,	

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755450.2, 3755470.2, 3  ★ *** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	*** *** 2027 04/06/22	OPERATIONS	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 53 CONC ELEV UR	BAN ADJ_U*		
***	*** NETWOR	K ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* ELEVAT	ION HEIGHTS I	N METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	475270.47		(METERS) 475310.47
3755490.18   497.30 499.10 499.20	497.80	498.20	498.60	499.00
	497.80	498.20	498.50	498.80
_	497.90	498.20	498.40	498.50
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	04/06/22		- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 54 CONC ELEV UR	BAN ADJ_U*		
***	*** NETWOR	K ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* HILL HE	EIGHT SCALES	IN METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	475270.47		(METERS) 475310.47
3755490.18   789.90 789.90 789.90	789.90	789.90	789.90	789.90

```
3755470.18 | 789.90 789.90
                                           789.90 789.90 789.90
 789.90
             789.90
 3755450.18
                   789.90
                               789.90
                                           789.90
                                                      789.90
                                                                  789.90
             789.90
 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               15:36:47
                              PAGE 55
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475254.8, 475274.8, 475294.8, 475314.8, 475334.8,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755493.8, 3755513.8,
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                               15:36:47
                               PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS)
                475254.84 475274.84 475294.84 475314.84
                                                                475334.84
                  498.20
 3755513.80
                                                                  499.50
                               498.70
                                           499.10
                                                       499.40
                                           498.80
                                                                  499.20
 3755493.80
                   498.00
                               498.40
                                                       499.10
                               *** 2027 OPERATIONS - TRUCK PM
↑ *** AERMOD - VERSION 21112 ***
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                              15:36:47
```

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84

3755513.80 | 789.90 789.90 789.90 789.90 789.90 3755493.80 | 789.90 789.90 789.90 789.90 789.90

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:36:47

PAGE 58

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*
(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:36:47

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> ELEVATION HEIGHTS IN METERS \*

Y-COORD			X-COORD (METERS)			
(METERS)	475293.48	475313.48	475333.48		475373.48	
3755332.63	496.50	496.00	495.80	496.30	497.10	
3755312.63	494.90	495.00	495.40	496.10	497.10	
3755292.63	494.10	494.60	495.30	496.10	496.90	
3755272.63	494.00	494.70	495.40	496.20	496.80	
3755252.63	494.10	494.70	495.40	496.00	496.50	
3755232.63	494.10	494.70	495.20	495.70	496.10	
3755212.63	494.00	494.50	494.90	495.30	495.80	
↑ *** AERMOD -			7 OPERATIONS			
7.202	***	04/06/22				
*** AERMET - V	ERSION 16216		_			
71=1111=1	***	15:36:47				
		23.30.17				
		PAGE 60				
*** MODELOPTs:	RegDFAULT	CONC ELEV U	RBAN ADJ U*			
		*** NETWOR	RK ID: UCART1	4 : NETWORK	TYPE: GRIDCART	
***				,		
			* HILL H	EIGHT SCALES	IN METERS *	
Y-COORD				X-COORD	(METERS)	
Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48	
· .	475293.48 	475313.48 	475333 <b>.</b> 48			
· .	475293.48 	475313.48 	475333.48  			
· .	475293.48 	475313.48 	475333.48  			
· .	475293.48  	475313.48 	475333.48   789.90			
(METERS)   				475353.48 	475373.48	
(METERS)   	789.90	789.90	789.90	475353.48  789.90	475373.48 	
(METERS)   	789.90 789.90	789.90 789.90	789.90 789.90	475353.48  789.90 789.90	475373.48 	
(METERS)   	789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90	475373.48 	
(METERS)   	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90 789.90	475373.48 	
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755252.63	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90 789.90	475373.48 	
(METERS)   3755332.63   3755312.63   3755272.63   3755252.63   3755232.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:36:47	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:36:47	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7 OPERATIONS	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:36:47	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7 OPERATIONS 2	475353.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:36:47	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7 OPERATIONS 2	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** ERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/22 *** 15:36:47	789.90 789.90 789.90 789.90 789.90 789.90 789.90 7 OPERATIONS 2	475353.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 - TRUCK PM	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	

1 1 1 1111111 11111111111 1 1 1 111111 1111111111 1 1 1 1 1 1 1 1 1 1 1111111111 1 1 1 1 1 1 1 1 1 1 1 1 1 111111 1111111111 1111111111 1111111111 1111111111 1111111111 1111111111 1111111 1111111111 111111111 1111

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,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:36:47

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI\_V9\_ADJU\PERI\_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

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 10 01 01 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 142. 9.1 280.9 5.5 1.00 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 324. 9.1 280.4 5.5 10 01 01 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 0.40 294. 9.1 278.8 5.5 10 01 01 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 0.90 205. 9.1 278.1 5.5 10 01 01 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 0.61 0.40 3. 9.1 277.0 5.5 1.00 10 01 01 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 0.61 1.30 99. 9.1 277.0 5.5 1.00 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.90 319. 9.1 278.8 5.5 10 01 01 1 09 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 0.90 239. 9.1 284.2 5.5 0.33 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61 0.26 0.40 188. 9.1 289.2 5.5 10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19 0.61 2.70 310. 9.1 290.9 5.5 10 01 01 1 12 97.1 0.281 1.058 0.008 421. 357. -19.7 0.19 2.20 357. 9.1 293.1 5.5 10 01 01 1 13 92.2 0.279 1.117 0.008 523. 354. -20.4 0.19 0.22 2.20 356. 9.1 293.8 5.5 10 01 01 1 14 77.6 0.275 1.102 0.008 595. 347. -23.2 0.19 0.23 2.20 50. 9.1 294.2 5.5 10 01 01 1 15 54.9 0.230 1.006 0.008 640. 266. -19.2 0.19 0.27 1.80 53. 9.1 293.8 5.5 10 01 01 1 16 12.3 0.206 0.613 0.008 648. 225. -61.5 0.19 1.80 11. 9.1 292.5 5.5 0.36 10 01 01 1 17 -3.6 0.087 -9.000 -9.000 -999. 71. 15.6 0.19 0.61 0.90 351. 9.1 290.4 5.5 10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 186. 9.1 287.5 5.5 10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 275. 9.1 285.9 5.5 10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39. 18.1 0.19 0.61 0.40 181. 9.1 285.4 5.5 1.00

10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106. 21.3 0.19

10 01 01 1 22 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61

1.30 318. 9.1 284.9 5.5

1.00 0.90 196. 9.1 283.1 5.5

0.61

```
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61
      0.90 330. 9.1 281.4
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61
1.00 1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01 9.1 1 335. 1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                    *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:36:47
                            PAGE 63
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0003176
                                                           , L0003177
, L0003178
           , L0003179 , L0003180
                                   , L0003183 , L0003184 , L0003185
              L0003181
                       , L0003182
          , L0003187     , L0003188
, L0003186
              L0003189 , L0003190 , L0003191 , L0003192 , L0003193
, L0003194
           , L0003195
                       , L0003196
                      , L0003198
              L0003197
                                  , L0003199 , L0003200 , L0003201
, L0003202
          , L0003203
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) |
               474691.04
                          474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.04806
                                     0.05047 0.05173
                            0.04934
                                                             0.05312
0.05466 0.05631 0.05779
                0.04264
                            0.04367 0.04466
                                                 0.04566
 3755618.62
                                                             0.04671
        0.04918
                     0.04983
0.04796
                            0.03938 0.04017 0.04100
 3755603.62 | 0.03852
                                                             0.04186
       0.04376 0.04402
0.04285
 3755588.62
                0.03520 0.03590 0.03655
                                                  0.03726
                                                             0.03799
```

```
0.03879 0.03949 0.03958
 3755573.62 | 0.03240 0.03300 0.03357 0.03418 0.03479
0.03542 0.03597 0.03597
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                             04/06/22
                   16216 *** ***
*** AERMET - VERSION
                   ***
                            15:36:47
                            PAGE 64
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                                            , L0003177
                            INCLUDING SOURCE(S): L0003176
           , L0003179
                     , L0003180
, L0003178
                                   , L0003183 , L0003184 , L0003185
                       , L0003182
             L0003181
          , L0003187 , L0003188
, L0003186
              L0003189 , L0003190 , L0003191 , L0003192 , L0003193
           , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201
, L0003194
, L0003202 , L0003203
                             *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 474790.51 474805.51 474820.51
                                                 474835.51
                                                           474850.51
474865.51 474880.51 474895.51
 3755606.07 | 0.04476 0.04509
                                      0.04581
                                                 0.04671
                                                              0.04789
0.04919 0.05057 0.05209
                            0.04034 0.04092 0.04164
 3755591.07 | 0.04021
                                                              0.04255
0.04350
        0.04451 0.04549
 3755576.07
                0.03652
                            0.03655 0.03707 0.03764
                                                              0.03840
          0.03992
                    0.04057
0.03916
 3755561.07 | 0.03346
                           0.03347 0.03393 0.03442
                                                             0.03505
0.03567 0.03628
                      0.03686
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            15:36:47
                            PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
```

```
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003176
                                                                        , L0003177
, L0003178
              , L0003179
                            , L0003180
                                           , L0003183
                                                         , L0003184
                                                                        , L0003185
                 L0003181
                            , L0003182
              , L0003187
                            , L0003188
 L0003186
                                           , L0003191
                                                         , L0003192
                                                                        , L0003193
                             , L0003190
                 L0003189
              , L0003195
                            , L0003196
 L0003194
                             , L0003198
                                           , L0003199
                 L0003197
                                                         , L0003200
                                                                        , L0003201
 L0003202
              , L0003203
                                   *** NETWORK ID: UCART3
                                                           ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   474800.90
  3755623.35
                     0.05235
                                  0.05349
  3755608.35
                     0.04578
                                  0.04643
↑ *** AERMOD - VERSION 21112
                                    *** 2027 OPERATIONS - TRUCK PM
                                   04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                       ***
                                  15:36:47
                                  PAGE 66
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                        , L0003177
                                                           L0003176
, L0003178
                            , L0003180
              , L0003179
                            , L0003182
                                                         , L0003184
                                            , L0003183
                                                                        , L0003185
                 L0003181
 L0003186
              , L0003187
                            , L0003188
                 L0003189
                                            , L0003191
                             , L0003190
                                                         , L0003192
                                                                        , L0003193
 L0003194
              , L0003195
                            , L0003196
                             , L0003198
                                           , L0003199
                 L0003197
                                                          , L0003200
                                                                        , L0003201
 L0003202
              , L0003203
                                   *** NETWORK ID: UCART4
                                                           ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
                   **
   Y-COORD
                                                               X-COORD (METERS)
```

```
(METERS) | 474820.81 474835.81
 3755622.54
                  0.05347
                             0.05494
 3755607.54
                  0.04636
                              0.04729
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              15:36:47
                              PAGE 67
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S):
                                                   L0003176
                                                                , L0003177
, L0003178
            , L0003179
                        , L0003180
                        , L0003182
                                     , L0003183 , L0003184 , L0003185
               L0003181
 L0003186
           , L0003187 , L0003188
                         , L0003190
              L0003189
                                     , L0003191 , L0003192 , L0003193
                        , L0003196
 L0003194 , L0003195
                         , L0003198
                                    , L0003199 , L0003200 , L0003201
               L0003197
, L0003202 , L0003203
                               *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10
                                                      IN MICROGRAMS/M**3
   Y-COORD
                                                        X-COORD (METERS)
   (METERS)
               474838.93 474853.93
 3755615.41
                  0.05106
                              0.05251
 3755600.41
             0.04489
                              0.04596
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              15:36:47
                              PAGE 68
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178 , L0003179 , L0003180
```

```
, L0003182 , L0003183 , L0003184 , L0003185
               L0003181
, L0003186
             , L0003187
                         , L0003188
                         , L0003190
                                       , L0003191
                                                   , L0003192 , L0003193
               L0003189
                         , L0003196
             , L0003195
 L0003194
                         , L0003198
                                       , L0003199
                                                    , L0003200
               L0003197
                                                                 , L0003201
, L0003202
            , L0003203
                                *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                       IN MICROGRAMS/M**3
                 **
   Y-COORD
                                                         X-COORD (METERS)
   (METERS) |
                474857.73 474872.73
                   0.05089
 3755611.53
                               0.05243
 3755596.53
                   0.04483
                               0.04595
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                               15:36:47
                               PAGE 69
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003176
                                                                 , L0003177
                          , L0003180
, L0003178
             , L0003179
                         , L0003182
                                       , L0003183 , L0003184 , L0003185
               L0003181
, L0003186
             , L0003187
                         , L0003188
                                      , L0003191
                                                   , L0003192
                                                                , L0003193
               L0003189
                          , L0003190
, L0003194
            , L0003195
                         , L0003196
                         , L0003198
                                       , L0003199 , L0003200
                                                                  , L0003201
               L0003197
            , L0003203
, L0003202
                                *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                         X-COORD (METERS)
   (METERS)
              475108.79 475128.79 475148.79
                                                    475168.79 475188.79
475208.79
           475228.79
                       475248.79
                                    475268.79
```

```
3755333.70 | 0.01747 0.01754 0.01763
                                               0.01776
                                                          0.01790
0.01805 0.01818 0.01836 0.01855
 3755313.70 0.01649 0.01655 0.01663
                                               0.01674
                                                          0.01686
       0.01710 0.01721 0.01734
0.01699
 3755293.70 0.01561 0.01567
                                     0.01574
                                               0.01583
                                                          0.01594
0.01605
           0.01614
                     0.01623 0.01632
 3755273.70 0.01484 0.01489 0.01494
                                               0.01502
                                                          0.01511
          0.01528 0.01536 0.01545
0.01520
 3755253.70 0.01412 0.01417
                                               0.01429
                                     0.01423
                                                          0.01436
0.01444
          0.01453
                     0.01460
                               0.01469
                                               0.01363
 3755233.70
                0.01346 0.01352 0.01357
                                                          0.01369
          0.01384 0.01391 0.01399
0.01376
 3755213.70 0.01286 0.01292
                                               0.01303
                                                          0.01308
0.01315
          0.01321 0.01329 0.01335
 3755193.70
               0.01232
                         0.01238
                                               0.01248
                                                          0.01253
                                     0.01244
0.01258
       0.01264 0.01270
                             0.01276
 3755173.70 | 0.01182 0.01188
                                     0.01193
                                               0.01197
                                                          0.01201
0.01206
        0.01211 0.01216 0.01221
 3755153.70 0.01136 0.01140
                                     0.01145
                                              0.01149
                                                          0.01152
0.01157 0.01161 0.01166 0.01170
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                          15:36:47
                           PAGE 70
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                       *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003176
                                                        , L0003177
                      , L0003180
, L0003178
           , L0003179
                                , L0003183 , L0003184 , L0003185
                     , L0003182
             L0003181
           , L0003187
                     , L0003188
, L0003186
                     , L0003190 , L0003191 , L0003192 , L0003193
             L0003189
           , L0003195
                      , L0003196
L0003194
                      , L0003198
                                , L0003199     , L0003200
             L0003197
                                                       , L0003201
           , L0003203
, L0003202
                      , . . .
                           *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                               ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                 X-COORD (METERS)
   Y-COORD
   (METERS) |
               475288.79
```

```
3755333.70
                  0.01866
 3755313.70
                  0.01744
 3755293.70
                  0.01642
 3755273.70 l
                  0.01554
 3755253.70
                  0.01477
 3755233.70
                  0.01406
 3755213.70
                  0.01341
 3755193.70
                  0.01281
 3755173.70
                  0.01225
 3755153.70
                  0.01174
                          *** *** 2027 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112
                      ***
                              04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                              15:36:47
                              PAGE 71
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003176
                                                               , L0003177
                        , L0003180
            , L0003179
, L0003178
                        , L0003182
                                     , L0003183        , L0003184
               L0003181
                                                              , L0003185
, L0003186
            , L0003187
                        , L0003188
                        , L0003190
                                                 , L0003192 , L0003193
              L0003189
                                    , L0003191
 L0003194
            , L0003195
                        , L0003196
                        , L0003198
                                     , L0003199 , L0003200
                                                               , L0003201
               L0003197
, L0003202
            , L0003203
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10
                                                     IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                       X-COORD (METERS)
   (METERS) | 475151.63 475171.63 475191.63
                                                   475211.63
                                                               475231.63
475251.63 475271.63 475291.63
                                  475311.63
 3755398.30 0.02228 0.02247
                                         0.02264
                                                     0.02282
                                                                0.02307
                                   0.02360
                       0.02351
            0.02341
                 0.02064 0.02079
                                                     0.02108
 3755378.30
                                         0.02091
                                                                0.02132
            0.02170
                       0.02179
                                0.02185
0.02154
 3755358.30
                 0.01920
                              0.01933
                                                     0.01959
                                         0.01943
                                                                0.01981
0.02002
            0.02020
                       0.02028
                                   0.02032
 3755338.30 0.01791 0.01804 0.01818
                                                     0.01834
                                                                0.01848
0.01867 0.01886 0.01896 0.01898
```

```
★ *** AERMOD - VERSION 21112 ***
                                  *** 2027 OPERATIONS - TRUCK PM
                                   04/06/22
 *** AERMET - VERSION
                      16216 ***
                                 15:36:47
                                 PAGE 72
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0003176
                                                                      , L0003177
, L0003178
              , L0003179
                            , L0003180
                L0003181
                           , L0003182
                                           , L0003183
                                                       , L0003184
                                                                      , L0003185
                           , L0003188
              , L0003187
 L0003186
                           , L0003190
                L0003189
                                           , L0003191
                                                        , L0003192
                                                                      , L0003193
, L0003194
              , L0003195
                           , L0003196
                L0003197
                            , L0003198
                                          , L0003199
                                                       , L0003200
                                                                      , L0003201
, L0003202
              , L0003203
                                  *** NETWORK ID: UCART8
                                                           ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475331.63
                               475351.63
                                            475371.63
                                              0.02382
 3755398.30 l
                    0.02368
                                 0.02375
 3755378.30
                                              0.02203
                    0.02190
                                 0.02196
 3755358.30
                    0.02037
                                 0.02042
                                              0.02050
  3755338.30
                    0.01901
                                 0.01908
                                              0.01917
★ *** AERMOD - VERSION 21112
                                   *** 2027 OPERATIONS - TRUCK PM
                                   04/06/22
                      16216 ***
                                  ***
*** AERMET - VERSION
                                 15:36:47
                                 PAGE 73
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0003176
                                                                      , L0003177
, L0003178
                            , L0003180
              , L0003179
                           , L0003182
                                                        , L0003184
                L0003181
                                           , L0003183
                                                                      , L0003185
 L0003186
             , L0003187
                           , L0003188
                                          , L0003191
                                                       , L0003192
                L0003189
                            , L0003190
                                                                      , L0003193
, L0003194
             , L0003195
                           , L0003196
```

```
L0003197 , L0003198 , L0003199 , L0003200 , L0003201
, L0003202 , L0003203
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                   X-COORD (METERS)
   (METERS) | 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.02730 0.02762 0.02794 0.02825
                                                            0.02852
0.02874 0.02891 0.02905 0.02915
 3755424.04 | 0.02503 0.02530 0.02555 0.02580
                                                            0.02601
0.02618 0.02631 0.02643 0.02651
 3755404.04 0.02310 0.02329 0.02352 0.02375
                                                            0.02391
0.02403 0.02414 0.02422 0.02429
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            15:36:47
                            PAGE 74
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178
          , L0003179 , L0003180
             L0003181 , L0003182 , L0003183 , L0003184 , L0003185
, L0003186     , L0003187     , L0003188
             L0003189 , L0003190 , L0003191 , L0003192 , L0003193
, L0003194     , L0003195
                      , L0003196
             L0003197
                      , L0003198 , L0003199 , L0003200 , L0003201
, L0003202 , L0003203
                      , . . .
                             *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                   X-COORD (METERS)
   Y-COORD
   (METERS) | 475365.62
```

```
3755444.04
                 0.02921
 3755424.04
                  0.02658
 3755404.04
                  0.02436
★ *** AERMOD - VERSION 21112
                           *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              15:36:47
                              PAGE 75
                RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003176
                                                              , L0003177
            , L0003179
, L0003178
                         , L0003180
                         , L0003182     , L0003183     , L0003184
               L0003181
                                                              , L0003185
            , L0003187
                        , L0003188
, L0003186
                        , L0003190     , L0003191     , L0003192
               L0003189
                                                              , L0003193
 L0003194
           , L0003195
                        , L0003196
                                      , L0003199
              L0003197
                                                  , L0003200 , L0003201
                         , L0003198
, L0003202
            , L0003203
                               *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                       X-COORD (METERS)
               475230.47 475250.47 475270.47 475290.47 475310.47
   (METERS)
475330.47 475350.47
 3755490.18 0.03585
                            0.03641 0.03688
                                                    0.03730
                                                                 0.03766
0.03787 0.03803
 3755470.18 | 0.03196 0.03237 0.03274
                                                  0.03304
                                                                 0.03330
0.03347
            0.03358
 3755450.18
                            0.02918
                                        0.02946
                                                     0.02969
                                                                 0.02986
                  0.02886
0.03000
            0.03009
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                               ***
                              15:36:47
                              PAGE 76
                 RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
```

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

```
***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178
             , L0003179
                         , L0003180
                                        , L0003183
               L0003181 , L0003182
                                                    , L0003184
                                                                   , L0003185
             , L0003187
 L0003186
                          , L0003188
               L0003189
                          , L0003190
                                        , L0003191 , L0003192
                                                                   , L0003193
             , L0003195
                          , L0003196
 L0003194
                          , L0003198
                                        , L0003199
                                                     , L0003200
               L0003197
                                                                   , L0003201
             , L0003203
, L0003202
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                          X-COORD (METERS)
                                                                   475334.84
   (METERS)
                 475254.84
                           475274.84 475294.84 475314.84
 3755513.80
                   0.04309
                               0.04380
                                            0.04438
                                                        0.04482
                                                                     0.04509
  3755493.80
                   0.03740
                                0.03789
                                            0.03832
                                                        0.03865
                                                                     0.03886
↑ *** AERMOD - VERSION 21112
                                *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
                                ***
 *** AERMET - VERSION 16216 ***
                     ***
                                15:36:47
                                PAGE 77
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003176
                                                                   , L0003177
, L0003178
             , L0003179
                         , L0003180
                          , L0003182
                                        , L0003183 , L0003184 , L0003185
                L0003181
             , L0003187
                          , L0003188
 L0003186
                          , L0003190
                                                    , L0003192
               L0003189
                                        , L0003191
                                                                  , L0003193
, L0003194
             , L0003195
                          , L0003196
                          , L0003198
               L0003197
                                       , L0003199
                                                    , L0003200
                                                                   , L0003201
, L0003202
             , L0003203
                                 *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                          X-COORD (METERS)
   (METERS)
                 475293.48 475313.48 475333.48
                                                    475353.48
                                                                  475373,48
```

3755332.63 | 0.01860 0.01863 0.01866 0.01874 0.01883 3755312.63 0.01740 0.01746 0.01753 0.01762 0.01771 3755292.63 0.01639 0.01647 0.01655 0.01663 0.01670 3755272.63 l 0.01552 0.01560 0.01568 0.01575 0.01580 3755252.63 | 0.01475 0.01482 0.01488 0.01494 0.01498 3755232.63 0.01404 0.01410 0.01415 0.01423 0.01420 3755212.63 0.01339 0.01344 0.01348 0.01352 0.01355 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:36:47 PAGE 78 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\* INCLUDING SOURCE(S): L0003176 , L0003177 , L0003178 , L0003179 , L0003180 , L0003182 L0003181 , L0003183 , L0003184 , L0003185 L0003186 , L0003187 , L0003188 , L0003190 , L0003191 , L0003192 L0003189 . L0003193 , L0003196 L0003194 , L0003195 L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD | X-COORD (METERS) (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04 3755633.6 | 0.11385 (11091107) 0.11818 (11091107) 0.12231 (11091107) 0.12675 (11091107) 0.13157 (11091107) 0.09936 (11091107) 0.10276 (11091107) 0.09601 (11091107) 0.10626 (11091107) 0.10993 (11091107) 0.08695 (16062006) 0.08868 (16062006) 3755603.6 0.08513 (16062006) 0.09359 (11091107) 0.09065 (11091107) 3755588.6 0.07792 (16062006) 0.07942 (16062006) 0.08085 (16062006)

0.08397 (16062006)

0.07186 (16062006) 0.07312 (16062006)

0.07436 (16062006)

0.08238 (16062006)

3755573.6

```
0.07568 (16062006) 0.07700 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
                      16216 ***
 *** AERMET - VERSION
                                15:36:47
                                 PAGE 79
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S):
                                                                     , L0003177
                                                        L0003176
, L0003178
                           , L0003180
             , L0003179
                         , L0003182
                                                                     , L0003185
                                         , L0003183 , L0003184
                L0003181
             , L0003187
 L0003186
                          , L0003188
                           , L0003190
               L0003189
                                         , L0003191
                                                      , L0003192
                                                                   , L0003193
 L0003194
             , L0003195
                          , L0003196
                          , L0003198
                                         , L0003199
                L0003197
                                                      , L0003200 , L0003201
 L0003202
             , L0003203
                                  *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                  474766.04
                                         474781.04
                                                                 474796.04
                 0.14755 (11091107)
3755633.6

      0.11409 (11091107)
      0.11829 (11091107)

      0.09680 (11091107)
      0.09998 (11091107)

                                                               0.12114 (11091107)
3755618.6
3755603.6
                                                               0.10199 (11091107)
                 0.08567 (16062006)
                                       0.08723 (16062006)
                                                                0.08776 (16062006)
3755588.6
                                    0.07962 (16062006)
                 0.07837 (16062006)
                                                                0.07997 (16062006)
3755573.6
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                 15:36:47
                                 PAGE 80
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0003176
                                                                    , L0003177
             , L0003179
, L0003178
                          , L0003180
                                        , L0003183 , L0003184 , L0003185
                           , L0003182
                L0003181
, L0003186 , L0003187 , L0003188
```

```
L0003189 , L0003190 , L0003191 , L0003192 , L0003193
, L0003194
           , L0003195
                        , L0003196
                         , L0003198
                                      , L0003199 , L0003200 , L0003201
               L0003197
. L0003202
            , L0003203
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD
                                                       X-COORD (METERS)
  (METERS)
               474790.51
                                      474805.51
                                                           474820.51
     474835.51
                 474850.51
 3755606.1 | 0.10404 (11091107) 0.10600 (11091107) 0.10871 (11091107)
                         0.11572 (11091107)
    0.11183 (11091107)
 3755591.1
                0.08904 (11091107)
                                     0.09059 (11091107) 0.09285 (11091107)
    0.09539 (11091107)
                         0.09839 (11091107)
 3755576.1
                0.08104 (16062006)
                                     0.08135 (16062006)
                                                         0.08252 (16062006)
                         0.08543 (16062006)
    0.08379 (16062006)
 3755561.1
                0.07441 (16062006)
                                     0.07467 (16062006) 0.07570 (16062006)
                         0.07816 (16062006)
    0.07680 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                      ***
                              04/06/22
 *** AERMET - VERSION 16216 *** ***
                    ***
                              15:36:47
                              PAGE 81
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                              ***
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003176 , L0003177
            , L0003179
                        , L0003180
, L0003178
                        , L0003182
                                    , L0003183 , L0003184 , L0003185
               L0003181
            , L0003187
                        , L0003188
, L0003186
                        , L0003190
                                    , L0003191 , L0003192 , L0003193
               L0003189
, L0003194
                        , L0003196
            , L0003195
                        , L0003198 , L0003199 , L0003200 , L0003201
              L0003197
, L0003202
            , L0003203
                        , . . .
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM_10 IN MICROGRAMS/M**3
```

\*\*

```
Y-COORD
                                                                         X-COORD (METERS)
  (METERS) | 474865.51 474880.51
                                                                              474895.51

      3755606.1 |
      0.11997 (11091107)
      0.12448 (11091107)
      0.12943 (11091107)

      3755591.1 |
      0.10152 (11091107)
      0.10482 (11091107)
      0.10807 (11091107)

      3755576.1 |
      0.08751 (11091107)
      0.09003 (11091107)
      0.09235 (11091107)

      3755561.1 |
      0.07951 (16062006)
      0.08085 (16062006)
      0.08212 (16062006)

★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                    04/06/22
 *** AERMET - VERSION 16216 *** ***
                           ***
                                      15:36:47
                                       PAGE 82
                      RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                                   *** THE
                                              1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                        ***
VALUES FOR SOURCE GROUP: ALL
                                        INCLUDING SOURCE(S): L0003176 , L0003177
                , L0003179
, L0003178
                               , L0003180
                                , L0003182 , L0003183 , L0003184 , L0003185
                   L0003181
                , L0003187 , L0003188 , L0003189 , L0003191 , L0003192 , L0003193
, L0003186
, L0003194     , L0003195     , L0003196
                   L0003197
                                , L0003198 , L0003199 , L0003200 , L0003201
*** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                               ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD
                                                                        X-COORD (METERS)
  (METERS) | 474800.90
                                                 474815.90
 3755623.3 | 0.12962 (11091107) 0.13364 (11091107)
3755608.3 | 0.10806 (11091107) 0.11064 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                    04/06/22
 *** AERMET - VERSION 16216 *** ***
                                       15:36:47
                                        PAGE 83
 *** MODELOPTs:
                      RegDFAULT CONC ELEV URBAN ADJ_U*
```

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

```
***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003176 , L0003177
                          , L0003180
, L0003178
             , L0003179
                L0003181 , L0003182
                                         , L0003183 , L0003184
                                                                    , L0003185
             , L0003187
 L0003186
                          , L0003188
                L0003189
                          , L0003190
                                         , L0003191 , L0003192
                                                                   , L0003193
, L0003194
             , L0003195
                          , L0003196
                          , L0003198
                                        , L0003199
                                                    , L0003200
                L0003197
                                                                   , L0003201
, L0003202
             , L0003203
                                 *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                474820.81
                                         474835.81
3755622.5 | 0.13362 (11091107) 0.13854 (11091107)
3755607.5 | 0.11053 (11091107) 0.11374 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
 *** AERMET - VERSION 16216 ***
                                ***
                      ***
                                15:36:47
                                PAGE 84
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                INCLUDING SOURCE(S): L0003176
                                                                    , L0003177
                          , L0003180
, L0003178
             , L0003179
                          , L0003182
                                        , L0003183 , L0003184 , L0003185
                L0003181
             , L0003187
 L0003186
                         , L0003188
                          , L0003190 , L0003191
                                                    , L0003192 , L0003193
                L0003189
, L0003194
             , L0003195
                          , L0003196
                          , L0003198
                                       , L0003199 , L0003200 , L0003201
                L0003197
, L0003202
             , L0003203
                                 *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                474838.93
                                        474853.93
```

```
3755615.4 | 0.12601 (11091107) 0.13078 (11091107)
3755600.4 | 0.10591 (11091107) 0.10946 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                15:36:47
                                PAGE 85
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                                INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178
          , L0003179 , L0003180
                L0003181 , L0003182 , L0003183 , L0003184 , L0003185
, L0003186 , L0003187 , L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193
, L0003194
            , L0003195
                          , L0003196
                          , L0003198 , L0003199 , L0003200 , L0003201
               L0003197
, L0003202 , L0003203 , . . .
                                 *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS) | 474857.73
                                       474872.73
3755611.5 | 0.12552 (11091107) 0.13056 (11091107)
3755596.5 | 0.10579 (11091107) 0.10943 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
 *** AERMET - VERSION 16216 *** ***
                               15:36:47
                      ***
                                PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003176 , L0003177
. L0003178
             , L0003179 , L0003180
                L0003181 , L0003182 , L0003183 , L0003184 , L0003185
```

```
, L0003186 , L0003187 , L0003188
                                      , L0003191 , L0003192 , L0003193
              L0003189
                        , L0003190
 L0003194
            , L0003195
                        , L0003196
                        , L0003198
                                      , L0003199 , L0003200 , L0003201
              L0003197
, L0003202
            , L0003203
                              *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                      X-COORD (METERS)
 (METERS) | 475108.79
                                     475128.79
                                                           475148.79
     475168.79
                          475188.79
3755333.7 | 0.03892 (16062006) 0.03911 (16062006) 0.03932 (16062006)
    0.03959 (16062006)
                         0.03988 (16062006)
               0.03674 (16062006) 0.03691 (16062006) 0.03710 (16062006)
    0.03732 (16062006) 0.03757 (16062006)
3755293.7
               0.03479 (16062006)
                                     0.03495 (16062006) 0.03512 (16062006)
                         0.03551 (16062006)
    0.03530 (16062006)
               0.03305 (16062006)
                                     0.03318 (16062006) 0.03332 (16062006)
3755273.7
    0.03348 (16062006) 0.03366 (16062006)
3755253.7
               0.03144 (16062006)
                                     0.03157 (16062006)
                                                         0.03170 (16062006)
    0.03184 (16062006)
                         0.03199 (16062006)
3755233.7
               0.02997 (16062006)
                                     0.03010 (16062006) 0.03022 (16062006)
    0.03034 (16062006)
                         0.03047 (16062006)
               0.02862 (16062006) 0.02874 (16062006)
                                                         0.02887 (16062006)
3755213.7
                         0.02909 (16062006)
    0.02898 (16062006)
               0.02739 (16062006)
                                     0.02751 (16062006) 0.02763 (16062006)
3755193.7
    0.02774 (16062006)
                         0.02783 (16062006)
               0.02626 (16062006) 0.02637 (16062006) 0.02647 (16062006)
                         0.02665 (16062006)
    0.02657 (16062006)
                                    0.02530 (16062006) 0.02540 (16062006)
               0.02521 (16062006)
    0.02548 (16062006) 0.02555 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                              15:36:47
                              PAGE 87
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178 , L0003179 , L0003180
```

```
, L0003182
                                                      , L0003184
                L0003181
                                          , L0003183
                                                                    , L0003185
                           , L0003188
, L0003186
             , L0003187
                L0003189
                            , L0003190
                                          , L0003191
                                                       , L0003192
                                                                     , L0003193
 L0003194
              . L0003195
                           , L0003196
                                          , L0003199
                L0003197
                           , L0003198
                                                        , L0003200
                                                                     , L0003201
             , L0003203
 L0003202
                                  *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS) |
                  475208.79
                                          475228.79
                                                                 475248.79
     475268.79
                             475288.79
                 0.04016 (16062006)
                                         0.04041 (16062006)
                                                                0.04070 (16062006)
3755333.7
    0.04102 (16062006)
                            0.04120 (16062006)
3755313.7 |
                 0.03781 (16062006)
                                         0.03802 (16062006)
                                                                0.03823 (16062006)
    0.03846 (16062006)
                            0.03863 (16062006)
3755293.7
                 0.03572 (16062006)
                                                                0.03606 (16062006)
                                         0.03589 (16062006)
    0.03624 (16062006)
                            0.03640 (16062006)
3755273.7
                 0.03384 (16062006)
                                         0.03400 (16062006)
                                                                0.03415 (16062006)
    0.03430 (16062006)
                            0.03446 (16062006)
                 0.03214 (16062006)
                                         0.03230 (16062006)
                                                                0.03244 (16062006)
3755253.7
    0.03258 (16062006)
                            0.03272 (16062006)
                 0.03061 (16062006)
                                                                0.03088 (16062006)
                                         0.03075 (16062006)
                            0.03113 (16062006)
    0.03101 (16062006)
3755213.7
                 0.02922 (16062006)
                                         0.02934 (16062006)
                                                                0.02946 (16062006)
                            0.02967 (16062006)
    0.02958 (16062006)
3755193.7
                 0.02793 (16062006)
                                         0.02804 (16062006)
                                                                0.02815 (16062006)
                            0.02833 (16062006)
    0.02825 (16062006)
3755173.7
                 0.02674 (16062006)
                                         0.02684 (16062006)
                                                                0.02693 (16062006)
    0.02702 (16062006)
                            0.02709 (16062006)
3755153.7
                 0.02564 (16062006)
                                         0.02573 (16062006)
                                                                0.02580 (16062006)
    0.02588 (16062006)
                            0.02595 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                        ***
                                  04/06/22
 *** AERMET - VERSION 16216 ***
                      ***
                                 15:36:47
                                 PAGE 88
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0003176
                                                                     , L0003177
```

```
, L0003178 , L0003179 , L0003180
                                    , L0003183 , L0003184 , L0003185
              L0003181
                       , L0003182
           , L0003187
 L0003186
                       , L0003188
              L0003189 , L0003190 , L0003191 , L0003192 , L0003193
            , L0003195
L0003194
                       , L0003196
              L0003197
                       , L0003198
                                    , L0003199 , L0003200 , L0003201
           , L0003203
, L0003202
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM_10 IN MICROGRAMS/M**3
 Y-COORD
                                                     X-COORD (METERS)
 (METERS) 475151.63
                                    475171.63
                                                         475191.63
     475211.63
                        475231.63
3755398.3
               0.04929 (16062006) 0.04969 (16062006) 0.05006 (16062006)
    0.04578 (16062006) 0.04610 (16062006) 0.04639 (16062006)
3755378.3 l
                        0.04714 (16062006)
    0.04672 (16062006)
               0.04269 (16062006)
                                   0.04297 (16062006) 0.04321 (16062006)
3755358.3
    0.04352 (16062006)
                        0.04390 (16062006)
3755338.3
               0.03994 (16062006)
                                   0.04021 (16062006) 0.04049 (16062006)
    0.04078 (16062006) 0.04104 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                             15:36:47
                             PAGE 89
*** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178
                      , L0003180
           , L0003179
              L0003181 , L0003182 , L0003183 , L0003184 , L0003185
            , L0003187 , L0003188 , L0003189 , L0003191 , L0003192 , L0003193
, L0003186
, L0003194
           , L0003195
                       , L0003196
                       , L0003198 , L0003199 , L0003200 , L0003201
              L0003197
, L0003202 , L0003203 , . . .
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
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\*\*

```
Y-COORD |
                                                              X-COORD (METERS)
  (METERS) | 475251.63
                                           475271.63
                                                                   475291.63
     475311.63
                     475331.63
 3755398.3 | 0.05125 (16062006) 0.05154 (16062006) 0.05176 (16062006)
     0.05196 (16062006) 0.05213 (16062006)
                 0.04752 (16062006) 0.04781 (16062006) 0.04800 (16062006)
 3755378.3
     0.04816 (16062006) 0.04828 (16062006)
                  0.04425 (16062006) 0.04456 (16062006) 0.04473 (16062006)
     0.04484 (16062006) 0.04495 (16062006)
                  0.04137 (16062006) 0.04167 (16062006) 0.04185 (16062006)
     0.04193 (16062006) 0.04201 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
 *** AERMET - VERSION 16216 *** ***
                                  15:36:47
                                  PAGE 90
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  ***
                                  INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178
              , L0003179 , L0003180
                           , L0003182
                                          , L0003183 , L0003184 , L0003185
                L0003181
, L0003186 , L0003187 , L0003188
                L0003189 , L0003190 , L0003191 , L0003192 , L0003193
, L0003194      , L0003195
                           , L0003196
                          , L0003198 , L0003199 , L0003200 , L0003201
                L0003197
, L0003202 , L0003203
                                   *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD |
                                                              X-COORD (METERS)
  (METERS)
                 475351.63
                                         475371.63

      3755398.3 |
      0.05228 (16062006)
      0.05241 (16062006)

      3755378.3 |
      0.04840 (16062006)
      0.04854 (16062006)

      3755358.3 |
      0.04506 (16062006)
      0.04519 (16062006)
```

```
3755338.3 | 0.04213 (16062006) 0.04228 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              15:36:47
                              PAGE 91
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                                                               , L0003177
                              INCLUDING SOURCE(S):
                                                   L0003176
, L0003178
            , L0003179
                        , L0003180
                                      , L0003183 , L0003184 , L0003185
              L0003181 , L0003182
           , L0003187
                        , L0003188
 L0003186
                                      , L0003191 , L0003192 , L0003193
                         , L0003190
              L0003189
           , L0003195
                        , L0003196
 L0003194
                        , L0003198
                                   , L0003199 , L0003200 , L0003201
               L0003197
 L0003202
            , L0003203
                        , . . .
                               *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                       X-COORD (METERS)
  (METERS) |
                 475185.62
                                      475205.62
                                                            475225.62
     475245.62
                          475265.62
3755444.0 | 0.06025 (16062006) 0.06090 (16062006) 0.06152 (16062006)
    0.06211 (16062006)
                         0.06262 (16062006)
                0.05529 (16062006) 0.05581 (16062006) 0.05630 (16062006)
                         0.05719 (16062006)
    0.05678 (16062006)
                                    0.05145 (16062006) 0.05189 (16062006)
                0.05106 (16062006)
    0.05231 (16062006) 0.05263 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              15:36:47
                              PAGE 92
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0003176 , L0003177
, L0003178 , L0003179 , L0003180
```

```
, L0003182 , L0003183 , L0003184 , L0003185
                L0003181
, L0003186
             , L0003187
                          , L0003188
                          , L0003190
                                        , L0003191
                L0003189
                                                    , L0003192
                                                                  , L0003193
             , L0003195
 L0003194
                          , L0003196
                                        , L0003199
                                                     , L0003200
                L0003197
                          , L0003198
                                                                   , L0003201
, L0003202
             , L0003203
                                 *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                        IN MICROGRAMS/M**3
                  **
  Y-COORD |
                                                          X-COORD (METERS)
  (METERS) |
                 475285.62
                                        475305.62
                                                               475325.62
                           475365.62
     475345.62
 3755444.0
                 0.06305 (16062006) 0.06340 (16062006) 0.06369 (16062006)
    0.06391 (16062006)
                           0.06406 (16062006)
 3755424.0 l
                 0.05752 (16062006)
                                       0.05780 (16062006)
                                                            0.05804 (16062006)
                           0.05837 (16062006)
    0.05822 (16062006)
 3755404.0
                 0.05289 (16062006)
                                       0.05312 (16062006) 0.05330 (16062006)
                           0.05360 (16062006)
    0.05345 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                       ***
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                      ***
                                15:36:47
                                PAGE 93
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003176
                                                                   , L0003177
             , L0003179
, L0003178
                          , L0003180
                          , L0003182
                                        , L0003183 , L0003184
                L0003181
                                                                  , L0003185
, L0003186
             , L0003187
                          , L0003188
                          , L0003190
                                       , L0003191
                L0003189
                                                     , L0003192
                                                                  , L0003193
, L0003194
             , L0003195
                          , L0003196
                          , L0003198
                                        , L0003199     , L0003200
                L0003197
                                                                   , L0003201
, L0003202
             , L0003203
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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```
Y-COORD
                                                             X-COORD (METERS)
  (METERS) | 475230.47 475250.47
                                                                  475270.47
     475290.47
                            475310.47
3755490.2 | 0.07882 (11091107) 0.08103 (11091107) 0.08306 (11091107)
    0.08487 (11091107) 0.08646 (11091107)
                 0.07022 (16062006) 0.07101 (16062006) 0.07171 (16062006)
3755470.2
    0.07229 (16062006) 0.07278 (16062006)
3755450.2
                                         0.06410 (16062006) 0.06463 (16062006)
                 0.06348 (16062006)
    0.06508 (16062006) 0.06543 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                        ***
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                                 15:36:47
                                 PAGE 94
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0003176 , L0003177
             , L0003179 , L0003180
, L0003178
                L0003181 , L0003182
                                         , L0003183 , L0003184 , L0003185
, L0003186 , L0003187 , L0003188
                L0003189 , L0003190 , L0003191 , L0003192 , L0003193
                           , L0003196
, L0003194        , L0003195
                L0003197 , L0003198 , L0003199 , L0003200 , L0003201
, L0003202     , L0003203
                                  *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                             X-COORD (METERS)
  (METERS) | 475330.47
                                475350.47

      3755490.2 |
      0.08777 (11091107)
      0.08881 (11091107)

      3755470.2 |
      0.07356 (11091107)
      0.07452 (11091107)

      3755450.2 |
      0.06573 (16062006)
      0.06593 (16062006)

↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM
                        *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                               15:36:47
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PAGE 95 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\* VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003176 , L0003177 , L0003180 , L0003178 , L0003179 , L0003182 , L0003183 , L0003184 , L0003185 L0003181 , L0003186 , L0003187 , L0003188 L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 , L0003196 , L0003198 , L0003199 , L0003200 , L0003201 L0003197 , L0003202 , L0003203 \*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 \*\* Y-COORD | X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84 3755513.8 | 0.10324 (11091107) 0.10599 (11091107) 0.10835 (11091107) 0.11179 (11091107) 0.11030 (11091107) 3755493.8 0.08432 (11091107) 0.08639 (11091107) 0.08823 (11091107) 0.08980 (11091107) 0.09109 (11091107) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:36:47 PAGE 96 RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003176 , L0003177 , L0003178 , L0003179 , L0003180 , L0003183 , L0003184 , L0003185 , L0003182 L0003181 , L0003186 , L0003187 , L0003188 , L0003190 , L0003191 , L0003192 , L0003193 L0003189 , L0003196 , L0003194 , L0003195 , L0003198 L0003197 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE:

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD X-COORD (METERS) (METERS) | 475293.48 475313.48 475333.48 475373.48 475353.48 3755332.6 | 0.04109 (16062006) 0.04117 (16062006) 0.04126 (16062006) 0.04139 (16062006) 0.04153 (16062006) 0.03854 (16062006) 0.03866 (16062006) 0.03878 (16062006) 0.03892 (16062006) 0.03905 (16062006) 0.03633 (16062006) 0.03646 (16062006) 0.03660 (16062006) 3755292.6 0.03672 (16062006) 0.03683 (16062006) 0.03440 (16062006) 0.03453 (16062006) 0.03465 (16062006) 3755272.6 0.03476 (16062006) 0.03484 (16062006) 3755252.6 0.03297 (16062006) 0.03303 (16062006) 0.03108 (16062006) 0.03118 (16062006) 0.03126 (16062006) 3755232.6 0.03133 (16062006) 0.03139 (16062006) 0.02962 (16062006) 0.02970 (16062006) 0.02977 (16062006) 3755212.6 0.02983 (16062006) 0.02989 (16062006) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:36:47 PAGE 97 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID ALL 1ST HIGHEST VALUE IS 0.05779 AT ( 474796.04, 3755633.62, 496.60, 789.90, 0.00) GC UCART1 2ND HIGHEST VALUE IS 0.05631 AT ( 474781.04, 3755633.62, 497.00,

700 00 0 00) CC UCARTA								
789.90, 0.00) GC UCART1 3RD HIGHEST VALUE IS	0.05494 AT (	474835.81.	3755622.54.	494.80.				
789.90, 0.00) GC UCART4	,	,	,	,				
4TH HIGHEST VALUE IS	0.05466 AT (	474766.04,	3755633.62,	497.00,				
789.90, 0.00) GC UCART1								
5TH HIGHEST VALUE IS	0.05349 AT (	474815.90,	3755623.35,	495.20,				
789.90, 0.00) GC UCART3	0.05247.47.7	474020 01	2755622 54	405.00				
6TH HIGHEST VALUE IS	0.05347 AT (	4/4820.81,	3/55622.54,	495.00,				
789.90, 0.00) GC UCART4 7TH HIGHEST VALUE IS	0.05312 AT (	171751 01	2755622 62	197 00				
789.90, 0.00) GC UCART1	0.03312 AT (	474731.04,	3733033.02,	457.00,				
8TH HIGHEST VALUE IS	0.05251 AT (	474853.93.	3755615.41.	493.60.				
789.90, 0.00) GC UCART5	(	.,,	<i></i>	,				
•	0.05243 AT (	474872.73,	3755611.53,	493.50,				
789.90, 0.00) GC UCART6	·	_	-	-				
10TH HIGHEST VALUE IS	0.05235 AT (	474800.90,	3755623.35,	495.80,				
789.90, 0.00) GC UCART3								
*** RECEPTOR TYPES: GC = GRIDCART GP = GRIDPOLR DC = DISCCART DP = DISCPOLR  ↑ *** AERMOD - VERSION 21112 *** *** 2027 OPERATIONS - TRUCK PM								
	DAGE 00							
*** MODELODT	PAGE 98	און בס						
*** MODELOPTs: RegDFAULT CON	IC ELEV UKBAN A	ບງ_ບ≁						
	**	* THE SUMMAR	V OF HIGHEST	. 1-HB				
RESULTS ***		THE SUMMAN	i or midnesi	1-1110				
RESOLIS								
	** CONC OF PM_	10 IN MIC	ROGRAMS/M**3	}				
**								
		DATE						
	NETWORK							
	AVERAGE CONC	(YYMMDDHH)		RECEPTOR				
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID							
ALL HIGH 1ST HIGH VALUE IS 0.14755 ON 11091107: AT ( 474796.04, 3755633.62, 496.60, 789.90, 0.00) GC UCART1								
2.22333.02, .30.00, 703.30,	3.00, de ocan							

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2027 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* **15:36:47** 

PAGE 99

\*\*\* 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 4 Warning Message(s)
A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified ( 2.40 Percent)

\*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*\*

ME W186 917 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used

0.50

ME W187 917 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:

14010101

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:

2 year gap

\*\*\*\*\*\*\*\*\*\*\*

\*\*\* AERMOD Finishes Successfully \*\*\*

\*\*\*\*\*\*\*\*\*\*\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall-TR 2029\MVMall-TR 2029.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2029 Operations - Truck PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL MVMall-TR 2029.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 SR60 EB
** PREFIX
** Length of Side = 15.00
** Configuration = Adjacent
** Emission Rate = 0.00215
** Vertical Dimension = 5.44
** SZINIT = 2.53
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
** 475301.985, 3755606.087, 502.95, 2.72, 6.98
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** ______
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** Length of Side = 15.00
** Configuration = Adjacent
** Emission Rate = 0.00215
** Vertical Dimension = 5.44
** SZINIT = 2.53
** Nodes = 6
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LOCATION	L0003985	VOLUME	473550.139	3755977.132	486.77
LOCATION	L0003986	VOLUME	473535.453	3755980.184	486.30
LOCATION	L0003987	VOLUME	473520.767	3755983.236	485.87

\*\* End of LINE VOLUME Source ID = SLINE2

	LIIU	) LTIVI	- VOLUITE	Jour	CC	ΤD	_
**	Sour	ce Para	ameters	**			
**	LINE	VOLUMI	Source	ID =	= SL	INE	1
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SRCPARAM	L0003662	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003663	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003664	0.0000105911	2.72	6.98	2.53
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	SRCPARAM I	L0003759	0.0000105911	2.72	6.98	2.53
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	SRCPARAM I	L0003763	0.0000105911	2.72	6.98	2.53
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	SRCPARAM I		0.0000105911	2.72	6.98	2.53
	SRCPARAM I		0.0000105911	2.72	6.98	2.53
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	SRCPARAM I	L0003772	0.0000105911	2.72	6.98	2.53
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	SRCPARAM I	L0003776	0.0000105911	2.72	6.98	2.53
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*	LINE VOLUM	ME Source ID	= SLINE2			
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	SRCPARAM I	L0003788	0.0000105911	2.72	6.98	2.53
	SRCPARAM I		0.0000105911	2.72	6.98	2.53
	SRCPARAM I	L0003790	0.0000105911	2.72	6.98	2.53
	SRCPARAM I	L0003791	0.0000105911	2.72	6.98	2.53
	SRCPARAM I	L0003792	0.0000105911	2.72	6.98	2.53
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	SRCPARAM I		0.0000105911	2.72	6.98	2.53
	SRCPARAM I	L0003799	0.0000105911	2.72	6.98	2.53

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	URBANSRC					
	SRCGROUP	ALL				

SO FINISHED

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\*\*\*\*\*\*\*\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*\*\*\*\*\*\*

\*\*

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RE STARTING

INCLUDED MVMall-TR\_2029.rou

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ME FINISHED
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** AERMOD Output Pathway
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  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall-TR 2029\MVMALL-TR 2029.AD\PE00GALL.PLT" 32
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** DESCPTN UTM: Universal Transverse Mercator
** DATUM
          World Geodetic System 1984
** DTMRGN Global Definition
** UNITS
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** ZONE
          11
** ZONEINX 0
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL-TR 2029\MVMALL-TR 2029.ADI
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  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL MVMALL-TR 2029.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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SO STARTING
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** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC SR60 EB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00215
** VERTICAL DIMENSION = 5.44
** SZINIT = 2.53
** NODES = 5
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** 475207.207, 3755613.920, 503.48, 2.72, 6.98
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\*\* 476529.628, 3755625.490, 502.55, 2.72, 6.98

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                      VOLUME
                                476433.011 3755623.963 502.09
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  LOCATION L0003781
                       VOLUME
  LOCATION L0003782
                       VOLUME
                                476493.004 3755624.911 502.21
                       VOLUME 476508.002 3755625.148 502.25
  LOCATION L0003783
                       VOLUME 476523.000 3755625.385 502.29
  LOCATION L0003784
** END OF LINE VOLUME SOURCE ID = SLINE1
** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC SR60 WB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00215
** VERTICAL DIMENSION = 5.44
** SZINIT = 2.53
** NODES = 6
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** 475281.257, 3755627.627, 504.24, 2.72, 6.98
** 475150.081, 3755641.624, 504.48, 2.72, 6.98
** 474214.689, 3755839.012, 498.76, 2.72, 6.98
** 473519.117, 3755983.579, 485.89, 2.72, 6.98
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  LOCATION L0003791
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  LOCATION L0003793
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                       VOLUME
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  LOCATION L0003807
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LOCATION L0003884
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LOCATION L0003915
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LOCATION L0003917
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LOCATION L0003918
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LOCATION L0003919
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LOCATION L0003920
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LOCATION L0003947
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LOCATION L0003955
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LOCATION L0003976	VOLUME	473682.314	3755949.660	492.48
LOCATION L0003977	VOLUME	473667.628	3755952.713	491.90
LOCATION L0003978	VOLUME	473652.942	3755955.765	491.29
LOCATION L0003979	VOLUME	473638.256	3755958.817	490.91
LOCATION L0003980	VOLUME	473623.570	3755961.870	490.51
LOCATION L0003981	VOLUME	473608.884	3755964.922	489.61
LOCATION L0003982	VOLUME	473594.198	3755967.975	488.62
LOCATION L0003983	VOLUME	473579.511	3755971.027	487.86
LOCATION L0003984	VOLUME	473564.825	3755974.079	487.24
LOCATION L0003985	VOLUME	473550.139	3755977.132	486.77
LOCATION L0003986	VOLUME	473535.453	3755980.184	486.30
LOCATION L0003987	VOLUME	473520.767	3755983.236	485.87
END OF LINE VOLUME	SOURCE ID =	SLINE2		

- \*\* END OF LINE VOLUME SOURCE ID = SLINE2
- \*\* SOURCE PARAMETERS \*\*
- \*\* LINE VOLUME SOURCE ID = SLINE1

SRCPARAM	L0003582	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003583	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003584	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003585	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003586	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003587	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003588	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003589	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003590	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003591	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003592	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003593	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003597	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003598	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003599	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003600	0.0000105911	2.72	6.98	2.53

SRCPARAM	L0003601	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003612	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003613	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003614	0.0000105911	2.72	6.98	2.53
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			2.72		2.53
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	L0003633	0.0000105911	2.72	6.98	2.53
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	L0003636	0.0000105911	2.72	6.98	2.53
	L0003637	0.0000105911	2.72	6.98	2.53
	L0003638	0.0000105911	2.72	6.98	2.53
	L0003639	0.0000105911	2.72	6.98	2.53
	L0003640	0.0000105911	2.72	6.98	2.53
	L0003641	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003659	0.0000105911	2.72	6.98	2.53
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	L0003665	0.0000105911	2.72	6.98	2.53
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	L0003679	0.0000105911	2.72	6.98	2.53
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	L0003697	0.0000105911	2.72	6.98	2.53
	L0003698	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003705	0.0000105911	2.72	6.98	2.53
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	L0003719	0.0000105911	2.72	6.98	2.53
	L0003720	0.0000105911	2.72	6.98	2.53
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	L0003730	0.0000105911	2.72	6.98	2.53
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	L0003749	0.0000105911	2.72	6.98	2.53
JICI ANAM	L0003/30	0.0000103711	2.12	0.70	در. ے

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	SRCPARAM	L0003754	0.0000105911	2.72	6.98	2.53
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	SRCPARAM	L0003756	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003757	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003758	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003759	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003760	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003761	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003762	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003763	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003764	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003765	0.0000105911		6.98	2.53
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	SRCPARAM	L0003768	0.0000105911	2.72	6.98	2.53
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	SRCPARAM	L0003770	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003771	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003772	0.0000105911	2.72	6.98	2.53
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	SRCPARAM	L0003775	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003776	0.0000105911	2.72	6.98	2.53
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	SRCPARAM		0.0000105911	2.72	6.98	2.53
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ጥ		ME SOURCE ID		2 72	6.00	2 52
	SRCPARAM I		0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003801	0.0000105911	2.72	6.98	2.53
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JICI ANAM	L0003040	0.0000103711	Z•12	0.00	در. ے

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SRCPARAM	L0003880	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003892	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003896	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003897	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003898	0.0000105911	2.72	6.98	2.53

SRCPARAM	L0003899	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003910	0.0000105911	2.72	6.98	2.53
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SRCPARAM	L0003915	0.0000105911	2.72	6.98	2.53
	L0003916	0.0000105911	2.72	6.98	2.53
	L0003917	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003918	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003919	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003920	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003921	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003922	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003923	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003924	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003925	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003926	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003927	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003928	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003929	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003930	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003931	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003932	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003933	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003934	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003935	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003936	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003937	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003938	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003939	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003940	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003941	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003942	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003943	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003944	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003945	0.0000105911	2.72	6.98	2.53
	L0003946	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003947	0.0000105911	2.72	6.98	2.53
SRCPARAM	L0003948	0.0000105911	2.72	6.98	2.53

	SRCPARAM	L0003949	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003950	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003951	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003952		2.72	6.98	2.53
	SRCPARAM	L0003953	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003954	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003955	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003956	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003957			6.98	2.53
	SRCPARAM	L0003958	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003959	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003960	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003961	0.0000105911		6.98	2.53
		L0003962	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003963	0.0000105911		6.98	2.53
		L0003964	0.0000105911		6.98	2.53
	SRCPARAM	L0003965	0.0000105911	2.72	6.98	2.53
		L0003966	0.0000105911	2.72	6.98	2.53
		L0003967			6.98	2.53
	SRCPARAM	L0003968	0.0000105911		6.98	2.53
		L0003969	0.0000105911		6.98	2.53
		L0003970			6.98	2.53
		L0003971	0.0000105911	2.72	6.98	2.53
		L0003972	0.0000105911	2.72	6.98	2.53
		L0003973	0.0000105911	2.72	6.98	2.53
		L0003974	0.0000105911		6.98	2.53
		L0003975	0.0000105911		6.98	2.53
		L0003976	0.0000105911		6.98	2.53
		L0003977	0.0000105911		6.98	2.53
		L0003978			6.98	2.53
		L0003979			6.98	2.53
		L0003980			6.98	2.53
		L0003981			6.98	2.53
		L0003982			6.98	2.53
		L0003983			6.98	2.53
		L0003984	0.0000105911		6.98	2.53
		L0003985	0.0000105911	2.72	6.98	2.53
	SRCPARAM	L0003986	0.0000105911	2.72	6.98	2.53
			0.0000105911			2.53
**						

URBANSRC ALL SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*\*\*\*\*\*\*

\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*\*\*\*\*\*\*\*

\*\*

\*\*

**RE STARTING** 

```
INCLUDED MVMALL-TR 2029.ROU
RE FINISHED
**************
** AERMOD METEOROLOGY PATHWAY
***********
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR 2029\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR_2029\PERI_V9_ADJU\
  PROFFILE PERI_V9_ADJU\PERI_V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
***********
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
  PLOTFILE
           1 ALL 1ST "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2029\MVMALL-TR_2029.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2029\MVMALL-TR_2029.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL-TR_2029\MVMALL-TR_2029.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
            917
                     MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
            917
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
***********
*** SETUP Finishes Successfully ***
***********
↑ *** AERMOD - VERSION 21112
                                  *** 2029 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                      ***
                                15:58:23
                                PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 406 Source(s),
  for Total of
                  1 Urban Area(s):
  Urban Population =
                       2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
        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 10

and Calculates PERIOD Averages \*\*This Run Includes: 406 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 406 VOLUME source(s) and: and: 0 AREA type source(s) 0 LINE source(s) and: and: 0 RLINE/RLINEXT source(s) and: 0 OPENPIT source(s) 0 BUOYANT LINE source(s) with a total of 0 line(s) and: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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 Base Elev. for Pot. Temp. Profile (m MSL) = 442.00; Decay \*\*Misc. Inputs: Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 Output Units = MICROGRAMS/M\*\*3 \*\*Approximate Storage Requirements of Model = 3.7 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out

1-HR

\*\*Model Calculates 1 Short Term Average(s) of:

\*\*Detailed Error/Message File: MVMALL-TR 2029.ERR

\*\*File for Summary of Results: C:\LAKES\AERMOD

VIEW\MVMALL-TR\_2029\MVMALL-TR\_2029.SUM

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* **15:58:2**3

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TALT		EMISSION RAT	E		BASE	RELEASE	INIT.
		(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	<b>G</b> /11.51	BY	()	()	()	()	()
L0003582 2.53 YES	0	0.10591E-04	473528.1	3755956.8	486.2	2.72	6.98
L0003583	0	0.10591E-04	473542.8	3755953.8	486.7	2.72	6.98
2.53 YES	_						
L0003584 2.53 YES	0	0.10591E-04	473557.5	3755950.8	487.2	2.72	6.98
L0003585	0	0.10591E-04	473572.2	3755947.8	487.7	2.72	6.98
2.53 YES							
L0003586	0	0.10591E-04	473586.9	3755944.7	488.2	2.72	6.98
2.53 YES L0003587	0	0.10591E-04	172601 6	27550/1 7	488.8	2.72	6.98
2.53 YES	V	0.103916-04	4/3001.0	3/33341./	400.0	2.72	0.96
L0003588	0	0.10591E-04	473616.3	3755938.7	489.4	2.72	6.98
2.53 YES							
L0003589	0	0.10591E-04	473631.0	3755935.7	490.0	2.72	6.98
2.53 YES L0003590	0	0.10591E-04	473645.7	3755932.6	490.6	2.72	6.98
2.53 YES	Ü	0.103312 0.	17 50 15 . 7	3,3333 <b>2.</b> 0	130.0	2.,2	0.30
L0003591	0	0.10591E-04	473660.4	3755929.6	491.2	2.72	6.98
2.53 YES			4=24== 4	2===004 4	404 =		4 00
L0003592 2.53 YES	0	0.10591E-04	4/36/5.1	3/55926.6	491.7	2.72	6.98
L0003593	0	0.10591E-04	473689.7	3755923.6	492.2	2.72	6.98
2.53 YES							
L0003594	0	0.10591E-04	473704.4	3755920.5	492.6	2.72	6.98
2.53 YES	0	0 105015 04	472740 4	2755047 5	402.0	2 72	6.00
L0003595 2.53 YES	0	0.10591E-04	4/3/19.1	3/5591/.5	493.0	2.72	6.98
2.33 153							

L0003596	0	0.10591E-04	473733.8 3755914.5	493.5	2.72	6.98
2.53 YES	U	0.103311-04	4/3/33.6 3/33914.3	493.3	2.72	0.98
L0003597	0	0.10591E-04	473748.5 3755911.4	494.0	2.72	6.98
2.53 YES						
L0003598 2.53 YES	0	0.10591E-04	473763.2 3755908.4	494.4	2.72	6.98
L0003599	0	0.10591E-04	473777.9 3755905.4	494.9	2.72	6.98
2.53 YES						
L0003600	0	0.10591E-04	473792.6 3755902.4	495.4	2.72	6.98
2.53 YES	0	0 105015 04	472007 2 2755000 2	405.0	2 72	6.00
L0003601 2.53 YES	0	0.10591E-04	473807.3 3755899.3	495.9	2.72	6.98
L0003602	0	0.10591E-04	473822.0 3755896.3	496.3	2.72	6.98
2.53 YES						
L0003603	0	0.10591E-04	473836.7 3755893.3	496.6	2.72	6.98
2.53 YES	0	0 105015 04	472051 4 2755000 2	406.0	2 72	c 00
L0003604 2.53 YES	0	0.10591E-04	473851.4 3755890.3	496.8	2.72	6.98
L0003605	0	0.10591E-04	473866.0 3755887.2	497.1	2.72	6.98
2.53 YES						
L0003606	0	0.10591E-04	473880.7 3755884.2	497.4	2.72	6.98
2.53 YES	0	0.10591E-04	473895.4 3755881.2	497.9	2.72	6.98
L0003607 2.53 YES	О	0.105916-04	4/3093.4 3/33001.2	437.3	2.72	0.90
L0003608	0	0.10591E-04	473910.1 3755878.2	498.4	2.72	6.98
2.53 YES						
L0003609	0	0.10591E-04	473924.8 3755875.1	498.8	2.72	6.98
2.53 YES L0003610	0	0.10591E-04	473939.5 3755872.1	499.3	2.72	6.98
2.53 YES	Ø	0.103316-04	4/3939.3 3/330/2.1	433.3	2.72	0.96
L0003611	0	0.10591E-04	473954.2 3755869.1	499.7	2.72	6.98
2.53 YES						
L0003612	0	0.10591E-04	473968.9 3755866.0	500.1	2.72	6.98
2.53 YES L0003613	0	0 10591F-04	473983.6 3755863.0	500.5	2.72	6.98
2.53 YES	O	0.103311 04	475565.0 5755665.0	300.3	2.72	0.50
L0003614	0	0.10591E-04	473998.3 3755860.0	500.7	2.72	6.98
2.53 YES						
L0003615 2.53 YES	0	0.10591E-04	474013.0 3755857.0	501.0	2.72	6.98
2.53 YES L0003616	0	0.10591E-04	474027.7 3755853.9	501.2	2.72	6.98
2.53 YES		001000111	.,	50-11-		0.120
L0003617	0	0.10591E-04	474042.3 3755850.9	501.5	2.72	6.98
2.53 YES	•	0.405045.04	474057 0 2755047 0	504.0	2 72	
L0003618 2.53 YES	0	0.10591E-04	474057.0 3755847.9	501.8	2.72	6.98
2.53 YES L0003619	0	0.10591E-04	474071.7 3755844.9	501.9	2.72	6.98
2.53 YES	-				<del>-</del>	
L0003620	0	0.10591E-04	474086.4 3755841.8	502.2	2.72	6.98
2.53 YES						

L0003621 0 0.10591E-04 474101.1 3755838.8 502.3 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

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\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RATI	E		BASE	RELEASE	INIT.
INIT. URBAN E		ON RATE (GRAMS/SEC)	Y	V	FI FV	HETGHT	SV
SZ SOURCE S			Λ	•	LLLV.	11210111	31
ID SOUNCE S			(METERS)	(METERS)	(MFTERS)	(METERS)	(METERS)
(METERS)			(IILILIA)	(IIL I LIKS)	(IILILIA)	(IIETEKS)	(HETEKS)
L0003622	0	0.10591E-04	474115.8	3755835.8	502.5	2.72	6.98
2.53 YES							
L0003623	0	0.10591E-04	474130.5	3755832.8	502.7	2.72	6.98
2.53 YES							
L0003624	0	0.10591E-04	474145.2	3755829.7	502.7	2.72	6.98
2.53 YES							
L0003625	0	0.10591E-04	474159.9	3755826.7	502.7	2.72	6.98
2.53 YES							
L0003626	0	0.10591E-04	474174.6	3755823.7	502.5	2.72	6.98
2.53 YES	_						
L0003627	0	0.10591E-04	474189.3	3755820.6	502.2	2.72	6.98
2.53 YES	_						
L0003628	0	0.10591E-04	4/4204.0	3/5581/.6	499.9	2.72	6.98
2.53 YES	•	0 405045 04	474240 6	2755044.6	400.0	2 72	6.00
L0003629	0	0.10591E-04	4/4218.6	3/55814.6	498.2	2.72	6.98
2.53 YES L0003630	0	0.10591E-04	474222 2	2755011 6	499.1	2.72	6.98
2.53 YES	О	0.105916-04	4/4233.3	3/33811.0	499.1	2.72	0.98
L0003631	0	0.10591E-04	171218 A	2755808 5	500.4	2.72	6.98
2.53 YES	Ð	0.10JJ1L-04	474248.0	3/33006.3	300.4	2.72	0.98
L0003632	0	0.10591E-04	474262 7	3755805 5	502.3	2.72	6.98
2.53 YES	O	0.103311 04	474202.7	3733003.3	302.3	2.72	0.50
L0003633	0	0.10591E-04	474277.4	3755802.5	502.9	2.72	6.98
2.53 YES			.,,, , .	2,2200_0	50215		0.120
L0003634	0	0.10591E-04	474292.1	3755799.5	503.1	2.72	6.98
2.53 YES	-	· • •	· <b>-</b>				- · · <del>-</del>
L0003635	0	0.10591E-04	474306.8	3755796.4	503.0	2.72	6.98
2.53 YES							

L0003636	0	0.10591E-04	474321.5 3755793.4	503.0	2.72	6.98
2.53 YES L0003637	0	0.10591E-04	474336.2 3755790.4	503.0	2.72	6.98
2.53 YES	J		., ., ., ., ., ., ., ., ., ., ., ., ., .			0,120
L0003638	0	0.10591E-04	474350.9 3755787.4	503.0	2.72	6.98
2.53 YES L0003639	0	0.10591E-04	474365.6 3755784.3	503.0	2.72	6.98
2.53 YES	Ø	0.105916-04	4/4303.0 3/33/64.3	303.0	2.72	0.90
L0003640	0	0.10591E-04	474380.2 3755781.3	503.1	2.72	6.98
2.53 YES						
L0003641	0	0.10591E-04	474394.9 3755778.3	503.1	2.72	6.98
2.53 YES L0003642	0	0.10591E-04	474409.6 3755775.3	503.2	2.72	6.98
2.53 YES	Ø	0.105916-04	4/4409.0 3/33//3.3	303.2	2.72	0.90
L0003643	0	0.10591E-04	474424.3 3755772.2	503.2	2.72	6.98
2.53 YES	Ū		.,	50512		
L0003644	0	0.10591E-04	474439.0 3755769.2	503.3	2.72	6.98
2.53 YES						
L0003645	0	0.10591E-04	474453.7 3755766.2	503.3	2.72	6.98
2.53 YES	_					
L0003646	0	0.10591E-04	474468.4 3755763.1	503.3	2.72	6.98
2.53 YES L0003647	0	0.10591E-04	474483.1 3755760.1	503.4	2.72	6.98
2.53 YES	Ø	0.105916-04	4/4403.1 3/33/00.1	303.4	2.72	0.90
L0003648	0	0.10591E-04	474497.8 3755757.1	503.4	2.72	6.98
2.53 YES	J	0.103312 0.	17 1137 10 37 337 37 12	303.1	2.,2	0.30
L0003649	0	0.10591E-04	474512.5 3755754.1	503.4	2.72	6.98
2.53 YES						
L0003650	0	0.10591E-04	474527.2 3755751.0	503.5	2.72	6.98
2.53 YES	_					
L0003651	0	0.10591E-04	474541.9 3755748.0	503.6	2.72	6.98
2.53 YES L0003652	0	0.10591E-04	474556.5 3755745.0	503.7	2.72	6.98
2.53 YES	Ø	0.105916-04	4/4550.5 5/55/45.0	505.7	2.72	0.90
L0003653	0	0.10591E-04	474571.2 3755742.0	503.8	2.72	6.98
2.53 YES	_					
L0003654	0	0.10591E-04	474585.9 3755738.9	503.8	2.72	6.98
2.53 YES						
L0003655	0	0.10591E-04	474600.6 3755735.9	503.8	2.72	6.98
2.53 YES	^	0 105015 04	474645 2 2755722 0	F02 0	2 72	c 00
L0003656 2.53 YES	0	0.10591E-04	474615.3 3755732.9	503.8	2.72	6.98
L0003657	0	0 10591F-01	474630.0 3755729.9	503.9	2.72	6.98
2.53 YES	Ü	0.103312 04	+/+030.0 3/33/23.3	303.3	2.,2	0.50
L0003658	0	0.10591E-04	474644.7 3755726.8	504.1	2.72	6.98
2.53 YES						
L0003659	0	0.10591E-04	474659.4 3755723.8	504.3	2.72	6.98
2.53 YES	_					
L0003660	0	0.10591E-04	474674.1 3755720.8	504.5	2.72	6.98
2.53 YES						

L0003661 0 0.10591E-04 474688.8 3755717.7 504.6 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003662 2.53 YES	0	0.10591E-04	474703.5	3755714.7	504.6	2.72	6.98
L0003663 2.53 YES	0	0.10591E-04	474718.2	3755711.7	504.6	2.72	6.98
L0003664 2.53 YES	0	0.10591E-04	474732.8	3755708.7	504.5	2.72	6.98
L0003665 2.53 YES	0	0.10591E-04	474747.5	3755705.7	504.4	2.72	6.98
L0003666 2.53 YES	0	0.10591E-04	474762.3	3755702.8	504.4	2.72	6.98
L0003667 2.53 YES	0	0.10591E-04	474777.0	3755699.8	504.4	2.72	6.98
L0003668 2.53 YES	0	0.10591E-04	474791.7	3755696.9	504.5	2.72	6.98
L0003669	0	0.10591E-04	474806.4	3755693.9	504.7	2.72	6.98
2.53 YES L0003670	0	0.10591E-04	474821.1	3755691.0	504.8	2.72	6.98
2.53 YES L0003671	0	0.10591E-04	474835.8	3755688.1	504.9	2.72	6.98
2.53 YES L0003672	0	0.10591E-04	474850.5	3755685.1	505.0	2.72	6.98
2.53 YES L0003673	0	0.10591E-04	474865.2	3755682.2	505.0	2.72	6.98
2.53 YES L0003674	0	0.10591E-04	474879.9	3755679.3	505.1	2.72	6.98
2.53 YES L0003675 2.53 YES	0	0.10591E-04	474894.6	3755676.3	505.0	2.72	6.98

L0003676	0	0.10591E-04	474909.4 3755673.4	505.0	2.72	6.98
2.53 YES L0003677	0	0.10591E-04	474924.1 3755670.5	505.0	2.72	6.98
2.53 YES	Ū	0.103311 01	17 132112 37 3307 013	303.0	2.,2	0.30
L0003678	0	0.10591E-04	474938.8 3755667.5	505.0	2.72	6.98
2.53 YES						
L0003679	0	0.10591E-04	474953.5 3755664.6	505.0	2.72	6.98
2.53 YES L0003680	0	0.10591E-04	474968.2 3755661.6	505.1	2.72	6.98
2.53 YES	Ü	0.103311 04	+7+300.2 3733001.0	303.1	2.72	0.50
L0003681	0	0.10591E-04	474982.9 3755658.7	505.1	2.72	6.98
2.53 YES						
L0003682	0	0.10591E-04	474997.6 3755655.8	505.1	2.72	6.98
2.53 YES						
L0003683	0	0.10591E-04	475012.3 3755652.8	505.0	2.72	6.98
2.53 YES L0003684	0	0.10591E-04	475027.0 3755649.9	505.0	2.72	6.98
2.53 YES	О	0.103916-04	4/302/.0 3/33049.9	303.0	2.72	0.90
L0003685	0	0.10591E-04	475041.7 3755647.0	504.9	2.72	6.98
2.53 YES	-					
L0003686	0	0.10591E-04	475056.5 3755644.0	504.8	2.72	6.98
2.53 YES						
L0003687	0	0.10591E-04	475071.2 3755641.1	504.6	2.72	6.98
2.53 YES						
L0003688	0	0.10591E-04	475085.9 3755638.1	504.5	2.72	6.98
2.53 YES L0003689	0	0.10591E-04	475100.6 3755635.2	504.4	2.72	6.98
2.53 YES	V	0.103316-04	4/3100.0 3/33033.2	364.4	2.72	0.36
L0003690	0	0.10591E-04	475115.3 3755632.3	504.4	2.72	6.98
2.53 YES	-					
L0003691	0	0.10591E-04	475130.0 3755629.3	504.3	2.72	6.98
2.53 YES						
L0003692	0	0.10591E-04	475144.7 3755626.4	504.3	2.72	6.98
2.53 YES	0	0 105015 04	475150 4 2755622 5	F04 3	2 72	c 00
L0003693 2.53 YES	0	0.10591E-04	475159.4 3755623.5	504.2	2.72	6.98
L0003694	0	0 10591F-04	475174.1 3755620.5	504.0	2.72	6.98
2.53 YES	Ū	0.103311 04	4/31/4:1 3/33020:3	304.0	2.72	0.50
L0003695	0	0.10591E-04	475188.8 3755617.6	503.9	2.72	6.98
2.53 YES						
L0003696	0	0.10591E-04	475203.5 3755614.7	503.7	2.72	6.98
2.53 YES						
L0003697	0	0.10591E-04	475218.4 3755613.0	503.6	2.72	6.98
2.53 YES	0	0 105015 04	475233.4 3755611.8	503.4	2.72	6.98
L0003698 2.53 YES	Ø	0.10JJ1E-04	4/J2JJ,4 J/JJJII.0	303.4	۷./۷	0.30
L0003699	0	0.10591E-04	475248.3 3755610.5	503.2	2.72	6.98
2.53 YES	-				. –	
L0003700	0	0.10591E-04	475263.3 3755609.3	503.1	2.72	6.98
2.53 YES						

L0003701 0 0.10591E-04 475278.2 3755608.0 503.0 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003702	0	0.10591E-04	475293.2	3755606.8	502.9	2.72	6.98
2.53 YES L0003703	0	0.10591E-04	475308.2	2755606 2	502.9	2.72	6.98
2.53 YES	V	0.105916-04	4/3300.2	3/33000.2	302.9	2.72	0.90
L0003704	0	0.10591E-04	475323.1	3755606.4	502.8	2.72	6.98
2.53 YES							
L0003705	0	0.10591E-04	475338.1	3755606.7	502.8	2.72	6.98
2.53 YES L0003706	0	0.10591E-04	475353.1	3755606 9	502.8	2.72	6.98
2.53 YES	Ü	0.105511 04	47 J J J J J . <b>1</b>	3733000.5	302.0	2.72	0.50
L0003707	0	0.10591E-04	475368.1	3755607.1	502.8	2.72	6.98
2.53 YES							
L0003708	0	0.10591E-04	475383.1	3755607.4	502.9	2.72	6.98
2.53 YES							
L0003709	0	0.10591E-04	475398.1	3755607.6	502.9	2.72	6.98
2.53 YES L0003710	0	0.10591E-04	475413.1	2755607 <b>Q</b>	503.0	2.72	6.98
2.53 YES	Ū	0.10JJ1L-04	4/3413.1	3733067.6	363.6	2.72	0.98
L0003711	0	0.10591E-04	475428.1	3755608.1	503.1	2.72	6.98
2.53 YES							
L0003712	0	0.10591E-04	475443.1	3755608.3	503.2	2.72	6.98
2.53 YES							
L0003713	0	0.10591E-04	475458.1	3755608.6	503.3	2.72	6.98
2.53 YES	•	0 405045 04	475472 4	2755600 0	500 F	2 72	
L0003714	0	0.10591E-04	4/54/3.1	3/55608.8	503.5	2.72	6.98
2.53 YES L0003715	0	0.10591E-04	/75/00 1	2755600 A	503.7	2.72	6.98
2.53 YES	۲)	ひ。エひンジエヒー64	+/J+00.I	J/JJUUJ.U	JUJ./	4.14	ひょうひ

L0003716 2.53 YES	0	0.10591E-04	475503.1 3755609.3	503.9	2.72	6.98
L0003717	0	0.10591E-04	475518.1 3755609.5	504.2	2.72	6.98
2.53 YES						
L0003718	0	0.10591E-04	475533.1 3755609.7	504.4	2.72	6.98
2.53 YES L0003719	0	0.10591E-04	475548.1 3755610.0	504.7	2.72	6.98
2.53 YES	Ū	0.103311 0.	1,7371012 3,73302010	30117	21,2	0.50
L0003720	0	0.10591E-04	475563.1 3755610.2	504.9	2.72	6.98
2.53 YES	•	0 105015 04	475570 4 2755640 5	FOF 1	2 72	
L0003721 2.53 YES	0	0.10591E-04	475578.1 3755610.5	505.1	2.72	6.98
L0003722	0	0.10591E-04	475593.1 3755610.7	505.4	2.72	6.98
2.53 YES	J	0.103312 01	175555.1 5755610.7	303.1	2.,2	0.30
L0003723	0	0.10591E-04	475608.1 3755610.9	505.6	2.72	6.98
2.53 YES						
L0003724	0	0.10591E-04	475623.1 3755611.2	505.9	2.72	6.98
2.53 YES						
L0003725	0	0.10591E-04	475638.1 3755611.4	506.1	2.72	6.98
2.53 YES	•	0 105015 04	475652 4 2755644 6	F06 4	2 72	
L0003726 2.53 YES	0	0.10591E-04	475653.1 3755611.6	506.4	2.72	6.98
L0003727	0	0.10591E-04	475668.1 3755611.9	506.6	2.72	6.98
2.53 YES	U	0.105511-04	4/3008.1 3/33011.3	300.0	2.72	0.50
L0003728	0	0.10591E-04	475683.1 3755612.1	506.8	2.72	6.98
2.53 YES						
L0003729	0	0.10591E-04	475698.1 3755612.3	506.9	2.72	6.98
2.53 YES						
L0003730	0	0.10591E-04	475713.1 3755612.6	507.1	2.72	6.98
2.53 YES	•	0 405045 04	475700 4 2755642 0	F07 3	2 72	
L0003731 2.53 YES	0	0.10591E-04	475728.1 3755612.8	507.3	2.72	6.98
2.53 YES L0003732	0	0.10591E-04	475743.1 3755613.1	507.4	2.72	6.98
2.53 YES	U	0.103311 04	4/3/43.1 3/33013.1	J07. <del>-</del>	2.72	0.50
L0003733	0	0.10591E-04	475758.1 3755613.3	507.5	2.72	6.98
2.53 YES						
L0003734	0	0.10591E-04	475773.1 3755613.5	507.6	2.72	6.98
2.53 YES						
L0003735	0	0.10591E-04	475788.1 3755613.8	507.4	2.72	6.98
2.53 YES	0	0 105015 04	475000 1 0755614 Q	F07 1	2 72	6.98
L0003736 2.53 YES	0	0.105916-04	475803.1 3755614.0	507.1	2.72	0.98
L0003737	0	0.10591F-04	475818.1 3755614.2	505.0	2.72	6.98
2.53 YES	Ū	0.103311 0.	1,701011 3,73701111	303.0		0.50
L0003738	0	0.10591E-04	475833.1 3755614.5	502.8	2.72	6.98
2.53 YES						
L0003739	0	0.10591E-04	475848.1 3755614.7	503.9	2.72	6.98
2.53 YES	^	0.405045.05	475062 4 275545 2	F.O.F 0	2 72	6 66
L0003740	0	0.10591E-04	475863.1 3755615.0	505.2	2.72	6.98
2.53 YES						

L0003741 0 0.10591E-04 475878.1 3755615.2 506.9 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

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\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

SOURCE SOURCE SCALAR VARY  ID (ACTS. (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)  (METERS) BY	TAITT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
ID (METERS)   METERS   (METERS) (METERS) (METERS) (METERS) (METERS)		PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
L0003742	ID			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
2.53 YES L0003743	(METERS)		ВҮ					
2.53 YES L0003743								
2.53 YES L0003743								
L0003743		0	0.10591E-04	475893.1	3755615.4	507.4	2.72	6.98
2.53 YES L0003744 2.53 YES L0003745 0 0.10591E-04 475938.1 3755615.9 507.2 2.72 6.98 2.53 YES L0003746 2.53 YES L0003746 0 0.10591E-04 475953.1 3755616.1 507.1 2.72 6.98 2.53 YES L0003747 0 0.10591E-04 475968.1 3755616.6 506.7 2.72 6.98 2.53 YES L0003748 0 0.10591E-04 475983.1 3755616.6 506.7 2.72 6.98 2.53 YES L0003749 0 0.10591E-04 475998.1 3755616.9 506.4 2.72 6.98 2.53 YES L0003750 0 0.10591E-04 476013.1 3755617.1 506.2 2.72 6.98 2.53 YES L0003751 0 0.10591E-04 476028.1 3755617.6 505.6 2.72 6.98 2.53 YES L0003752 0 0.10591E-04 476043.1 3755617.8 505.4 2.72 6.98 2.53 YES L0003752 0 0.10591E-04 476043.1 3755618.0 505.1 2.72 6.98 2.53 YES L0003753 0 0.10591E-04 476058.1 3755618.0 505.1 2.72 6.98 2.53 YES L0003754 0 0.10591E-04 476073.1 3755618.3 504.8 2.72 6.98 2.53 YES L0003754 0 0.10591E-04 476073.1 3755618.3 504.8 2.72 6.98 2.53 YES L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98		0	0 105015 04	475000 1	2755645 7	F07 2	2 72	6.00
L0003744		0	0.10591E-04	4/5908.1	3/55615./	507.3	2.72	6.98
2.53 YES L0003745		a	0 10501E_0/	<i>1</i> 75022 1	2755615 0	507 2	2 72	6 08
L0003745		U	0.10JJ1L-04	4/3923.1	3/33013.9	307.2	2.72	0.98
2.53 YES L0003746		9	0.10591F-04	475938.1	3755616.1	507.1	2.72	6.98
L0003746		Ū	0.103311 0.	1,3330.1	3,3302012	30,12	_,,_	0.50
2.53 YES L0003747		0	0.10591E-04	475953.1	3755616.4	506.9	2.72	6.98
2.53 YES L0003748	2.53 YES							
L0003748	L0003747	0	0.10591E-04	475968.1	3755616.6	506.7	2.72	6.98
2.53 YES L0003749	2.53 YES							
L0003749	L0003748	0	0.10591E-04	475983.1	3755616.9	506.4	2.72	6.98
2.53 YES L0003750	2.53 YES							
L0003750 0 0.10591E-04 476013.1 3755617.3 505.9 2.72 6.98 2.53 YES L0003751 0 0.10591E-04 476028.1 3755617.6 505.6 2.72 6.98 2.53 YES L0003752 0 0.10591E-04 476043.1 3755617.8 505.4 2.72 6.98 2.53 YES L0003753 0 0.10591E-04 476058.1 3755618.0 505.1 2.72 6.98 2.53 YES L0003754 0 0.10591E-04 476073.1 3755618.3 504.8 2.72 6.98 2.53 YES L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98	L0003749	0	0.10591E-04	475998.1	3755617.1	506.2	2.72	6.98
2.53 YES L0003751								
L0003751 0 0.10591E-04 476028.1 3755617.6 505.6 2.72 6.98  2.53 YES  L0003752 0 0.10591E-04 476043.1 3755617.8 505.4 2.72 6.98  2.53 YES  L0003753 0 0.10591E-04 476058.1 3755618.0 505.1 2.72 6.98  2.53 YES  L0003754 0 0.10591E-04 476073.1 3755618.3 504.8 2.72 6.98  2.53 YES  L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98		0	0.10591E-04	476013.1	3755617.3	505.9	2.72	6.98
2.53 YES L0003752								
L0003752		0	0.10591E-04	476028.1	3755617.6	505.6	2.72	6.98
2.53 YES L0003753		_						
L0003753		0	0.10591E-04	476043.1	3755617.8	505.4	2.72	6.98
2.53 YES L0003754 0 0.10591E-04 476073.1 3755618.3 504.8 2.72 6.98 2.53 YES L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98		•	0 405045 04	476050 4	2755640 0	505.4	2 72	6.00
L0003754 0 0.10591E-04 476073.1 3755618.3 504.8 2.72 6.98 2.53 YES L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98		0	0.10591E-04	4/6058.1	3/55618.0	505.1	2.72	6.98
2.53 YES L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98		0	0 105015 04	476072 1	2755640 2	F04 0	2 72	6.00
L0003755 0 0.10591E-04 476088.1 3755618.5 504.5 2.72 6.98		И	0.10591E-04	4/60/3.1	3/35618.3	504.8	2.72	6.98
		Ω	0 10E01E 04	176000 1	2755 <i>6</i> 10 5	EQ4 E	2 72	6 00
2 53 VFC	2.53 YES	v	0.10JJ1E-04	4/0000.1	2,010CC	34.3	۷./۷	0.30

L0003756	0	0.10591E-04	476103.1 3755618.7	504.3	2.72	6.98
2.53 YES L0003757	0	0.10591E-04	476118.1 3755619.0	504.0	2.72	6.98
2.53 YES	J	0.103311 04	470110.1 3733013.0	304.0	2.72	0.30
L0003758	0	0.10591E-04	476133.0 3755619.2	503.7	2.72	6.98
2.53 YES						
L0003759	0	0.10591E-04	476148.0 3755619.5	503.4	2.72	6.98
2.53 YES L0003760	0	0.10591E-04	476163.0 3755619.7	503.1	2.72	6.98
2.53 YES	Ø	0.103916-04	4/0103.0 3/33019./	303.1	2.72	0.90
L0003761	0	0.10591E-04	476178.0 3755619.9	502.9	2.72	6.98
2.53 YES						
L0003762	0	0.10591E-04	476193.0 3755620.2	502.6	2.72	6.98
2.53 YES						
L0003763	0	0.10591E-04	476208.0 3755620.4	502.4	2.72	6.98
2.53 YES	0	0 105015 04	476222 0 2755620 6	F02 2	2 72	6.00
L0003764 2.53 YES	0	0.10591E-04	476223.0 3755620.6	502.2	2.72	6.98
L0003765	0	0.10591E-04	476238.0 3755620.9	502.1	2.72	6.98
2.53 YES	O	0.103311 04	470230.0 3733020.3	502.1	2.72	0.50
L0003766	0	0.10591E-04	476253.0 3755621.1	502.0	2.72	6.98
2.53 YES						
L0003767	0	0.10591E-04	476268.0 3755621.4	501.9	2.72	6.98
2.53 YES						
L0003768	0	0.10591E-04	476283.0 3755621.6	501.9	2.72	6.98
2.53 YES	0	0 105015 04	476200 A 2755621 O	FQ1 0	2 72	6 00
L0003769 2.53 YES	0	0.10591E-04	476298.0 3755621.8	501.8	2.72	6.98
L0003770	0	0.10591E-04	476313.0 3755622.1	501.9	2.72	6.98
2.53 YES	Ū	01103311 0.	1,032310 3,3302212	30213	_,,_	0.50
L0003771	0	0.10591E-04	476328.0 3755622.3	501.9	2.72	6.98
2.53 YES						
L0003772	0	0.10591E-04	476343.0 3755622.5	502.0	2.72	6.98
2.53 YES	0	0 405045 04	476250 0 2755622 0	F02 0	2 72	6.00
L0003773 2.53 YES	0	0.10591E-04	476358.0 3755622.8	502.0	2.72	6.98
L0003774	0	0 10591F-04	476373.0 3755623.0	502.1	2.72	6.98
2.53 YES	J	0.103311 04	+70373.0 3733023.0	302.1	2.72	0.50
L0003775	0	0.10591E-04	476388.0 3755623.3	502.1	2.72	6.98
2.53 YES						
L0003776	0	0.10591E-04	476403.0 3755623.5	502.1	2.72	6.98
2.53 YES	_					
L0003777	0	0.10591E-04	476418.0 3755623.7	502.1	2.72	6.98
2.53 YES L0003778	0	0 10501E_0/	476433.0 3755624.0	502.1	2.72	6.98
2.53 YES	Ð	0.10JJ1L-04	T/UTJJ.0 J/JJ024.0	702.1	2.12	0.90
L0003779	0	0.10591E-04	476448.0 3755624.2	502.1	2.72	6.98
2.53 YES						
L0003780	0	0.10591E-04	476463.0 3755624.4	502.1	2.72	6.98
2.53 YES						

L0003781 0 0.10591E-04 476478.0 3755624.7 502.2 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TNIT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE SZ SOURCE	PART.	ON RATE (GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
·							
L0003782	0	0.10591E-04	476493.0	3755624.9	502.2	2.72	6.98
2.53 YES	•	0 405045 04	476500 0	2755625 4	F00 0	2 72	c 00
L0003783	0	0.10591E-04	4/6508.0	3755625.1	502.2	2.72	6.98
2.53 YES L0003784	0	0.10591E-04	476523.0	3755625.4	502.3	2.72	6.98
2.53 YES	Ü	0.103311 01	170323.0	3,33023.	302.3	2.,2	0.30
L0003785	0	0.10591E-04	476514.3	3755644.4	502.5	2.72	6.98
2.53 YES							
L0003786	0	0.10591E-04	476499.3	3755644.1	502.4	2.72	6.98
2.53 YES							
L0003787	0	0.10591E-04	476484.3	3755643.8	502.4	2.72	6.98
2.53 YES	_						
L0003788	0	0.10591E-04	4/6469.3	3755643.5	502.4	2.72	6.98
2.53 YES L0003789	0	0.10591E-04	476454 2	3755643.2	EQ2 2	2.72	6.98
2.53 YES	О	0.105916-04	4/6454.5	3/33043.2	502.3	2.72	0.98
L0003790	0	0.10591E-04	476439.3	3755642.9	502.3	2.72	6.98
2.53 YES	Ü	0.103311 01	170133.3	3,330 12.3	302.3	2.,2	0.30
L0003791	0	0.10591E-04	476424.3	3755642.6	502.3	2.72	6.98
2.53 YES							
L0003792	0	0.10591E-04	476409.3	3755642.3	502.4	2.72	6.98
2.53 YES							
L0003793	0	0.10591E-04	476394.3	3755642.1	502.4	2.72	6.98
2.53 YES							
L0003794	0	0.10591E-04	476379.3	3755641.8	502.4	2.72	6.98
2.53 YES	0	0 105015 04	476264 2	2755644 5	F02 4	2 72	6.00
L0003795	0	0.10591E-04	4/6364.3	3/55641.5	502.4	2.72	6.98
2.53 YES							

L0003796	0	0.10591E-04	476349.3 3755641.2	502.4	2.72	6.98
2.53 YES L0003797	0	0.10591E-04	476334.3 3755640.9	502.2	2.72	6.98
2.53 YES						
L0003798 2.53 YES	0	0.10591E-04	476319.3 3755640.6	502.1	2.72	6.98
L0003799	0	0.10591E-04	476304.3 3755640.3	502.0	2.72	6.98
2.53 YES						
L0003800	0	0.10591E-04	476289.3 3755640.0	502.0	2.72	6.98
2.53 YES L0003801	0	0.10591E-04	476274.3 3755639.7	502.0	2.72	6.98
2.53 YES						
L0003802	0	0.10591E-04	476259.3 3755639.4	502.1	2.72	6.98
2.53 YES	•	0 105015 04	476244 2 2755620 4	E02 4	2 72	6.00
L0003803 2.53 YES	0	0.10591E-04	476244.3 3755639.1	502.1	2.72	6.98
L0003804	0	0.10591E-04	476229.3 3755638.8	502.2	2.72	6.98
2.53 YES	_					
L0003805	0	0.10591E-04	476214.3 3755638.5	502.4	2.72	6.98
2.53 YES	•	0 105015 04	476400 2 2755620 2	502 F	2 72	6.00
L0003806 2.53 YES	0	0.10591E-04	476199.3 3755638.3	502.5	2.72	6.98
L0003807	0	0.10591E-04	476184.3 3755638.0	502.7	2.72	6.98
2.53 YES	_					
L0003808	0	0.10591E-04	476169.4 3755637.7	502.9	2.72	6.98
2.53 YES	_	0 105015 01				
L0003809 2.53 YES	0	0.10591E-04	476154.4 3755637.4	503.2	2.72	6.98
L0003810	0	0.10591E-04	476139.4 3755637.1	503.4	2.72	6.98
2.53 YES	J		., 0_0, 1, 0, 0, 0, 0, 1, 1			
L0003811	0	0.10591E-04	476124.4 3755636.8	503.7	2.72	6.98
2.53 YES	_	0 105015 01				
L0003812 2.53 YES	0	0.10591E-04	476109.4 3755636.5	504.0	2.72	6.98
L0003813	0	0.10591E-04	476094.4 3755636.2	504.2	2.72	6.98
2.53 YES						
L0003814	0	0.10591E-04	476079.4 3755635.9	504.5	2.72	6.98
2.53 YES	•	0.405045.04	476064 4 2755625 6	504.0	2 72	
L0003815 2.53 YES	0	0.10591E-04	476064.4 3755635.6	504.8	2.72	6.98
L0003816	0	0.10591E-04	476049.4 3755635.3	505.2	2.72	6.98
2.53 YES						
L0003817	0	0.10591E-04	476034.4 3755635.0	505.5	2.72	6.98
2.53 YES	_	0 105015 04	476010 4 2755624 0	F0F 0	2 72	6.00
L0003818 2.53 YES	0	0.10591E-04	476019.4 3755634.8	505.8	2.72	6.98
L0003819	0	0.10591E-04	476004.4 3755634.5	506.1	2.72	6.98
2.53 YES	-					
L0003820	0	0.10591E-04	475989.4 3755634.2	506.4	2.72	6.98
2.53 YES						

L0003821 0 0.10591E-04 475974.4 3755633.9 506.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	<b></b>						
L0003822	0	0.10591E-04	475959.4	3755633.6	506.9	2.72	6.98
2.53 YES	•	0 405045 04	475044 4	2755622	<b>506.0</b>	2 72	6.00
L0003823 2.53 YES	0	0.10591E-04	4/5944.4	3755633.3	506.9	2.72	6.98
L0003824	0	0.10591E-04	475929.4	3755633.0	506.9	2.72	6.98
2.53 YES	-						
L0003825	0	0.10591E-04	475914.4	3755632.7	506.7	2.72	6.98
2.53 YES	0	0 105015 04	475000 4	2755622 4	F0C 7	2 72	6.00
L0003826 2.53 YES	0	0.10591E-04	4/5899.4	3755632.4	506.7	2.72	6.98
L0003827	0	0.10591E-04	475884.4	3755632.1	506.6	2.72	6.98
2.53 YES							
L0003828	0	0.10591E-04	475869.4	3755631.8	505.2	2.72	6.98
2.53 YES	•	0 405045 04	475054 4	2755624 5	<b>503.0</b>	2 72	6.00
L0003829 2.53 YES	0	0.10591E-04	475854.4	3/55631.5	503.9	2.72	6.98
L0003830	0	0.10591E-04	475839.4	3755631.2	503.0	2.72	6.98
2.53 YES							
L0003831	0	0.10591E-04	475824.4	3755631.0	503.5	2.72	6.98
2.53 YES	•	0 405045 04	475000 4	2755620 7	505.3	2 72	
L0003832 2.53 YES	0	0.10591E-04	4/5809.4	3755630.7	505.3	2.72	6.98
L0003833	0	0.10591E-04	475794.4	3755630.4	505.9	2.72	6.98
2.53 YES							
L0003834	0	0.10591E-04	475779.4	3755630.1	506.1	2.72	6.98
2.53 YES	•	0.405015.05	475764	2755622	F0.1.1	2 =2	6.65
L0003835	0	0.10591E-04	475764.4	3/55629.8	506.1	2.72	6.98
2.53 YES							

L0003836	0	0.10591E-04	475749.4 3755629.5	506.0	2.72	6.98
2.53 YES	•	0 105015 01	475724 4 2755622 2	506.0	2 72	
L0003837 2.53 YES	0	0.10591E-04	475734.4 3755629.2	506.0	2.72	6.98
L0003838 2.53 YES	0	0.10591E-04	475719.4 3755628.9	505.9	2.72	6.98
L0003839 2.53 YES	0	0.10591E-04	475704.4 3755628.6	505.9	2.72	6.98
L0003840 2.53 YES	0	0.10591E-04	475689.4 3755628.3	505.9	2.72	6.98
L0003841	0	0.10591E-04	475674.4 3755628.0	505.8	2.72	6.98
2.53 YES L0003842	0	0.10591E-04	475659.5 3755627.7	505.9	2.72	6.98
2.53 YES L0003843	0	0.10591E-04	475644.5 3755627.4	505.8	2.72	6.98
2.53 YES L0003844	0	0.10591E-04	475629.5 3755627.2	505.8	2.72	6.98
2.53 YES L0003845	0	0.10591E-04	475614.5 3755626.9	505.6	2.72	6.98
2.53 YES L0003846	0	0.10591E-04	475599.5 3755626.6	505.5	2.72	6.98
2.53 YES L0003847	0	0.10591E-04	475584.5 3755626.3	505.3	2.72	6.98
2.53 YES L0003848	0	0.10591E-04	475569.5 3755626.0	505.1	2.72	6.98
2.53 YES L0003849	0	0.10591E-04	475554.5 3755625.7	504.9	2.72	6.98
2.53 YES L0003850	0	0.10591E-04	475539.5 3755625.4	504.7	2.72	6.98
2.53 YES L0003851	0	0.10591E-04	475524.5 3755625.1	504.4	2.72	6.98
2.53 YES L0003852	0	0.10591E-04	475509.5 3755624.8	504.2	2.72	6.98
2.53 YES L0003853	0	0.10591E-04	475494.5 3755624.5	504.0	2.72	6.98
2.53 YES L0003854	0	0.10591E-04	475479.5 3755624.2	503.9	2.72	6.98
2.53 YES L0003855	0	0.10591E-04	475464.5 3755623.9	503.8	2.72	6.98
2.53 YES L0003856	0	0.10591E-04	475449.5 3755623.6	503.7	2.72	6.98
2.53 YES L0003857	0	0.10591E-04	475434.5 3755623.4	503.6	2.72	6.98
2.53 YES L0003858	0	0.10591E-04	475419.5 3755623.1	503.6	2.72	6.98
2.53 YES L0003859	0	0.10591E-04	475404.5 3755622.8	503.5	2.72	6.98
2.53 YES L0003860 2.53 YES	0	0.10591E-04	475389.5 3755623.4	503.6	2.72	6.98

L0003861 0 0.10591E-04 475374.5 3755624.0 503.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
			<b></b>				
L0003862	0	0.10591E-04	475359.5	3755624.6	503.6	2.72	6.98
2.53 YES							
L0003863	0	0.10591E-04	475344.5	3755625.2	503.7	2.72	6.98
2.53 YES L0003864	0	0.10591E-04	475220 <i>6</i>	3755625.7	503.8	2.72	6.98
2.53 YES	Ø	0.103916-04	4/3323.0	3/33023./	303.0	2.72	0.98
L0003865	0	0.10591E-04	475314.6	3755626.3	503.8	2.72	6.98
2.53 YES							
L0003866	0	0.10591E-04	475299.6	3755626.9	503.9	2.72	6.98
2.53 YES	_						
L0003867	0	0.10591E-04	475284.6	3755627.5	503.9	2.72	6.98
2.53 YES L0003868	0	0.10591E-04	475260 7	3755628.9	504.0	2.72	6.98
2.53 YES	Ø	0.103916-04	4/3209./	3/33020.3	304.0	2.72	0.98
L0003869	0	0.10591E-04	475254.7	3755630.5	504.1	2.72	6.98
2.53 YES							
L0003870	0	0.10591E-04	475239.8	3755632.0	504.1	2.72	6.98
2.53 YES	_						
L0003871	0	0.10591E-04	475224.9	3755633.6	504.2	2.72	6.98
2.53 YES L0003872	0	0.10591E-04	175210 O	3755635.2	504.2	2.72	6.98
2.53 YES	U	0.10J91L-04	473210.0	3/33033.2	304.2	2.72	0.98
L0003873	0	0.10591E-04	475195.1	3755636.8	504.3	2.72	6.98
2.53 YES							
L0003874	0	0.10591E-04	475180.2	3755638.4	504.4	2.72	6.98
2.53 YES	_					<b>-</b>	
L0003875	0	0.10591E-04	475165.3	3755640.0	504.4	2.72	6.98
2.53 YES							

LORDON							
L0003877		0	0.10591E-04	475150.3 3755641.6	504.5	2.72	6.98
L0003878		0	0.10591E-04	475135.7 3755644.7	504.6	2.72	6.98
2.53   YES							
L0003879		0	0.10591E-04	475121.0 3755647.8	504.7	2.72	6.98
2.53 YES L0003881		0	0.10591E-04	475106.3 3755650.9	504.9	2.72	6.98
2.53   YES	2.53 YES						
L0003881 0 0.10591E-04 475076.9 3755657.1 505.2 2.72 6.98 2.53 YES L0003882 0 0.10591E-04 475062.3 3755660.2 505.3 2.72 6.98 2.53 YES L0003883 0 0.10591E-04 475047.6 3755663.3 505.3 2.72 6.98 2.53 YES L0003884 0 0.10591E-04 475032.9 3755666.3 505.4 2.72 6.98 2.53 YES L0003885 0 0.10591E-04 475018.2 3755666.3 505.4 2.72 6.98 2.53 YES L0003886 0 0.10591E-04 475032.9 3755666.3 505.4 2.72 6.98 2.53 YES L0003887 0 0.10591E-04 475032.9 3755669.4 505.5 2.72 6.98 2.53 YES L0003887 0 0.10591E-04 474988.9 3755672.5 505.5 2.72 6.98 2.53 YES L0003889 0 0.10591E-04 474974.2 3755678.7 505.7 2.72 6.98 2.53 YES L0003890 0 0.10591E-04 474959.5 3755681.8 505.8 2.72 6.98 2.53 YES L0003890 0 0.10591E-04 474944.9 3755684.9 505.9 2.72 6.98 2.53 YES L0003891 0 0.10591E-04 474944.9 3755684.9 505.9 2.72 6.98 2.53 YES L0003892 0 0.10591E-04 474944.9 3755684.9 505.9 2.72 6.98 2.53 YES L0003893 0 0.10591E-04 474900.8 3755691.1 506.2 2.72 6.98 2.53 YES L0003893 0 0.10591E-04 474900.8 3755694.2 506.2 2.72 6.98 2.53 YES L0003894 0 0.10591E-04 474886.1 3755697.3 506.2 2.72 6.98 2.53 YES L0003895 0 0.10591E-04 474886.1 3755697.3 506.2 2.72 6.98 2.53 YES L0003896 0 0.10591E-04 474886.1 3755697.3 506.2 2.72 6.98 2.53 YES L0003897 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003898 0 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003898 0 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003898 0 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003898 0 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003898 0 0 0.10591E-04 474821.3 3755709.7 506.0 2.72 6.98 2.53 YES L0003898 0 0 0.10591E-04 474821.3 3755709.7 506.0 2.72 6.98 2.53 YES L0003899 0 0 0.10591E-04 474812.8 3755715.9 506.1 2.72 6.98 2.53 YES L0003890 0 0 0.10591E-04 474821.3 3755715.9 506.1 2.72 6.98 2.53 YES L0003809 0 0 0.10591E-04 474821.3 3755715.9 506.1 2.72 6.98		0	0.10591E-04	475091.6 3755654.0	505.0	2.72	6.98
2.53   YES		a	0.10591F-04	475076.9 3755657.1	505.2	2.72	6.98
2.53 YES					2021		0,120
L0003883 YES L0003884		0	0.10591E-04	475062.3 3755660.2	505.3	2.72	6.98
2.53   YES		0	0 105015 04	475047 ( )7556() )	FOF 3	2 72	6 00
L0003884		0	0.10591E-04	4/504/.6 3/55663.3	505.3	2.72	6.98
L0003885		0	0.10591E-04	475032.9 3755666.3	505.4	2.72	6.98
2.53 YES L0003886	2.53 YES						
L0003886		0	0.10591E-04	475018.2 3755669.4	505.5	2.72	6.98
2.53 YES L0003887		а	0 10591F-04	475003 6 3755672 5	505 5	2 72	6 98
2.53 YES L0003888		O	0.103311-04	475005.0 5755072.5	303.3	2.72	0.56
L0003888	L0003887	0	0.10591E-04	474988.9 3755675.6	505.6	2.72	6.98
2.53 YES L0003889 0 0.10591E-04 474959.5 3755681.8 505.8 2.72 6.98 2.53 YES L0003890 0 0.10591E-04 474944.9 3755684.9 505.9 2.72 6.98 2.53 YES L0003891 0 0.10591E-04 474930.2 3755688.0 506.1 2.72 6.98 2.53 YES L0003892 0 0.10591E-04 474915.5 3755691.1 506.2 2.72 6.98 2.53 YES L0003893 0 0.10591E-04 474900.8 3755694.2 506.2 2.72 6.98 2.53 YES L0003894 0 0.10591E-04 474886.1 3755697.3 506.2 2.72 6.98 2.53 YES L0003895 0 0.10591E-04 474871.5 3755700.4 506.2 2.72 6.98 2.53 YES L0003896 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003897 0 0.10591E-04 474842.1 3755706.6 506.0 2.72 6.98 2.53 YES L0003898 0 0.10591E-04 474827.4 3755709.7 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003900 0 0.10591E-04 474898.1 3755715.9 506.1 2.72 6.98				4-40-4 0 04-0 -			4 00
L0003889 0 0.10591E-04 474959.5 3755681.8 505.8 2.72 6.98 2.53 YES L0003891 0 0.10591E-04 474944.9 3755684.9 505.9 2.72 6.98 2.53 YES L0003891 0 0.10591E-04 474930.2 3755688.0 506.1 2.72 6.98 2.53 YES L0003892 0 0.10591E-04 474915.5 3755691.1 506.2 2.72 6.98 2.53 YES L0003893 0 0.10591E-04 474900.8 3755694.2 506.2 2.72 6.98 2.53 YES L0003894 0 0.10591E-04 474886.1 3755697.3 506.2 2.72 6.98 2.53 YES L0003895 0 0.10591E-04 474871.5 3755700.4 506.2 2.72 6.98 2.53 YES L0003896 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003897 0 0.10591E-04 474842.1 3755706.6 506.0 2.72 6.98 2.53 YES L0003897 0 0.10591E-04 474842.1 3755706.6 506.0 2.72 6.98 2.53 YES L0003898 0 0.10591E-04 474827.4 3755709.7 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98		0	0.10591E-04	4/49/4.2 3/556/8./	505./	2.72	6.98
2.53 YES L0003890		0	0.10591E-04	474959.5 3755681.8	505.8	2.72	6.98
2.53 YES L0003891							0,120
L0003891		0	0.10591E-04	474944.9 3755684.9	505.9	2.72	6.98
2.53 YES L0003892		0	0 105015 04	474020 2 27FF600 0	FOC 1	2 72	6 09
L0003892		0	0.105916-04	4/4930.2 3/33088.0	300.1	2.72	0.98
L0003893		0	0.10591E-04	474915.5 3755691.1	506.2	2.72	6.98
2.53 YES L0003894							
L0003894		0	0.10591E-04	474900.8 3755694.2	506.2	2.72	6.98
2.53 YES L0003895		0	0.10591F-04	474886.1 3755697.3	506.2	2.72	6.98
2.53 YES L0003896					5001-		0,120
L0003896 0 0.10591E-04 474856.8 3755703.5 506.1 2.72 6.98 2.53 YES L0003897 0 0.10591E-04 474842.1 3755706.6 506.0 2.72 6.98 2.53 YES L0003898 0 0.10591E-04 474827.4 3755709.7 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003900 0 0.10591E-04 474798.1 3755715.9 506.1 2.72 6.98		0	0.10591E-04	474871.5 3755700.4	506.2	2.72	6.98
2.53 YES L0003897		a	0 105015 04	4740E6 0 27EE702 E	EQC 1	2 72	6 00
L0003897 0 0.10591E-04 474842.1 3755706.6 506.0 2.72 6.98 2.53 YES L0003898 0 0.10591E-04 474827.4 3755709.7 506.0 2.72 6.98 2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003900 0 0.10591E-04 474798.1 3755715.9 506.1 2.72 6.98		0	0.105916-04	4/4000.0 3/00/03.0	300.1	2.72	0.98
L0003898		0	0.10591E-04	474842.1 3755706.6	506.0	2.72	6.98
2.53 YES L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003900 0 0.10591E-04 474798.1 3755715.9 506.1 2.72 6.98	2.53 YES						
L0003899 0 0.10591E-04 474812.8 3755712.8 506.0 2.72 6.98 2.53 YES L0003900 0 0.10591E-04 474798.1 3755715.9 506.1 2.72 6.98		0	0.10591E-04	474827.4 3755709.7	506.0	2.72	6.98
2.53 YES L0003900 0 0.10591E-04 474798.1 3755715.9 506.1 2.72 6.98		а	0.10591F-04	474812 8 3755712 R	506 0	2.72	6 98
L0003900 0 0.10591E-04 474798.1 3755715.9 506.1 2.72 6.98		J	0.105516 04	1, 7012.0 3/33/12.0	500.0	2.12	0.50
2.53 YES		0	0.10591E-04	474798.1 3755715.9	506.1	2.72	6.98
	2.53 YES						

L0003901 0 0.10591E-04 474783.4 3755719.0 506.1 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TNIT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE SZ SOURCE	PART.	, ,	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003902 2.53 YES	0	0.10591E-04	474768.7	3755722.1	506.2	2.72	6.98
L0003903	0	0.10591E-04	474754.1	3755725.2	506.3	2.72	6.98
2.53 YES							
L0003904	0	0.10591E-04	474739.4	3755728.3	506.5	2.72	6.98
2.53 YES	_						
L0003905	0	0.10591E-04	474724.7	3755731.4	506.5	2.72	6.98
2.53 YES L0003906	0	0.10591E-04	474710 O	3755734.5	506.4	2.72	6.98
2.53 YES	Ø	0.103316-04	4/4/10.0	3/33/34.3	300.4	2.72	0.90
L0003907	0	0.10591E-04	474695.4	3755737.6	506.2	2.72	6.98
2.53 YES	•		.,		3001-		0.00
L0003908	0	0.10591E-04	474680.7	3755740.7	506.1	2.72	6.98
2.53 YES							
L0003909	0	0.10591E-04	474666.0	3755743.8	506.0	2.72	6.98
2.53 YES	•	0 405045 04	474654 2	2755746 0	505.0	2 72	6.00
L0003910 2.53 YES	0	0.10591E-04	4/4651.3	3755746.9	505.8	2.72	6.98
L0003911	0	0.10591E-04	474636 6	3755750.0	505.3	2.72	6.98
2.53 YES	J	0.105511 04	474030.0	<i>373373</i> 0 <b>.</b> 0	303.3	2.72	0.50
L0003912	0	0.10591E-04	474622.0	3755753.1	504.7	2.72	6.98
2.53 YES							
L0003913	0	0.10591E-04	474607.3	3755756.2	504.4	2.72	6.98
2.53 YES							
L0003914	0	0.10591E-04	474592.6	3755759.3	504.3	2.72	6.98
2.53 YES	^	0 105015 04	474577 0	2755762 4	FO4 4	2 72	6.00
L0003915 2.53 YES	0	0.10591E-04	4/45//.9	3/35/62.4	504.4	2.72	6.98
2.33 YES							

L0003916	0	0.10591E-04	474563.3 3755765.5	504.3	2.72	6.98
2.53 YES	Ü	0.103311 04	474303.3 3733703.3	304.3	2.72	0.30
L0003917	0	0.10591E-04	474548.6 3755768.6	504.1	2.72	6.98
2.53 YES	•	0.405045.04	474522 0 2755774 6	F04 3	2 72	
L0003918 2.53 YES	0	0.10591E-04	474533.9 3755771.6	504.3	2.72	6.98
L0003919	0	0.10591E-04	474519.2 3755774.7	504.3	2.72	6.98
2.53 YES						
L0003920	0	0.10591E-04	474504.6 3755777.8	504.3	2.72	6.98
2.53 YES L0003921	0	0.10591E-04	474489.9 3755780.9	504.2	2.72	6.98
2.53 YES	Ø	0.103916-04	4/4409.9 3/33/00.9	304.2	2.72	0.90
L0003922	0	0.10591E-04	474475.2 3755784.0	504.0	2.72	6.98
2.53 YES						
L0003923	0	0.10591E-04	474460.5 3755787.1	503.8	2.72	6.98
2.53 YES	0	0.10591E-04	474445 0 2755700 2	F02 F	2.72	6.98
L0003924 2.53 YES	0	0.105916-04	474445.8 3755790.2	503.5	2.72	0.98
L0003925	0	0.10591E-04	474431.2 3755793.3	503.4	2.72	6.98
2.53 YES						
L0003926	0	0.10591E-04	474416.5 3755796.4	503.4	2.72	6.98
2.53 YES L0003927	0	0.10591E-04	474401.8 3755799.5	503.3	2.72	6.98
2.53 YES	Ø	0.103916-04	4/4401.0 3/33/33.3	303.3	2.72	0.90
L0003928	0	0.10591E-04	474387.1 3755802.6	503.3	2.72	6.98
2.53 YES						
L0003929	0	0.10591E-04	474372.5 3755805.7	503.2	2.72	6.98
2.53 YES	0	0 105015 04	474257 0 2755000 0	FQ2 1	2 72	6.98
L0003930 2.53 YES	0	0.10591E-04	474357.8 3755808.8	503.1	2.72	0.98
L0003931	0	0.10591E-04	474343.1 3755811.9	503.1	2.72	6.98
2.53 YES						
L0003932	0	0.10591E-04	474328.4 3755815.0	502.9	2.72	6.98
2.53 YES L0003933	0	0 10501E_0/	474313.8 3755818.1	502.8	2.72	6.98
2.53 YES	ð	0.103911-04	4/4515.6 5/55616.1	302.0	2.72	0.98
L0003934	0	0.10591E-04	474299.1 3755821.2	502.5	2.72	6.98
2.53 YES						
L0003935	0	0.10591E-04	474284.4 3755824.3	502.4	2.72	6.98
2.53 YES L0003936	0	0 10591F-04	474269.7 3755827.4	502.3	2.72	6.98
2.53 YES	O	0.103311-04	4/4205.7 5/55027.4	302.3	2.72	0.56
L0003937	0	0.10591E-04	474255.0 3755830.5	501.1	2.72	6.98
2.53 YES						
L0003938	0	0.10591E-04	474240.4 3755833.6	499.5	2.72	6.98
2.53 YES L0003939	0	0 10591F <sub>-</sub> 04	474225.7 3755836.7	498.9	2.72	6.98
2.53 YES	Ü	J.10JJ1L-04	T17223.1 3133030.1	<del>-</del> 70.7	2.12	0.70
L0003940	0	0.10591E-04	474211.0 3755839.8	499.2	2.72	6.98
2.53 YES						

L0003941 0 0.10591E-04 474196.3 3755842.8 501.5 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003942 2.53 YES	0	0.10591E-04	474181.6	3755845.9	502.6	2.72	6.98
L0003943 2.53 YES	0	0.10591E-04	474167.0	3755848.9	502.8	2.72	6.98
L0003944 2.53 YES	0	0.10591E-04	474152.3	3755852.0	502.7	2.72	6.98
L0003945 2.53 YES	0	0.10591E-04	474137.6	3755855.0	502.6	2.72	6.98
L0003946 2.53 YES	0	0.10591E-04	474122.9	3755858.1	502.5	2.72	6.98
L0003947 2.53 YES	0	0.10591E-04	474108.2	3755861.1	502.4	2.72	6.98
L0003948 2.53 YES	0	0.10591E-04	474093.5	3755864.2	502.4	2.72	6.98
L0003949 2.53 YES	0	0.10591E-04	474078.8	3755867.2	502.4	2.72	6.98
L0003950 2.53 YES	0	0.10591E-04	474064.2	3755870.3	502.4	2.72	6.98
L0003951 2.53 YES	0	0.10591E-04	474049.5	3755873.4	502.2	2.72	6.98
L0003952 2.53 YES	0	0.10591E-04	474034.8	3755876.4	502.1	2.72	6.98
L0003953 2.53 YES	0	0.10591E-04	474020.1	3755879.5	501.8	2.72	6.98
L0003954 2.53 YES	0	0.10591E-04	474005.4	3755882.5	501.4	2.72	6.98
L0003955 2.53 YES	0	0.10591E-04	473990.7	3755885.6	501.1	2.72	6.98

L0003956	0	0.10591E-04	473976.0 3755888.6	500.7	2.72	6.98
2.53 YES						
L0003957 2.53 YES	0	0.10591E-04	473961.4 3755891.7	500.3	2.72	6.98
L0003958 2.53 YES	0	0.10591E-04	473946.7 3755894.7	500.0	2.72	6.98
L0003959 2.53 YES	0	0.10591E-04	473932.0 3755897.8	499.7	2.72	6.98
L0003960 2.53 YES	0	0.10591E-04	473917.3 3755900.8	499.3	2.72	6.98
L0003961 2.53 YES	0	0.10591E-04	473902.6 3755903.9	499.0	2.72	6.98
L0003962 2.53 YES	0	0.10591E-04	473887.9 3755906.9	498.6	2.72	6.98
L0003963 2.53 YES	0	0.10591E-04	473873.2 3755910.0	498.2	2.72	6.98
L0003964 2.53 YES	0	0.10591E-04	473858.5 3755913.0	497.8	2.72	6.98
L0003965 2.53 YES	0	0.10591E-04	473843.9 3755916.1	497.5	2.72	6.98
L0003966 2.53 YES	0	0.10591E-04	473829.2 3755919.1	497.1	2.72	6.98
L0003967 2.53 YES	0	0.10591E-04	473814.5 3755922.2	496.7	2.72	6.98
L0003968 2.53 YES	0	0.10591E-04	473799.8 3755925.2	496.3	2.72	6.98
L0003969 2.53 YES	0	0.10591E-04	473785.1 3755928.3	495.8	2.72	6.98
L0003970 2.53 YES	0	0.10591E-04	473770.4 3755931.3	495.3	2.72	6.98
L0003971 2.53 YES	0	0.10591E-04	473755.7 3755934.4	494.9	2.72	6.98
L0003972 2.53 YES	0	0.10591E-04	473741.1 3755937.5	494.5	2.72	6.98
L0003973 2.53 YES	0	0.10591E-04	473726.4 3755940.5	494.1	2.72	6.98
L0003974 2.53 YES	0	0.10591E-04	473711.7 3755943.6	493.5	2.72	6.98
L0003975 2.53 YES	0	0.10591E-04	473697.0 3755946.6	493.0	2.72	6.98
L0003976 2.53 YES	0	0.10591E-04	473682.3 3755949.7	492.5	2.72	6.98
L0003977 2.53 YES	0	0.10591E-04	473667.6 3755952.7	491.9	2.72	6.98
L0003978 2.53 YES	0	0.10591E-04	473652.9 3755955.8	491.3	2.72	6.98
L0003979 2.53 YES	0	0.10591E-04	473638.3 3755958.8	490.9	2.72	6.98
L0003980 2.53 YES	0	0.10591E-04	473623.6 3755961.9	490.5	2.72	6.98

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0 0.10591E-04 473608.9 3755964.9 489.6 2.72 6.98
L0003981
2.53
        YES
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                     ***
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                                PAGE 12
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                               *** VOLUME SOURCE DATA ***
              NUMBER EMISSION RATE
                                                    BASE
                                                           RELEASE
                                                                      INIT.
INIT. URBAN EMISSION RATE
              PART. (GRAMS/SEC)
                                   X Y
                                                    ELEV.
                                                           HEIGHT
                                                                       SY
  SOURCE
      SOURCE SCALAR VARY
SZ
               CATS.
                                  (METERS) (METERS) (METERS) (METERS)
    ID
(METERS)
                    BY
                    0.10591E-04 473594.2 3755968.0
L0003982
                0
                                                    488.6
                                                              2.72
                                                                       6.98
2.53
    YES
L0003983
                    0.10591E-04 473579.5 3755971.0
                                                     487.9
                                                              2.72
                                                                       6.98
                0
        YES
2.53
L0003984
                    0.10591E-04 473564.8 3755974.1
                                                     487.2
                                                              2.72
                                                                       6.98
2.53
       YES
L0003985
                    0.10591E-04 473550.1 3755977.1
                                                     486.8
                                                              2.72
                                                                       6.98
2.53
        YES
                    0.10591E-04 473535.5 3755980.2
L0003986
                0
                                                    486.3
                                                              2.72
                                                                       6.98
2.53
        YES
L0003987
                    0.10591E-04 473520.8 3755983.2
                                                    485.9
                                                              2.72
                                                                       6.98
                0
2.53
       YES
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION
                     16216 ***
                                ***
                                15:58:23
                                PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                       SOURCE IDs
 _ _ _ _ _ _ _ _ _ _ _
                                                       _ _ _ _ _ _ _ _ _ _
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L0003582 , L0003583 , L0003584 , L0003585 , L0003586

ALL

L0003587	, L0003588	, L0003589	<b>y</b>			
L0003595	L0003590 , L0003596	, L0003591 , L0003597	, L0003592	, L0003593	, L0003594	y
L0003603	L0003598 , L0003604	, L0003599 , L0003605	, L0003600 ,	, L0003601	, L0003602	,
L0003611	L0003606 , L0003612	, L0003607 , L0003613	, L0003608	, L0003609	, L0003610	,
L0003619	L0003614 , L0003620	, L0003615 , L0003621	, L0003616 ,	, L0003617	, L0003618	,
L0003627	L0003622 , L0003628	, L0003623 , L0003629	, L0003624	, L0003625	, L0003626	y
L0003635	L0003630 , L0003636	, L0003631 , L0003637	, L0003632 ,	, L0003633	, L0003634	,
L0003643	L0003638 , L0003644	, L0003639 , L0003645	, L0003640	, L0003641	, L0003642	,
L0003651	L0003646 , L0003652	, L0003647 , L0003653	, L0003648	, L0003649	, L0003650	,
L0003659	L0003654 , L0003660	, L0003655 , L0003661	, L0003656	, L0003657	, L0003658	,
L0003667	L0003662 , L0003668	, L0003663 , L0003669	, L0003664 ,	, L0003665	, L0003666	,
L0003675	L0003670 , L0003676	, L0003671 , L0003677	, L0003672	, L0003673	, L0003674	,
L0003683	L0003678 , L0003684	, L0003679 , L0003685	, L0003680	, L0003681	, L0003682	,
L0003691	L0003686 , L0003692	, L0003687 , L0003693	, L0003688	, L0003689	, L0003690	y
L0003699	L0003694 , L0003700	, L0003695 , L0003701	, L0003696	, L0003697	, L0003698	y
L0003707	L0003702 , L0003708	, L0003703 , L0003709	, L0003704	, L0003705	, L0003706	y
L0003715	L0003710 , L0003716	, L0003711 , L0003717	, L0003712	, L0003713	, L0003714	,

L0003723	L0003718 , L0003724	, L0003719 , L0003725	, L0003720 ,	, L0003721	, L0003722	,
L0003731	L0003726 , L0003732	, L0003727 , L0003733	, L0003728	, L0003729	, L0003730	,
L0003739  ↑ *** AERMC  *** AERMET		*** 16216 ***		, L0003737 ATIONS - TRUCK F	, L0003738 PM	9

PAGE 14
\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP	ID 			SOURCE IDs			
L0003747	L0003742 , L0003748	, L0003743 , L0003749	, L0003744	, L0003745	, L0003746	,	
L0003755	L0003750 , L0003756	, L0003751 , L0003757	, L0003752	, L0003753	, L0003754	,	
L0003763	L0003758 , L0003764	, L0003759 , L0003765	, L0003760	, L0003761	, L0003762	,	
L0003771	L0003766 , L0003772	, L0003767 , L0003773	, L0003768	, L0003769	, L0003770	,	
L0003779	L0003774 , L0003780	, L0003775 , L0003781	, L0003776	, L0003777	, L0003778	y	
L0003787	L0003782 , L0003788	, L0003783 , L0003789	, L0003784	, L0003785	, L0003786	,	
L0003795	L0003790 , L0003796	, L0003791 , L0003797	, L0003792 ,	, L0003793	, L0003794	,	
L0003803	L0003798 , L0003804	, L0003799 , L0003805	, L0003800 ,	, L0003801	, L0003802	,	
L0003811	L0003806 , L0003812	, L0003807 , L0003813	, L0003808	, L0003809	, L0003810	,	

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L0003899
                        , L0003901
                                   *** 2029 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112 ***
                                   04/06/22
                                ***
                      16216 ***
*** AERMET - VERSION
                      ***
                                 15:58:23
                                 PAGE 15
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                         SOURCE IDS
                       , L0003903
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L0003987
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                15:58:23
                                PAGE 16
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                        *** SOURCE IDS DEFINED AS URBAN SOURCES
 URBAN ID
            URBAN POP
                                                       SOURCE IDs
             2189641.
                      L0003582
                                   , L0003583 , L0003584 , L0003585
           , L0003587
L0003586
                      , L0003588
L0003589
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, L0003591 , L0003592 , L0003593 , L0003594

L0003590

L0003595	, L0003596	, L0003597	y			
L0003603	L0003598 , L0003604	, L0003599 , L0003605	, L0003600	, L0003601	, L0003602	,
L0003611	L0003606 , L0003612	, L0003607 , L0003613	, L0003608	, L0003609	, L0003610	,
L0003619	L0003614 , L0003620	, L0003615 , L0003621	, L0003616	, L0003617	, L0003618	,
L0003627	L0003622 , L0003628	, L0003623 , L0003629	, L0003624 ,	, L0003625	, L0003626	,
L0003635	L0003630 , L0003636	, L0003631 , L0003637	, L0003632 ,	, L0003633	, L0003634	y
L0003643	L0003638 , L0003644	, L0003639 , L0003645	, L0003640 ,	, L0003641	, L0003642	,
L0003651	L0003646 , L0003652	, L0003647 , L0003653	, L0003648	, L0003649	, L0003650	,
L0003659	L0003654 , L0003660	, L0003655 , L0003661	, L0003656	, L0003657	, L0003658	,
L0003667	L0003662 , L0003668	, L0003663 , L0003669	, L0003664	, L0003665	, L0003666	,
L0003675	L0003670 , L0003676	, L0003671 , L0003677	, L0003672	, L0003673	, L0003674	,
L0003683	L0003678 , L0003684	, L0003679 , L0003685	, L0003680	, L0003681	, L0003682	,
L0003691	L0003686 , L0003692	, L0003687 , L0003693	, L0003688	, L0003689	, L0003690	,
L0003699	L0003694 , L0003700	, L0003695 , L0003701	, L0003696	, L0003697	, L0003698	,
L0003707	L0003702 , L0003708	, L0003703 , L0003709	, L0003704	, L0003705	, L0003706	,
L0003715	L0003710 , L0003716	, L0003711 , L0003717	, L0003712	, L0003713	, L0003714	,
L0003723	L0003718 , L0003724	, L0003719 , L0003725	, L0003720	, L0003721	, L0003722	,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINED AS URBAN SOURCES

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URBAN ID	URBAN POP			SOURCE 1	IDs	
L0003747	L0003742 , L0003748	, L0003743 , L0003749	, L0003744 ,	<b>,</b> L0003745	, L0003746	y
L0003755	L0003750 , L0003756	, L0003751 , L0003757	, L0003752	, L0003753	, L0003754	,
L0003763	L0003758 , L0003764	, L0003759 , L0003765	, L0003760	, L0003761	, L0003762	,
L0003771	L0003766 , L0003772	, L0003767 , L0003773	, L0003768	, L0003769	, L0003770	,
L0003779	L0003774 , L0003780	, L0003775 , L0003781	, L0003776	, L0003777	, L0003778	,
L0003787	L0003782 , L0003788	, L0003783 , L0003789	, L0003784	, L0003785	, L0003786	,
L0003795	L0003790 , L0003796	, L0003791 , L0003797	, L0003792	, L0003793	, L0003794	,
L0003803	L0003798 , L0003804	, L0003799 , L0003805	, L0003800	, L0003801	, L0003802	,
L0003811	L0003806 , L0003812	, L0003807 , L0003813	, L0003808	, L0003809	, L0003810	,
L0003819	L0003814 , L0003820	, L0003815 , L0003821	, L0003816	, L0003817	, L0003818	,

L0003827	L0003822 , L0003828	, L0003823 , L0003829	, L0003824	, L0003825	, L0003826	,
L0003835		, L0003831 , L0003837	, L0003832	, L0003833	, L0003834	,
L0003843	L0003838 , L0003844	, L0003839 , L0003845	, L0003840	, L0003841	, L0003842	,
L0003851	L0003846 , L0003852	, L0003847 , L0003853	, L0003848	, L0003849	, L0003850	,
L0003859	L0003854 , L0003860	, L0003855 , L0003861	, L0003856	, L0003857	, L0003858	,
L0003867	L0003862 , L0003868	, L0003863 , L0003869	, L0003864	, L0003865	, L0003866	,
L0003875		, L0003871 , L0003877	, L0003872	, L0003873	, L0003874	,
L0003883		, L0003879 , L0003885	, L0003880	, L0003881	, L0003882	,
L0003891	L0003886 , L0003892	, L0003887 , L0003893	, L0003888	, L0003889	, L0003890	,
	, L0003900 OD - VERSION	, L0003895 , L0003901 21112 *** ** *** 04	** 2029 OPERAT: /06/22	•	, L0003898	,
*** AERME		16216 *** *** *** 15:5				
PAGE 18 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*						
***			*** SOURCE	E IDs DEFINED A	S URBAN SOURCE	:S
URBAN ID	URBAN POP			SOURCE I		
L0003907	L0003902 , L0003908	, L0003903 , L0003909	, L0003904	, L0003905	, L0003906	,
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           L0003982
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                                   , L0003984 , L0003985 , L0003986
L0003987
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                04/06/22
 *** AERMET - VERSION 16216 ***
                               15:58:23
                               PAGE 19
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                (METERS)
      474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0,
474796.0,
```

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

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3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6,
♠ *** AERMOD - VERSION 21112  ***   *** 2029 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           15:58:23
                           PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04
                                               474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 497.50
                            497.60
                                     497.30
                                                497.10
                                                           497.00
 497.00
            497.00 496.60
 3755618.62 | 496.90
                                               497.00
                            497.10
                                    497.10
                                                           496.90
           497.10
                  495.90
 497.10
                 496.70
                            497.00 497.00 497.00
 3755603.62
                                                           497.00
           497.10 495.40
 497.20
                            496.90
                                      496.90
 3755588.62 | 496.60
                                                497.00
                                                            497.10
          497.10
                      495.10
 497.30
 3755573.62 496.40
                           496.70 496.80 497.00 497.10
 497.20
            496.90
                      494.70
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           15:58:23
                           PAGE 21
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
              474691.04 474706.04 474721.04 474736.04 474751.04
   (METERS)
474766.04 474781.04 474796.04
 3755633.62 789.90 789.90 789.90 789.90 789.90
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790 00 790 00 790 0	a			
789.90 789.90 789.9 3755618.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.9 3755603.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.9 3755588.62   789.90	789.90	789.90	789.90	789.90
789.90 789.90 789.9 3755573.62   789.90		789.90	789.90	789.90
789.90 789.90 789.9 ★ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 *** ***	*** 2029 OP 04/06/22 ***	ERATIONS - TR	UCK PM	
*** MODELOPTs: RegDFAULT CON	PAGE 22 C ELEV URBAN	ADJ_U*		
	*** GRI	DDED RECEPTOR	NETWORK SUMM	ARY ***
***	*** NETWORK I	D: UCART2 ;	NETWORK TYP	E: GRIDCART
	*** X	-COORDINATES (	OF GRID ***	
474790.5, 474805.5, 4748 474895.5,	20.5, 474835.	5, 474850.5,	474865.5,	474880.5,
	*** Y	-COORDINATES ( (METERS)	OF GRID ***	
3755561.1, 3755576.1, 37555 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 *** ***	*** 2029 OP 04/06/22		UCK PM	
*** MODELOPTs: RegDFAULT CON	PAGE 23 C ELEV URBAN	ADJ_U*		
***	*** NETWORK I	D: UCART2 ;	NETWORK TYP	E: GRIDCART
		* ELEVATION I	HEIGHTS IN ME	TERS *
Y-COORD   (METERS)   474790.51 4 474865.51 474880.51 474895.		482 <b>0.</b> 51 47	X-COORD (ME <sup>-</sup> 4835.51 47	

	496.10		493.70	493.20	493.20
3755591.07	3.40 493.60 495.90 2.90 492.70	494.00	493.30	492.90	492.90
3755576.07	495.60 2.60 492.10	493.50	493.00	492.60	492.70
3755561.07	495.20 2.40 492.10	493.10	492.70	492.40	492.50
*** AERMOD - VERS	RSION 21112 *** ***	*** 2029 OF 04/06/22 ***	PERATIONS - TF	RUCK PM	
*** MODELOPTs:		PAGE 24	۸D٦		
MODELOF 13.		*** NETWORK I	_	NETWORK TVE	DE COTOCADT
***		··· NETWORK I	D. UCANTZ ,	NETWORK TTP	e. GRIDCARI
			* HILL HEIGH	IT SCALES IN M	IETERS *
Y-COORD   (METERS)   474865.51 47488	474790.51 47 30.51 474895.5			X-COORD (ME /4835.51 47	
3755606.07   789 90 789	789.90 9.90 789.90	789.90	789.90	789.90	789.90
3755591.07	789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755576.07	789.90 789.90 789.90	789.90	789.90	789.90	789.90
3755561.07	789.90 789.90 789.90	789.90	789.90	789.90	789.90
↑ *** AERMOD - VE	RSION 21112 *** ***	*** 2029 OF 04/06/22	PERATIONS - TF	RUCK PM	
*** AERMET - VERS		*** 15:58:23			
*** MODELOPTs:	RegDFAULT CONC	PAGE 25 ELEV URBAN	ADJ_U*		
		*** GRI	DDED RECEPTOR	NETWORK SUMM	IARY ***
***		*** NETWORK I	D: UCART3 ;	NETWORK TYP	PE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*

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474800.9, 474815.9,
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# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755608.3, 3755623.3, \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:58:23 PAGE 26 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474800.90 474815.90 3755623.35 495.80 495.20 3755608.35 | 495.00 494.00 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:58:23 PAGE 27 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) | 474800.90 474815.90 

 3755623.35 |
 789.90
 789.90

 3755608.35 |
 789.90
 789.90

 ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

04/06/22

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*** AERMET - VERSION 16216 *** ***
                               15:58:23
                               PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
                                      *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                      *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                               15:58:23
                               PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
               474820.81 474835.81
 3755622.54
                  495.00
                              494.80
 3755607.54
                   493.70
                              493.20
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                               15:58:23
                               PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
```

# \* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
(METERS)   474820.81	474835.81
3755622.54   789.90	789.90
•	789.90
↑ *** AERMOD - VERSION 21112	*** *** 2029 OPERATIONS - TRUCK PM
	04/06/22 ***
*** AERMET - VERSION 16216  ***	15:58:23
	15.56.25
*** MODELODT	PAGE 31
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** GRIDDED RECEPTOR NETWORK SUMMARY ***
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	ŕ
	*** X-COORDINATES OF GRID ***
	(METERS)
	,
474838.9, 474853.9,	
	*** Y-COORDINATES OF GRID ***
	(METERS)
3755600.4, 3755615.4,	
↑ *** AERMOD - VERSION 21112	*** *** 2029 OPERATIONS - TRUCK PM
***	04/06/22
*** AERMET - VERSION 16216  ***	*** *** 15:58:23
	13.30.23
	PAGE 32
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	
	* ELEVATION HEIGHTS IN METERS *
Y-COORD	V COOPD (METERS)
<u>:</u>	X-COORD (METERS) 474853.93

```
3755615.41 | 493.60 493.60
3755600.41 | 493.10 493.10
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                                15:58:23
                                PAGE 33
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                                *** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***
                                              * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                           X-COORD (METERS)
   (METERS) | 474838.93 474853.93
 3755615.41
                    789.90
                                 789.90
                                789.90
 3755600.41
                   789.90
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                15:58:23
                                PAGE 34
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
***
                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)
      474857.7, 474872.7,
                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)
     3755596.5, 3755611.5,
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                      ***
                                15:58:23
                                PAGE 35
```

```
*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                          X-COORD (METERS)
   (METERS)
                474857.73 474872.73
 3755611.53
                    493.30
                                493.50
 3755596.53
                    493.00
                               493.10
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               15:58:23
                               PAGE 36
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                          X-COORD (METERS)
             474857.73 474872.73
   (METERS)
 3755611.53
                   789.90
                               789.90
 3755596.53
                    789.90
                                789.90
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               15:58:23
                               PAGE 37
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                       *** X-COORDINATES OF GRID ***
```

(METERS)

RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* MODELOPTs:

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

## \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755333.7,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:58:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

## \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

(METERS)	475108	.79 47	5128.79 47	5148.79	475168.79	475188.79
475208.79						
2755222 70	1 402	70	102 90	402.20	492.40	402 88
	•		496.20		432.40	492.00
					492.00	492 40
			494.40		132.00	132.10
					491.70	492.00
			493.40			
3755273.70	492	.90	492.10	491.60	491.50	491.70
492.00	492.30	492.60	493.10			
					491.40	491.50
			493.20			
					491.40	491.40
			493.30			
					491.60	491.50
			493.40			
					491.90	491.70
			493.30		400.00	404 =0
					492.00	491.70
			493.10		402.00	404 70
	•				492.00	491.70
491.90 ↑ *** AERMOD					TRUCK DM	
T AEKINUU	- AEKOTON 51	TTZ	Z0Z9 UF	CKALION2 -	INUCK PM	

```
04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:58:23
                            PAGE 39
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475288.79
 3755333.70
                496.60
 3755313.70
                494.90
 3755293.70
                494.00
 3755273.70
                493.80
 3755253.70
                  493.90
 3755233.70
                 493.90
 3755213.70
                 493.90
 3755193.70
                 493.70
 3755173.70
                 493.50
 3755153.70
                 493.40
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:58:23
                            PAGE 40
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                   X-COORD (METERS)
   (METERS) | 475108.79 475128.79 475148.79 475168.79
475208.79 475228.79
                   475248.79
                                475268.79
 3755333.70 | 789.90 789.90
                                        789.90 789.90 789.90
            789.90 789.90 789.90
 789.90
 3755313.70 | 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90 789.90

		789 90	789 90	789 90	789.90	789 90
789 90	789 90	789.96	700.00	90	705.50	705.50
3755273 70	705.50	789 90	, , , , , , , , , , , , , , , , , , ,	789 90	789.90	789.90
		789.96			705.50	703.30
3755253 70	705.50	789 90	, , , , , , , , , , , , , , , , , , ,	789.90	789.90	789.90
		789.96			705.50	705.50
				789.90	789.90	789.90
		789.96			703.30	703.30
3755213.70	703.30	789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.96	789.9	90	,03.30	,03.30
3755193.70	. 62 (2 6	789.90	789.90	789.90	789.90	789.90
		789.96				
					789.90	789.90
		789.96				
3755153.70		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.96	789.9	90		
789.90 ↑ *** AERMOD	- VERSIO	N 21112 ***	*** 2029	OPERATIONS -	TRUCK PM	
		***	04/06/22			
*** AERMET -	VERSION	16216 ***	***			
		***	15:58:23			
			PAGE 41			
*** MODELOPTS	: Re	gDFAULT CONC	ELEV URBA	AN ADJ_U*		
			*** NETWORK	ID: UCART7	; NETWORK T	ΓΥΡΕ: GRIDCART
***						
				* HILL HE	IGHT SCALES IN	I METERS *
Y-COORD					X-COORD (	(METERS)
(METERS)	475	5288.79				
3755333.70						
3755313.70		789.90				
3755313.70 3755293.70		789.90 789.90				
3755313.70 3755293.70 3755273.70		789.90 789.90 789.90				
3755313.70 3755293.70 3755273.70 3755253.70		789.90 789.90 789.90 789.90				
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70		789.90 789.90 789.90 789.90 789.90				
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70		789.90 789.90 789.90 789.90 789.90 789.90				
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70		789.90 789.90 789.90 789.90 789.90 789.90				
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70 3755173.70		789.90 789.90 789.90 789.90 789.90 789.90 789.90		-		
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70		789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90		-	TDUCK DV	
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70 3755173.70		789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 N 21112 ***		OPERATIONS -	TRUCK PM	
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70 ★ *** AERMOD	- VERSIO	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 N 21112 ***	04/06/22	OPERATIONS -	TRUCK PM	
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70	- VERSIO	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 N 21112 *** ***	04/06/22 ***	OPERATIONS -	TRUCK PM	
3755313.70 3755293.70 3755273.70 3755253.70 3755233.70 3755213.70 3755193.70 3755173.70 3755153.70 ★ *** AERMOD	- VERSIO	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 N 21112 ***	04/06/22	OPERATIONS -	TRUCK PM	

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475151.6, 475171.6, 475191.6, 475211.6, 475231.6, 475251.6, 475271.6, 475391.6, 475351.6, 475371.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

PAGE 43

475151.63 475171.63 475191.63

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

(METERS)

\* ELEVATION HEIGHTS IN METERS \*

475211.63

X-COORD (METERS)

475231.63

475251.63	475271.6	3 475291.6	3 47531	11.63		
3755398.30	<b>)</b>	497.20	497.00	496.70	496.70	497.40
497.80	497.90	497.70	497	7.60		
3755378.30	)	495.90	495.60	495.20	495.30	496.30
497.30	497.80	497.60	497	7.40		
3755358.30	)	494.40	494.20	493.80	494.10	495.20
496.40	497.40	497.30	496	5.90		
3755338.30	)	492.60	492.70	493.00	493.50	494.00
495.20	496.60	496.90	496	5.30		
★ *** AERMOD	O - VERSIO	N 21112 ***	*** 2029	9 OPERATIONS -	TRUCK PM	
		***	04/06/22	2		
*** AERMET	- VERSION	16216 ***	***			

15:58:23

PAGE 44 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \*\*\* \* ELEVATION HEIGHTS IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 497.60 497.70 497.90 497.20 3755378.30 497.20 497.60 3755358.30 496.70 496.80 497.30 3755338.30 496.30 496.00 497.10 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:58:23 PAGE 45 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* X-COORD (METERS) Y-COORD | (METERS) 475151.63 475171.63 475191.63 475211.63 475231.63 475251.63 475271.63 475291.63 475311.63

3755398.30		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.9	0		
3755378.30		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.9	0		
3755358.30		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.9	0		
3755338.30		789.90	789.90	789.90	789.90	789.90
789.90	789.90	789.90	789.9	0		
★ *** AERMOD -	<ul><li>VERSION</li></ul>	V 21112 ***	*** 2029 0	PERATIONS ·	- TRUCK PM	
		***	04/06/22			
*** AERMET -	VERSION	16216 ***	***			
		***	15:58:23			

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RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \*\*\* \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 3755358.30 789.90 789.90 789.90 3755338.30 789.90 789.90 789.90 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:58:23 PAGE 47 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART \*\*\* \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755404.0, 3755424.0, 3755444.0, ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 15:58:23 PAGE 48 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475185.62 475285.62 475305.62 475325.62		X-COORD (METERS) 475245.62 475265.62
3755444.04   496.90 498.30 498.40 498.50		497.80 498.10
3755424.04   497.00 498.10 498.10 498.20	497.20 497.40	497.80 498.00
3755404.04   496.90	496.80 497.20	497.80 497.90
497.80 497.80 497.70  ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***	04/06/22 ***	TRUCK PM
	13.36.23	
*** MODELOPTs: RegDFAULT CONC	PAGE 49 C ELEV URBAN ADJ_U*	
***	*** NETWORK ID: UCART10	; NETWORK TYPE: GRIDCART
	* ELEVATI	ON HEIGHTS IN METERS *
Y-COORD   (METERS)   475365.62	* ELEVATI	ON HEIGHTS IN METERS *  X-COORD (METERS)
<u>:</u>	* ELEVATI 	
(METERS)   475365.62	* ELEVATI 	
(METERS)   475365.62 	* ELEVATI 	
(METERS)   475365.62 	* ELEVATI	
(METERS)   475365.62 		X-COORD (METERS)
(METERS)   475365.62 		X-COORD (METERS)
(METERS)   475365.62 	*** 2029 OPERATIONS - 04/06/22 ***	X-COORD (METERS)
(METERS)   475365.62 	*** 2029 OPERATIONS -	X-COORD (METERS)
(METERS)   475365.62 	*** 2029 OPERATIONS - 04/06/22 *** 15:58:23	X-COORD (METERS)
(METERS)   475365.62 3755444.04   498.50 3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  ***  ***  ***  ***  ***  ***	*** 2029 OPERATIONS - 04/06/22 ***	X-COORD (METERS)
(METERS)   475365.62 3755444.04   498.50 3755424.04   498.30 3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  ***  ***  ***  ***  ***  ***	*** 2029 OPERATIONS - 04/06/22 *** 15:58:23  PAGE 50 C ELEV URBAN ADJ_U*	X-COORD (METERS)
(METERS)   475365.62  3755444.04   498.50 3755424.04   498.30 3755404.04   497.90  ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***  *** MODELOPTS: RegDFAULT CONG	*** 2029 OPERATIONS - 04/06/22 *** 15:58:23  PAGE 50 C ELEV URBAN ADJ_U*  *** NETWORK ID: UCART10	X-COORD (METERS)  TRUCK PM
(METERS)   475365.62  3755444.04   498.50 3755424.04   498.30 3755404.04   497.90  ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***  *** MODELOPTS: RegDFAULT CONG	*** 2029 OPERATIONS - 04/06/22 *** 15:58:23  PAGE 50 C ELEV URBAN ADJ_U*  *** NETWORK ID: UCART10	X-COORD (METERS)  TRUCK PM  NETWORK TYPE: GRIDCART

(METERS)   475185.62 475205.62 475225.62 475245.62 475265.62 475285.62 475305.62 475325.62	
	-
3755444.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	
3755424.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	
3755404.04   789.90 789.90 789.90 789.90 789.90	
789.90 789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM  *** 04/06/22  *** AERMET - VERSION 16216 *** ***	
*** 15:58:23	
PAGE 51 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCAF	RT
* HILL HEIGHT SCALES IN METERS *	
Y-COORD   X-COORD (METERS) (METERS)   475365.62	
	-
3755444.04   789.90 3755424.04   789.90	
3755404.04   789.90 ★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM	
*** 04/06/22  *** AERMET - VERSION 16216 *** ***  *** 15:58:23	
PAGE 52 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** GRIDDED RECEPTOR NETWORK SUMMARY ***	
*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCAF	RT
*** X-COORDINATES OF GRID *** (METERS)	
475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.5,	

## \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755450.2, 3755470.2, 3 ★ *** AERMOD - VERSION 21112 *** *** AERMET - VERSION 16216 ***	*** *** 2029 04/06/22	O OPERATIONS	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 53 CONC ELEV UR	BAN ADJ_U*		
***	*** NETWOR	K ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* ELEVAT	ION HEIGHTS IN	N METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	475270.47		(METERS) 475310.47
3755490.18   497.30 499.10 499.20	497.80	498.20	498.60	499.00
_	497.80	498.20	498.50	498.80
_	497.90	498.20	498.40	498.50
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	04/06/22		- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 54 CONC ELEV UR	BAN ADJ_U*		
***	*** NETWOR	K ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* HILL HE	EIGHT SCALES	IN METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	475270.47		(METERS) 475310.47
3755490.18   789.90 789.90 789.90	789.90	789.90	789.90	789.90

```
3755470.18 | 789.90 789.90
                                           789.90 789.90 789.90
 789.90
             789.90
 3755450.18
                   789.90
                               789.90
                                           789.90
                                                      789.90
                                                                  789.90
             789.90
 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                              15:58:23
                              PAGE 55
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475254.8, 475274.8, 475294.8, 475314.8, 475334.8,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755493.8, 3755513.8,
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                               15:58:23
                               PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                           * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS)
                475254.84 475274.84 475294.84 475314.84
                                                                475334.84
                  498.20
 3755513.80
                                                                  499.50
                               498.70
                                           499.10
                                                       499.40
                                           498.80
                                                                  499.20
 3755493.80
                   498.00
                               498.40
                                                       499.10
                               *** 2029 OPERATIONS - TRUCK PM
↑ *** AERMOD - VERSION 21112 ***
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                              15:58:23
```

PAGE 57

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84

 3755513.80 |
 789.90
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↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:58:23

13.30.23

PAGE 58
\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*
(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM \*\*\* 04/06/22

04/00/

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:58:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	• VERSION 21112 ***	*** *** 202 04/06/2	9 OPERATIONS 2	- TRUCK PM	
*** AERMET -	VERSION 16216	*** ***			
	***	15:58:23			
*** MODELOPTs	: RegDFAULT	PAGE 60 CONC ELEV U	RBAN ADJ_U*		
***		*** NETWO	RK ID: UCART1	4 ; NETWORK	TYPE: GRIDCART
			de 11=11	ETCUT CCALEC	TN METERC *
			* HILL H	EIGHT SCALES	IN METERS *
Y-COORD			* HILL H		
Y-COORD   (METERS)	475293.48	475313.48			(METERS) 475373.48
	475293.48	475313.48 		X-COORD	(METERS)
	475293.48 	475313.48  		X-COORD	(METERS)
(METERS)   	475293.48   789.90	475313.48  		X-COORD	(METERS)
			475333.48  	X-COORD 475353.48 	(METERS) 475373.48
(METERS)     3755332.63	789.90	789.90	475333.48   789.90	X-COORD 475353.48 	(METERS) 475373.48 
(METERS)    	789.90 789.90	789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90	(METERS) 475373.48  789.90 789.90
(METERS)    3755332.63   3755312.63   3755292.63	789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90	(METERS) 475373.48  789.90 789.90 789.90
(METERS)    3755332.63   3755312.63   3755292.63   3755272.63	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90 789.90	(METERS) 475373.48  789.90 789.90 789.90 789.90
(METERS)   	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/2	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/2	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/2 *** 15:58:23	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 29 OPERATIONS	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755212.63    ★ *** AERMOD -	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/2 *** 15:58:23	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 29 OPERATIONS 2	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/2 *** 15:58:23	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 29 OPERATIONS 2	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755212.63    ★ *** AERMOD -	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 202 04/06/2 *** 15:58:23	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 29 OPERATIONS 2	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90 7 TRUCK PM	(METERS) 475373.48 

1 1 1 1111111 11111111111 1 1 1 111111 1111111111 1 1 1 1 1 1 1 1 1 1 1111111111 1 1 1 1 1 1 1 1 1 1 1 1 1 111111 1111111111 1111111111 1111111111 11111111111 1111111111 1111111111 1111111 1111111111 111111111 1111

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,

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

\*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:58:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI\_V9\_ADJU\PERI\_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

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 10 01 01 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 142. 9.1 280.9 5.5 1.00 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 324. 9.1 280.4 5.5 10 01 01 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 0.40 294. 9.1 278.8 5.5 10 01 01 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 0.90 205. 9.1 278.1 5.5 10 01 01 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 0.61 0.40 3. 9.1 277.0 5.5 1.00 10 01 01 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 0.61 1.30 99. 9.1 277.0 5.5 1.00 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.90 319. 9.1 278.8 5.5 10 01 01 1 09 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 0.90 239. 9.1 284.2 5.5 0.33 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61 0.26 0.40 188. 9.1 289.2 5.5 10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19 0.61 2.70 310. 9.1 290.9 5.5 10 01 01 1 12 97.1 0.281 1.058 0.008 421. 357. -19.7 0.19 2.20 357. 9.1 293.1 5.5 10 01 01 1 13 92.2 0.279 1.117 0.008 523. 354. -20.4 0.19 0.22 2.20 356. 9.1 293.8 5.5 10 01 01 1 14 77.6 0.275 1.102 0.008 595. 347. -23.2 0.19 0.23 2.20 50. 9.1 294.2 5.5 10 01 01 1 15 54.9 0.230 1.006 0.008 640. 266. -19.2 0.19 0.27 1.80 53. 9.1 293.8 5.5 10 01 01 1 16 12.3 0.206 0.613 0.008 648. 225. -61.5 0.19 1.80 11. 9.1 292.5 5.5 0.36 10 01 01 1 17 -3.6 0.087 -9.000 -9.000 -999. 71. 15.6 0.19 0.61 0.90 351. 9.1 290.4 5.5 10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 186. 9.1 287.5 5.5 10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 275. 9.1 285.9 5.5 10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39. 18.1 0.19 0.61 0.40 181. 9.1 285.4 5.5 1.00

10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106. 21.3 0.19

10 01 01 1 22 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61

1.30 318. 9.1 284.9 5.5

1.00 0.90 196. 9.1 283.1 5.5

0.61

```
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61
      0.90 330. 9.1 281.4
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61
1.00 1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01 9.1 1 335. 1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                    *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:58:23
                            PAGE 63
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0003582
                                                           , L0003583
           , L0003585 , L0003586
, L0003584
                                   , L0003589 , L0003590 , L0003591
              L0003587
                       , L0003588
           , L0003593 , L0003594
, L0003592
              L0003595 , L0003596 , L0003597 , L0003598 , L0003599
                       , L0003602
, L0003600
           , L0003601
                                  , L0003605 , L0003606 , L0003607
              L0003603
                      , L0003604
, L0003608
           , L0003609
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) |
               474691.04
                          474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.04572
                                     0.04802 0.04921
                            0.04693
                                                             0.05054
0.05200 0.05357 0.05497
 3755618.62
                0.04057
                            0.04154 0.04249
                                                0.04344
                                                             0.04444
         0.04679 0.04740
0.04563
                            0.03746 0.03822 0.03900
 3755603.62 | 0.03665
                                                             0.03983
0.04076
        0.04163 0.04188
 3755588.62
                0.03348 0.03416 0.03477
                                                  0.03545
                                                             0.03614
```

```
0.03690 0.03757 0.03765
 3755573.62 | 0.03083 0.03139 0.03193 0.03252 0.03310
0.03370
          0.03422
                    0.03422
↑ *** AERMOD - VERSION 21112 ***
                             *** 2029 OPERATIONS - TRUCK PM
                             04/06/22
                   16216 *** ***
*** AERMET - VERSION
                   ***
                            15:58:23
                            PAGE 64
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                                           , L0003583
                            INCLUDING SOURCE(S): L0003582
, L0003584
           , L0003585 , L0003586
                                   , L0003589 , L0003590 , L0003591
                       , L0003588
             L0003587
           , L0003593
                       , L0003594
, L0003592
              L0003595 , L0003596 , L0003597 , L0003598 , L0003599
           , L0003601
L0003600
                       , L0003602
                      , L0003604
                                  , L0003605 , L0003606 , L0003607
              L0003603
, L0003608
          , L0003609
                             *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 474790.51 474805.51 474820.51
                                                474835.51
                                                           474850.51
474865.51 474880.51 474895.51
 3755606.07 | 0.04258 0.04290
                                      0.04358
                                                 0.04444
                                                             0.04556
0.04679 0.04811 0.04956
 3755591.07 | 0.03825 0.03837 0.03893 0.03961
                                                             0.04048
0.04139
        0.04234 0.04327
 3755576.07
                0.03474
                            0.03477 0.03527 0.03581
                                                             0.03653
          0.03798
                    0.03860
0.03725
 3755561.07 | 0.03183
                           0.03184
                                     0.03227 0.03275
                                                             0.03334
        0.03451
0.03393
                      0.03507
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            15:58:23
                            PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
```

```
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                            L0003582
                                                                        , L0003583
, L0003584
              , L0003585
                            , L0003586
                                            , L0003589
                                                          , L0003590
                                                                        , L0003591
                 L0003587
                             , L0003588
              , L0003593
                            , L0003594
 L0003592
                                            , L0003597
                                                          , L0003598
                                                                         , L0003599
                             , L0003596
                 L0003595
              , L0003601
                            , L0003602
 L0003600
                             , L0003604
                 L0003603
                                            , L0003605
                                                          , L0003606
                                                                         , L0003607
              , L0003609
 L0003608
                                    *** NETWORK ID: UCART3
                                                            ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
    Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   474800.90
  3755623.35
                     0.04980
                                  0.05089
  3755608.35
                     0.04355
                                  0.04417
↑ *** AERMOD - VERSION 21112
                                    *** 2029 OPERATIONS - TRUCK PM
                                    04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                       ***
                                  15:58:23
                                  PAGE 66
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                                         , L0003583
                                                            L0003582
, L0003584
                            , L0003586
              , L0003585
                             , L0003588
                                                          , L0003590
                                            , L0003589
                                                                         , L0003591
                 L0003587
              , L0003593
 L0003592
                            , L0003594
                 L0003595
                                            , L0003597
                             , L0003596
                                                          , L0003598
                                                                         , L0003599
              , L0003601
                            , L0003602
 L0003600
                                            , L0003605
                 L0003603
                             , L0003604
                                                          , L0003606
                                                                         , L0003607
 L0003608
              , L0003609
                                   *** NETWORK ID: UCART4
                                                             ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
                   **
   Y-COORD
                                                               X-COORD (METERS)
```

```
(METERS) | 474820.81 474835.81
                  0.05087
 3755622.54
                             0.05226
 3755607.54
                  0.04411
                              0.04499
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION
                   16216 ***
                               15:58:23
                               PAGE 67
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                    L0003582
                                                                , L0003583
, L0003584
            , L0003585
                         , L0003586
                         , L0003588
                                      , L0003589 , L0003590 , L0003591
               L0003587
 L0003592
           , L0003593 , L0003594
                         , L0003596
                                                               , L0003599
               L0003595
                                     , L0003597 , L0003598
           , L0003601
                         , L0003602
 L0003600
                         , L0003604
                                    , L0003605 , L0003606 , L0003607
               L0003603
 L0003608 , L0003609
                                *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10
                                                      IN MICROGRAMS/M**3
   Y-COORD
                                                        X-COORD (METERS)
   (METERS)
               474838.93 474853.93
 3755615.41
                  0.04857
                              0.04995
 3755600.41
             0.04270
                              0.04372
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                              15:58:23
                               PAGE 68
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584 , L0003585 , L0003586
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, L0003588
                                         , L0003589 , L0003590 , L0003591
                L0003587
L0003592
             , L0003593
                          , L0003594
                           , L0003596
                                         , L0003597
                L0003595
                                                      , L0003598
                                                                    , L0003599
                          , L0003602
             , L0003601
 L0003600
                                         , L0003605
                L0003603
                          , L0003604
                                                      , L0003606
                                                                    , L0003607
, L0003608
             , L0003609
                                 *** NETWORK ID: UCART6
                                                        ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
                  **
   Y-COORD
                                                           X-COORD (METERS)
    (METERS)
                  474857.73
                             474872.73
                   0.04841
 3755611.53
                                0.04988
 3755596.53
                    0.04264
                                0.04371
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                15:58:23
                                PAGE 69
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003582
                                                                    , L0003583
, L0003584
             , L0003585
                           , L0003586
                          , L0003588
                                         , L0003589 , L0003590
                L0003587
                                                                   , L0003591
 L0003592
                          , L0003594
             , L0003593
                                        , L0003597
                                                     , L0003598
                                                                    , L0003599
                L0003595
                           , L0003596
, L0003600
             , L0003601
                          , L0003602
                          , L0003604
                                         , L0003605
                                                                    , L0003607
                L0003603
                                                      , L0003606
             , L0003609
, L0003608
                                 *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                        IN MICROGRAMS/M**3
   Y-COORD |
                                                           X-COORD (METERS)
                  475108.79 475128.79 475148.79
                                                       475168.79
                                                                 475188.79
   (METERS)
475208.79
            475228.79
                        475248.79
                                     475268.79
```

```
3755333.70 | 0.01662 0.01668
                                      0.01677
                                                0.01689
                                                           0.01703
0.01717 0.01730 0.01746 0.01765
 3755313.70 0.01568 0.01574
                                      0.01582
                                                0.01592
                                                           0.01604
        0.01627 0.01638 0.01650
0.01616
 3755293.70 0.01485 0.01491
                                      0.01498
                                                0.01506
                                                           0.01516
0.01526
           0.01535 0.01544 0.01553
 3755273.70
                                                0.01429
                0.01412 0.01416
                                    0.01422
                                                           0.01437
           0.01454 0.01462 0.01470
0.01446
 3755253.70
                                                0.01359
            0.01343 0.01348
                                      0.01353
                                                           0.01366
0.01374
           0.01382
                     0.01389
                                0.01397
 3755233.70
                0.01281 0.01286
                                      0.01291
                                                0.01296
                                                           0.01302
0.01309
           0.01317 0.01324 0.01331
 3755213.70 |
               0.01224 0.01229
                                      0.01235
                                                0.01240
                                                           0.01244
0.01251
           0.01257 0.01264 0.01270
 3755193.70
                0.01172
                           0.01178
                                                0.01188
                                                           0.01192
                                      0.01183
0.01196
          0.01203
                  0.01208
                               0.01214
 3755173.70 | 0.01125 0.01130
                                      0.01135
                                                0.01139
                                                           0.01142
0.01147
          0.01152 0.01157
                              0.01161
 3755153.70 0.01081 0.01085
                                      0.01089
                                                0.01093
                                                           0.01096
0.01100 0.01105
                  0.01109 0.01113
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 ***
                           15:58:23
                           PAGE 70
               RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003582
                                                         , L0003583
, L0003584
           , L0003585
                      , L0003586
                      , L0003588
                                 , L0003589 , L0003590
             L0003587
                                                         , L0003591
           , L0003593
                      , L0003594
 L0003592
                      , L0003596
                                , L0003597 , L0003598 , L0003599
             L0003595
           , L0003601
 L0003600
                      , L0003602
                      , L0003604
                                              , L0003606
                                 , L0003605
             L0003603
                                                         , L0003607
, L0003608
           , L0003609
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                  X-COORD (METERS)
   Y-COORD
   (METERS)
               475288.79
```

```
3755333.70
                  0.01775
 3755313.70
                  0.01659
 3755293.70
                  0.01562
 3755273.70
                  0.01479
 3755253.70
                  0.01405
 3755233.70 l
                  0.01337
 3755213.70
                  0.01276
 3755193.70
                  0.01218
 3755173.70
                  0.01166
 3755153.70
                  0.01117
                          *** *** 2029 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112
                              04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                              15:58:23
                              PAGE 71
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003582
                                                               , L0003583
                        , L0003586
            , L0003585
, L0003584
                        , L0003588
                                     , L0003589 , L0003590
               L0003587
                                                               , L0003591
, L0003592
            , L0003593
                        , L0003594
                        , L0003596
                                                 , L0003598
                                    , L0003597
              L0003595
                                                              , L0003599
 L0003600
            , L0003601
                        , L0003602
                                     , L0003605
                        , L0003604
                                                  , L0003606
                                                               , L0003607
               L0003603
 L0003608
            , L0003609
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10
                                                     IN MICROGRAMS/M**3
                **
   Y-COORD
                                                       X-COORD (METERS)
   (METERS) | 475151.63 475171.63 475191.63
                                                   475211.63
                                                               475231.63
           475271.63
                    475291.63
                                  475311.63
 3755398.30 0.02120 0.02138
                                         0.02154
                                                     0.02171
                                                                 0.02195
                       0.02237 0.02245
            0.02227
                                                     0.02005
 3755378.30
             0.01964 0.01978
                                         0.01989
                                                                 0.02028
            0.02065
                       0.02072
                                0.02079
0.02049
 3755358.30 | 0.01826
                              0.01839
                                         0.01848
                                                     0.01863
                                                                 0.01884
0.01905
            0.01922
                       0.01929
                                   0.01933
 3755338.30 0.01704 0.01716 0.01730
                                                     0.01744
                                                                0.01758
0.01776 0.01795 0.01804 0.01806
```

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04/06/22
 *** AERMET - VERSION
                       16216 ***
                                  15:58:23
                                  PAGE 72
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003582
                                                                       , L0003583
, L0003584
              , L0003585
                            , L0003586
                            , L0003588
                                           , L0003589
                                                         , L0003590
                 L0003587
                                                                       , L0003591
                            , L0003594
              , L0003593
 L0003592
                           , L0003596
                 L0003595
                                           , L0003597
                                                         , L0003598
                                                                       , L0003599
              , L0003601
, L0003600
                            , L0003602
                 L0003603
                            , L0003604
                                           , L0003605
                                                        , L0003606
                                                                       , L0003607
, L0003608
              , L0003609
                                   *** NETWORK ID: UCART8
                                                            ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
   Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475331.63
                                475351.63
                                             475371.63
                                               0.02266
  3755398.30 l
                     0.02253
                                  0.02259
  3755378.30
                                  0.02089
                                               0.02096
                     0.02084
  3755358.30
                     0.01937
                                  0.01943
                                               0.01950
  3755338.30
                     0.01809
                                  0.01815
                                               0.01823
★ *** AERMOD - VERSION 21112
                                    *** 2029 OPERATIONS - TRUCK PM
                                   04/06/22
                       16216 ***
                                   ***
 *** AERMET - VERSION
                                  15:58:23
                                  PAGE 73
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003582
                                                                       , L0003583
, L0003584
              , L0003585
                            , L0003586
                                                         , L0003590
                 L0003587
                            , L0003588
                                           , L0003589
                                                                       , L0003591
 L0003592
              , L0003593
                            , L0003594
                                          , L0003597
                                                         , L0003598
                L0003595
                            , L0003596
                                                                       , L0003599
, L0003600
              , L0003601
                            , L0003602
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\*\*\* 2029 OPERATIONS - TRUCK PM

↑ \*\*\* AERMOD - VERSION 21112 \*\*\*

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L0003603 , L0003604 , L0003605 , L0003606 , L0003607
, L0003608 , L0003609
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.02597 0.02628 0.02658 0.02688
                                                            0.02713
0.02734 0.02751 0.02764 0.02773
 3755424.04 | 0.02381 0.02407 0.02431 0.02455
                                                            0.02474
0.02490 0.02503 0.02514 0.02522
 3755404.04 0.02198 0.02215 0.02237 0.02259
                                                            0.02275
0.02286 0.02296 0.02304 0.02310
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                            15:58:23
                            PAGE 74
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
           , L0003585 , L0003586
             L0003587 , L0003588 , L0003589 , L0003590 , L0003591
, L0003592
          , L0003593 , L0003594
             L0003595 , L0003596 , L0003597 , L0003598 , L0003599
, L0003600 , L0003601
                      , L0003602
             L0003603 , L0003604 , L0003605 , L0003606 , L0003607
, L0003608 , L0003609
                      , . . .
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                   X-COORD (METERS)
   Y-COORD
   (METERS) | 475365.62
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```
3755444.04
                0.02779
 3755424.04
                 0.02528
 3755404.04
                 0.02317
★ *** AERMOD - VERSION 21112
                         *** *** 2029 OPERATIONS - TRUCK PM
                              04/06/22
                            ***
*** AERMET - VERSION 16216 ***
                             15:58:23
                             PAGE 75
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0003582
                                                           , L0003583
, L0003584
            , L0003585
                        , L0003586
                       , L0003588 , L0003589 , L0003590
              L0003587
                                                            , L0003591
, L0003592
            , L0003593
                       , L0003594
                                                            , L0003599
              L0003595
                       L0003600
           , L0003601
                       , L0003602
                                    , L0003605
             L0003603
                                               , L0003606 , L0003607
                        , L0003604
, L0003608
            , L0003609
                              *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM_10 IN MICROGRAMS/M**3
   Y-COORD |
                                                     X-COORD (METERS)
               475230.47 475250.47 475270.47 475290.47 475310.47
   (METERS)
475330.47 475350.47
                                                  0.03549
 3755490.18 0.03410 0.03463 0.03509
                                                              0.03583
0.03603 0.03618
 3755470.18 | 0.03040 0.03079
                                    0.03114
                                               0.03143
                                                              0.03168
0.03184
           0.03194
 3755450.18
                 0.02745
                           0.02776
                                       0.02803
                                                   0.02824
                                                              0.02841
0.02854
           0.02863
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                             15:58:23
                             PAGE 76
                RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
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\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION

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***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003582
                                                                    , L0003583
, L0003584
             , L0003585
                          , L0003586
                          , L0003588
                                         , L0003589
                                                      , L0003590
                                                                    , L0003591
                L0003587
             , L0003593
 L0003592
                          , L0003594
                L0003595
                          , L0003596
                                         , L0003597
                                                      , L0003598
                                                                    , L0003599
             , L0003601
                          , L0003602
 L0003600
                           , L0003604
                                         , L0003605
                                                      , L0003606
                L0003603
                                                                    , L0003607
             , L0003609
 L0003608
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                           X-COORD (METERS)
    (METERS)
                  475254.84
                             475274.84 475294.84 475314.84
                                                                    475334.84
  3755513.80
                    0.04099
                                0.04167
                                             0.04222
                                                         0.04264
                                                                      0.04289
  3755493.80
                    0.03558
                                0.03605
                                             0.03645
                                                          0.03677
                                                                      0.03696
↑ *** AERMOD - VERSION 21112
                                 *** 2029 OPERATIONS - TRUCK PM
                                  04/06/22
                                 ***
 *** AERMET - VERSION 16216 ***
                      ***
                                15:58:23
                                PAGE 77
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003582
                                                                    , L0003583
, L0003584
             , L0003585
                           , L0003586
                          , L0003588
                L0003587
                                         , L0003589 , L0003590
                                                                  , L0003591
             , L0003593
                          , L0003594
 L0003592
                          , L0003596
                                                     , L0003598
                L0003595
                                         , L0003597
                                                                   , L0003599
, L0003600
             , L0003601
                          , L0003602
                           , L0003604
                                                      , L0003606
                L0003603
                                        , L0003605
                                                                    , L0003607
, L0003608
             , L0003609
                                 *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                           X-COORD (METERS)
    (METERS)
                  475293.48 475313.48 475333.48
                                                      475353.48
                                                                    475373,48
```

3755332.63 0.01770 0.01772 0.01775 0.01783 0.01791 3755312.63 0.01656 0.01661 0.01668 0.01676 0.01684 3755292.63 0.01559 0.01567 0.01574 0.01582 0.01588 3755272.63 l 0.01477 0.01484 0.01491 0.01498 0.01503 3755252.63 0.01403 0.01409 0.01416 0.01421 0.01425 3755232.63 0.01336 0.01341 0.01346 0.01350 0.01354 3755212.63 0.01274 0.01279 0.01282 0.01286 0.01289 \*\*\* 2029 OPERATIONS - TRUCK PM ↑ \*\*\* AERMOD - VERSION 21112 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:58:23 PAGE 78 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\* INCLUDING SOURCE(S): L0003582 , L0003583 , L0003584 , L0003585 , L0003586 , L0003588 , L0003590 L0003587 , L0003589 , L0003591 L0003592 , L0003593 , L0003594 L0003595 , L0003596 , L0003597 , L0003598 . L0003599 , L0003602 L0003600 , L0003601 L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD | X-COORD (METERS) (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04 3755633.6 0.12058 (11091107) 0.12517 (11091107) 0.09134 (11091107) 0.09453 (11091107) 0.09776 (11091107) 0.10109 (11091107) 0.10458 (11091107) 0.08099 (16062006) 3755603.6 l 0.08272 (16062006) 0.08437 (16062006) 0.08904 (11091107) 0.08624 (11091107) 3755588.6 0.07413 (16062006) 0.07556 (16062006) 0.07691 (16062006)

0.07988 (16062006)

0.06836 (16062006) 0.06956 (16062006)

0.07074 (16062006)

0.07837 (16062006)

3755573.6

```
0.07199 (16062006) 0.07325 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                  04/06/22
                      16216 ***
 *** AERMET - VERSION
                                 15:58:23
                                 PAGE 79
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  ***
                                 INCLUDING SOURCE(S):
                                                                      , L0003583
                                                         L0003582
, L0003584
              , L0003585
                           , L0003586
                           , L0003588
                                          , L0003589 , L0003590
                                                                      , L0003591
                L0003587
             , L0003593
 L0003592
                           , L0003594
                           , L0003596
                L0003595
                                          , L0003597
                                                       , L0003598
                                                                      , L0003599
 L0003600
             , L0003601
                           , L0003602
                           , L0003604
                                         , L0003605
                L0003603
                                                       , L0003606
                                                                    , L0003607
 L0003608
             , L0003609
                                  *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                             X-COORD (METERS)
  (METERS)
                  474766.04
                                          474781.04
                                                                  474796.04
                 0.13017 (11091107) 0.13550 (11091107)
                                                                 0.14037 (11091107)
3755633.6

    0.10854 (11091107)
    0.11253 (11091107)

    0.09208 (11091107)
    0.09512 (11091107)

                                                                 0.11524 (11091107)
3755618.6
3755603.6
                                                                 0.09703 (11091107)
                 0.08150 (16062006)
                                       0.08299 (16062006)
                                                                 0.08349 (16062006)
3755588.6
                                     0.07575 (16062006)
                 0.07456 (16062006)
                                                                 0.07608 (16062006)
3755573.6
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                   04/06/22
*** AERMET - VERSION 16216 ***
                                  ***
                                 15:58:23
                                 PAGE 80
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0003582
                                                                     , L0003583
, L0003584
             , L0003585
                           , L0003586
                           , L0003588
                L0003587
                                         , L0003589 , L0003590 , L0003591
, L0003592
             , L0003593
                         , L0003594
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, L0003596 , L0003597 , L0003598 , L0003599
               L0003595
, L0003600
            , L0003601
                         , L0003602
                         , L0003604
               L0003603
                                       , L0003605 , L0003606 , L0003607
. L0003608
             , L0003609
                                *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD
                                                        X-COORD (METERS)
  (METERS)
                474790.51
                                       474805.51
                                                             474820.51
     474835.51
                    474850.51
                0.09897 (11091107) 0.10084 (11091107) 0.10342 (11091107)
 3755606.1
                          0.11009 (11091107)
    0.10639 (11091107)
 3755591.1
                0.08470 (11091107)
                                      0.08618 (11091107) 0.08833 (11091107)
    0.09075 (11091107)
                          0.09360 (11091107)
 3755576.1 |
                0.07709 (16062006)
                                      0.07739 (16062006)
                                                           0.07851 (16062006)
                          0.08127 (16062006)
    0.07971 (16062006)
                                      0.07104 (16062006) 0.07201 (16062006)
 3755561.1
                0.07079 (16062006)
                          0.07435 (16062006)
    0.07307 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                      ***
                               04/06/22
 *** AERMET - VERSION 16216 ***
                     ***
                               15:58:23
                               PAGE 81
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003582
                                                                , L0003583
, L0003584
             , L0003585
                         , L0003586
                         , L0003588
                                       , L0003589 , L0003590 , L0003591
               L0003587
, L0003592
            , L0003593
                         , L0003594
                         , L0003596
                                      , L0003597
                                                   , L0003598
               L0003595
                                                                , L0003599
, L0003600
             , L0003601
                         , L0003602
                         , L0003604
                                      , L0003605 , L0003606 , L0003607
               L0003603
, L0003608
            , L0003609
                                *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM_10 IN MICROGRAMS/M**3
```

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Y-COORD |
                                                                               X-COORD (METERS)
  (METERS) | 474865.51 474880.51
                                                                                      474895.51

      3755606.1 |
      0.11413 (11091107)
      0.11842 (11091107)
      0.12313 (11091107)

      3755591.1 |
      0.09658 (11091107)
      0.09972 (11091107)
      0.10281 (11091107)

      3755576.1 |
      0.08325 (11091107)
      0.08565 (11091107)
      0.08785 (11091107)

      3755561.1 |
      0.07564 (16062006)
      0.07691 (16062006)
      0.07812 (16062006)

↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM 04/06/22
 *** AERMET - VERSION 16216 *** ***
                             ***
                                         15:58:23
                                           PAGE 82
                        RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                                      *** THE
                                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                            ***
VALUES FOR SOURCE GROUP: ALL
                                           INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
                  , L0003585
                                  , L0003586
                                   , L0003588 , L0003589 , L0003590 , L0003591
                     L0003587
                  , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599
, L0003592
                , L0003601     , L0003602
, L0003600
                    L0003603
                                   , L0003604 , L0003605 , L0003606 , L0003607
, L0003608        , L0003609
                                            *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD
                                                                               X-COORD (METERS)
  (METERS)
                  474800.90
                                                     474815.90

      3755623.3 |
      0.12331 (11091107)
      0.12713 (11091107)

      3755608.3 |
      0.10280 (11091107)
      0.10525 (11091107)

★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                       04/06/22
 *** AERMET - VERSION 16216 *** ***
                                           15:58:23
                                           PAGE 83
 *** MODELOPTs:
                        RegDFAULT CONC ELEV URBAN ADJ_U*
```

\*\*\* THE

1ST HIGHEST 1-HR AVERAGE CONCENTRATION

```
***
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0003582 , L0003583
                           , L0003586
, L0003584
             , L0003585
                           , L0003588
                                          , L0003589
                L0003587
                                                      , L0003590
                                                                     , L0003591
             , L0003593
 L0003592
                           , L0003594
                L0003595
                           , L0003596
                                          , L0003597 , L0003598
                                                                     , L0003599
             , L0003601
 L0003600
                           , L0003602
                           , L0003604
                                        , L0003605
                L0003603
                                                      , L0003606
                                                                     , L0003607
             , L0003609
, L0003608
                                  *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                 474820.81
                                          474835.81
3755622.5 | 0.12712 (11091107) 0.13180 (11091107)
3755607.5 | 0.10515 (11091107) 0.10821 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                  04/06/22
 *** AERMET - VERSION 16216 ***
                                ***
                                 15:58:23
                                 PAGE 84
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  ***
                                 INCLUDING SOURCE(S): L0003582
                                                                     , L0003583
, L0003584
             , L0003585
                          , L0003586
                           , L0003588
                                         , L0003589 , L0003590 , L0003591
                L0003587
             , L0003593
 L0003592
                          , L0003594
                           , L0003596
                                                     , L0003598
                                       , L0003597
                L0003595
                                                                    , L0003599
, L0003600
             , L0003601
                           , L0003602
                           , L0003604
                                        , L0003605 , L0003606 , L0003607
                L0003603
, L0003608
             , L0003609
                                  *** NETWORK ID: UCART5
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                 474838.93
                                         474853.93
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      3755615.4 |
      0.11988 (11091107)
      0.12442 (11091107)

      3755600.4 |
      0.10075 (11091107)
      0.10413 (11091107)

↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                   04/06/22
 *** AERMET - VERSION 16216 *** ***
                                  15:58:23
                                  PAGE 85
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  ***
                                  INCLUDING SOURCE(S): L0003582
                                                                      , L0003583
, L0003584
           , L0003585 , L0003586
                L0003587 , L0003588 , L0003589 , L0003590 , L0003591
, L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599
             , L0003601
, L0003600
                           , L0003602
                           , L0003604 , L0003605 , L0003606 , L0003607
                L0003603
, L0003608 , L0003609 , . . .
                                   *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                               X-COORD (METERS)
  (METERS) | 474857.73
                                         474872.73
 3755611.5 | 0.11941 (11091107) 0.12421 (11091107)
3755596.5 | 0.10064 (11091107) 0.10410 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                                 04/06/22
 *** AERMET - VERSION 16216 *** ***
                                 15:58:23
                       ***
                                  PAGE 86
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S): L0003582 , L0003583
                           , L0003586
. L0003584
              , L0003585
                            , L0003588 , L0003589 , L0003590 , L0003591
                 L0003587
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, L0003592 , L0003593 , L0003594
                                      , L0003597 , L0003598 , L0003599
               L0003595
                         , L0003596
 L0003600
            , L0003601
                        , L0003602
                        , L0003604
                                      , L0003605 , L0003606
              L0003603
                                                               , L0003607
, L0003608
            , L0003609
                               *** NETWORK ID: UCART7 : NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
                 **
 Y-COORD |
                                                       X-COORD (METERS)
 (METERS) | 475108.79
                                      475128.79
                                                           475148.79
     475168.79
                          475188.79
3755333.7 | 0.03703 (16062006) 0.03721 (16062006) 0.03741 (16062006)
    0.03766 (16062006)
                         0.03794 (16062006)
                0.03495 (16062006) 0.03511 (16062006) 0.03530 (16062006)
    0.03551 (16062006) 0.03575 (16062006)
3755293.7 l
                0.03310 (16062006)
                                     0.03324 (16062006) 0.03341 (16062006)
                         0.03378 (16062006)
    0.03358 (16062006)
                0.03144 (16062006)
                                     0.03156 (16062006) 0.03170 (16062006)
3755273.7
    0.03185 (16062006) 0.03202 (16062006)
3755253.7
                0.02991 (16062006)
                                     0.03003 (16062006)
                                                          0.03016 (16062006)
    0.03029 (16062006)
                         0.03043 (16062006)
3755233.7
                0.02851 (16062006)
                                     0.02863 (16062006) 0.02875 (16062006)
    0.02887 (16062006)
                         0.02899 (16062006)
3755213.7
                                                         0.02746 (16062006)
                0.02722 (16062006) 0.02734 (16062006)
                         0.02768 (16062006)
    0.02757 (16062006)
                0.02606 (16062006)
                                     0.02617 (16062006) 0.02629 (16062006)
3755193.7
    0.02639 (16062006)
                         0.02647 (16062006)
                                     0.02509 (16062006) 0.02519 (16062006)
                0.02498 (16062006)
                         0.02535 (16062006)
    0.02528 (16062006)
                                    0.02407 (16062006) 0.02416 (16062006)
                0.02398 (16062006)
    0.02424 (16062006) 0.02431 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              15:58:23
                              PAGE 87
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584 , L0003585 , L0003586
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, L0003588
                                                       , L0003590
                L0003587
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L0003592
             L0003593
                           , L0003594
                L0003595
                            , L0003596
                                          , L0003597
                                                        , L0003598
                                                                      , L0003599
 L0003600
              . L0003601
                           , L0003602
                                          , L0003605
                L0003603
                            , L0003604
                                                        , L0003606
                                                                      , L0003607
              , L0003609
 L0003608
                                  *** NETWORK ID: UCART7
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
                  **
 Y-COORD
                                                            X-COORD (METERS)
  (METERS)
                  475208.79
                                          475228.79
                                                                 475248.79
     475268.79
                             475288.79
                 0.03820 (16062006)
                                         0.03844 (16062006)
                                                                0.03872 (16062006)
3755333.7
    0.03902 (16062006)
                            0.03920 (16062006)
3755313.7
                 0.03597 (16062006)
                                         0.03617 (16062006)
                                                                0.03637 (16062006)
    0.03658 (16062006)
                            0.03675 (16062006)
3755293.7
                 0.03398 (16062006)
                                         0.03415 (16062006)
                                                                0.03431 (16062006)
    0.03447 (16062006)
                            0.03463 (16062006)
3755273.7
                 0.03219 (16062006)
                                         0.03234 (16062006)
                                                                0.03249 (16062006)
    0.03263 (16062006)
                            0.03278 (16062006)
                 0.03058 (16062006)
                                         0.03072 (16062006)
                                                                0.03086 (16062006)
3755253.7
    0.03100 (16062006)
                            0.03113 (16062006)
                 0.02912 (16062006)
                                                                0.02938 (16062006)
                                         0.02926 (16062006)
                            0.02961 (16062006)
    0.02950 (16062006)
                 0.02779 (16062006)
3755213.7
                                         0.02791 (16062006)
                                                                0.02803 (16062006)
                            0.02823 (16062006)
    0.02814 (16062006)
3755193.7
                 0.02657 (16062006)
                                         0.02668 (16062006)
                                                                0.02678 (16062006)
                            0.02695 (16062006)
    0.02687 (16062006)
3755173.7
                 0.02544 (16062006)
                                         0.02554 (16062006)
                                                                0.02562 (16062006)
                            0.02577 (16062006)
    0.02570 (16062006)
3755153.7
                 0.02439 (16062006)
                                         0.02447 (16062006)
                                                                0.02455 (16062006)
    0.02462 (16062006)
                            0.02469 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                        ***
                                  04/06/22
 *** AERMET - VERSION 16216 ***
                      ***
                                 15:58:23
                                 PAGE 88
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0003582
                                                                     , L0003583
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, L0003584
         , L0003585 , L0003586
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 L0003592
            , L0003593
                        , L0003594
                        , L0003596 , L0003597
                                                 , L0003598
                                                               , L0003599
              L0003595
            , L0003601
 L0003600
                        , L0003602
               L0003603
                        , L0003604
                                      , L0003605 , L0003606
                                                               , L0003607
            , L0003609
, L0003608
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM_10 IN MICROGRAMS/M**3
 Y-COORD
                                                       X-COORD (METERS)
 (METERS) 475151.63
                                      475171.63
                                                           475191.63
     475211.63
                         475231.63
                                   0.04727 (16062006) 0.04762 (16062006)
3755398.3
               0.04689 (16062006)
    0.04798 (16062006) 0.04840 (16062006)
               0.04355 (16062006) 0.04386 (16062006) 0.04413 (16062006)
3755378.3
    0.04444 (16062006)
                         0.04484 (16062006)
               0.04061 (16062006)
                                     0.04088 (16062006) 0.04111 (16062006)
3755358.3
    0.04140 (16062006)
                         0.04176 (16062006)
3755338.3
               0.03799 (16062006)
                                     0.03825 (16062006) 0.03852 (16062006)
    0.03879 (16062006) 0.03905 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 ***
                              15:58:23
                              PAGE 89
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                              ***
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
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                        , L0003588
              L0003587
                                   , L0003589 , L0003590 , L0003591
            , L0003593
, L0003592
                        , L0003594
                                                             , L0003599
               L0003595
                        , L0003596 , L0003597 , L0003598
, L0003600
            , L0003601
                        , L0003602
                        , L0003604 , L0003605 , L0003606 , L0003607
              L0003603
, L0003608
            , L0003609
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
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Y-COORD |
                                                            X-COORD (METERS)
  (METERS) | 475251.63
                                         475271.63
                                                                 475291.63
     475311.63
                     475331.63
3755398.3 | 0.04875 (16062006) 0.04903 (16062006) 0.04924 (16062006)
    0.04943 (16062006) 0.04959 (16062006)
                                       0.04549 (16062006) 0.04566 (16062006)
3755378.3
                 0.04521 (16062006)
    0.04210 (16062006) 0.04239 (16062006) 0.04255 (16062006)
    0.04266 (16062006) 0.04276 (16062006)
                 0.03935 (16062006) 0.03964 (16062006) 0.03982 (16062006)
3755338.3
    0.03989 (16062006) 0.03997 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                                 15:58:23
                                 PAGE 90
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584
             , L0003585 , L0003586
                           , L0003588
                                         , L0003589 , L0003590 , L0003591
               L0003587
, L0003592 , L0003593 , L0003594
               L0003595 , L0003596 , L0003597 , L0003598 , L0003599
                           , L0003602
 L0003600 , L0003601
                                       , L0003605 , L0003606 , L0003607
                L0003603
                         , L0003604
, L0003608
            , L0003609
                                 *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                475351.63
                                        475371.63

      3755398.3 |
      0.04973 (16062006)
      0.04986 (16062006)

      3755378.3 |
      0.04604 (16062006)
      0.04618 (16062006)

      3755358.3 |
      0.04287 (16062006)
      0.04299 (16062006)
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3755338.3 | 0.04008 (16062006) 0.04022 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              15:58:23
                              PAGE 91
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                                                               , L0003583
                              INCLUDING SOURCE(S):
                                                   L0003582
, L0003584
            , L0003585
                        , L0003586
                                      , L0003589 , L0003590 , L0003591
              L0003587 , L0003588
           , L0003593 , L0003594
 L0003592
                                      , L0003597 , L0003598 , L0003599
                         , L0003596
              L0003595
                        , L0003602
 L0003600
           , L0003601
                                    , L0003605 , L0003606 , L0003607
               L0003603 , L0003604
            , L0003609
 L0003608
                               *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                       X-COORD (METERS)
  (METERS) |
                 475185.62
                                      475205.62
                                                            475225.62
     475245.62
                          475265.62
3755444.0 | 0.05731 (16062006) 0.05793 (16062006) 0.05852 (16062006)
    0.05909 (16062006)
                         0.05957 (16062006)
                                    0.05310 (16062006) 0.05356 (16062006)
3755424.0
                0.05260 (16062006)
                         0.05440 (16062006)
    0.05402 (16062006)
                                    0.04895 (16062006) 0.04936 (16062006)
                0.04857 (16062006)
    0.04977 (16062006) 0.05007 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              15:58:23
                              PAGE 92
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0003582 , L0003583
, L0003584 , L0003585 , L0003586
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, L0003588
                                         , L0003589 , L0003590 , L0003591
                L0003587
L0003592
             , L0003593
                          , L0003594
                           , L0003596
                                         , L0003597
                L0003595
                                                      , L0003598
                                                                    , L0003599
             , L0003601
                          , L0003602
 L0003600
                                         , L0003605
                                                      , L0003606
                L0003603
                           , L0003604
                                                                    , L0003607
             , L0003609
 L0003608
                                 *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
                  **
  Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                  475285.62
                                         475305.62
                                                                475325.62
                            475365.62
     475345.62
 3755444.0
                 0.05998 (16062006) 0.06032 (16062006)
                                                          0.06059 (16062006)
    0.06080 (16062006)
                           0.06094 (16062006)
 3755424.0 l
                 0.05472 (16062006)
                                        0.05499 (16062006)
                                                             0.05522 (16062006)
                           0.05553 (16062006)
    0.05539 (16062006)
 3755404.0
                 0.05031 (16062006)
                                        0.05053 (16062006) 0.05070 (16062006)
                           0.05099 (16062006)
    0.05085 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                        ***
                                 04/06/22
                      16216 ***
 *** AERMET - VERSION
                      ***
                                15:58:23
                                PAGE 93
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003582
                                                                    , L0003583
             , L0003585
, L0003584
                           , L0003586
                          , L0003588
                L0003587
                                         , L0003589 , L0003590
                                                                    , L0003591
, L0003592
             , L0003593
                          , L0003594
                           , L0003596
                                        , L0003597
                L0003595
                                                      , L0003598
                                                                    , L0003599
, L0003600
             , L0003601
                           , L0003602
                          , L0003604
                                        , L0003605
                L0003603
                                                      , L0003606
                                                                    , L0003607
, L0003608
             , L0003609
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

```
Y-COORD
                                                             X-COORD (METERS)
  (METERS) | 475230.47 475250.47
                                                                  475270.47
     475290.47
                            475310.47
3755490.2 | 0.07498 (11091107) 0.07709 (11091107) 0.07902 (11091107)
    0.08074 (11091107) 0.08225 (11091107)
                 0.06681 (16062006)
                                         0.06755 (16062006) 0.06822 (16062006)
3755470.2
    0.06877 (16062006) 0.06924 (16062006)
3755450.2
                                         0.06098 (16062006) 0.06149 (16062006)
                 0.06039 (16062006)
    0.06191 (16062006) 0.06225 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                        ***
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                                 15:58:23
                                 PAGE 94
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0003582 , L0003583
             , L0003585 , L0003586
, L0003584
                                         , L0003589 , L0003590 , L0003591
                L0003587 , L0003588
            , L0003593 , L0003594
, L0003592
                L0003595 , L0003596 , L0003597 , L0003598 , L0003599
, L0003600
                           , L0003602
            , L0003601
                L0003603 , L0003604 , L0003605 , L0003606 , L0003607
, L0003608
            , L0003609
                                  *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                             X-COORD (METERS)
  (METERS)
              475330.47
                                475350.47

      3755490.2 |
      0.08350 (11091107)
      0.08449 (11091107)

      3755470.2 |
      0.06998 (11091107)
      0.07089 (11091107)

      3755450.2 |
      0.06253 (16062006)
      0.06272 (16062006)

↑ *** AERMOD - VERSION 21112 *** *** 2029 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                               15:58:23
```

PAGE 95 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\* VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003582 , L0003583 , L0003584 , L0003586 , L0003585 , L0003588 , L0003589 , L0003590 , L0003591 L0003587 , L0003594 , L0003593 L0003592 , L0003597 , L0003598 , L0003599 , L0003596 L0003595 L0003600 , L0003601 , L0003602 , L0003604 L0003603 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 \*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 \*\* Y-COORD X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84 3755513.8 | 0.09821 (11091107) 0.10084 (11091107) 0.10308 (11091107) 0.10635 (11091107) 0.10493 (11091107) 3755493.8 0.08021 (11091107) 0.08219 (11091107) 0.08393 (11091107) 0.08666 (11091107) 0.08543 (11091107) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 15:58:23 PAGE 96 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003582 , L0003583 , L0003584 , L0003585 , L0003586 , L0003589 , L0003590 , L0003588 L0003587 , L0003591 , L0003592 , L0003593 , L0003594 , L0003596 , L0003597 , L0003598 L0003595 , L0003599 , L0003602 , L0003600 , L0003601 , L0003604 L0003603 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE:

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD X-COORD (METERS) (METERS) | 475293.48 475313.48 475333.48 475373.48 475353.48 3755332.6 | 0.03909 (16062006) 0.03917 (16062006) 0.03925 (16062006) 0.03937 (16062006) 0.03951 (16062006) 0.03666 (16062006) 0.03677 (16062006) 0.03690 (16062006) 0.03702 (16062006) 0.03715 (16062006) 0.03456 (16062006) 0.03469 (16062006) 0.03482 (16062006) 3755292.6 0.03494 (16062006) 0.03504 (16062006) 0.03272 (16062006) 0.03285 (16062006) 0.03296 (16062006) 3755272.6 0.03307 (16062006) 0.03315 (16062006) 0.03107 (16062006) 0.03118 (16062006) 0.03128 (16062006) 3755252.6 0.03136 (16062006) 0.03143 (16062006) 0.02956 (16062006) 0.02966 (16062006) 0.02974 (16062006) 3755232.6 0.02981 (16062006) 0.02986 (16062006) 0.02818 (16062006) 0.02826 (16062006) 0.02833 (16062006) 3755212.6 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 15:58:23 PAGE 97 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID ALL 1ST HIGHEST VALUE IS 0.05497 AT ( 474796.04, 3755633.62, 496.60, 789.90, 0.00) GC UCART1 2ND HIGHEST VALUE IS 0.05357 AT ( 474781.04, 3755633.62, 497.00,

700 00 0 00) 66 11648774				
789.90, 0.00) GC UCART1 3RD HIGHEST VALUE IS	0.05226 AT (	<i>474</i> 835 81	3755622 54	494 80
789.90, 0.00) GC UCART4	0.03220 AT (	474033.01,	3733022.54	454.00,
4TH HIGHEST VALUE IS	0.05200 AT (	474766.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1	0 05000 AT (	474015 00	2755622 25	405.20
5TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3	0.05089 AT (	4/4815.90,	3/55623.35,	495.20,
6TH HIGHEST VALUE IS	0.05087 AT (	474820.81,	3755622.54,	495.00,
789.90, 0.00) GC UCART4	•	-	_	
7TH HIGHEST VALUE IS	0.05054 AT (	474751.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1 8TH HIGHEST VALUE IS	0.04995 AT (	474853.93.	3755615.41.	493.60.
789.90, 0.00) GC UCART5	0101333711 (	., .055,755,	3,33013111	.55,00,
9TH HIGHEST VALUE IS	0.04988 AT (	474872.73,	3755611.53,	493.50,
789.90, 0.00) GC UCART6	0 04000 AT (	474900 00	2755622 25	405.00
10TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3	0.04980 AT (	474800.90,	3/55623.35,	495.80,
705150, 0100) de 00111115				
*** RECEPTOR TYPES: GC = GRIDCA				
GP = GRIDPO				
DC = DISCCA				
DP = DISCPO		TTONG TOUG	SIZ DM	
*** AERMOD - VERSION 21112 ***	04/06/22	ATTONS - TRUC	LK PM	
*** AERMET - VERSION 16216 ***	04/06/22 ***			
***				
	13.30.23			
	PAGE 98			
*** MODELOPTs: RegDFAULT CON	IC ELEV URBAN A	.DJ_U*		
	**	* THE SUMMAR	V OE HIGHEST	r 1_⊔D
RESULTS ***		THE SOMMAN	AT OF HITCHES	1-1110
**	** CONC OF PM_	10 IN MIC	ROGRAMS/M**3	3
**				
		DATE		
	NETWORK			
GROUP ID	AVERAGE CONC	(YYMMDDHH)		RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID			
ALL HIGH 1ST HIGH VALUE IS	0.14037 C	N 11091107·	AT ( 474796	5.04.
3755633.62, 496.60, 789.90,			A1 ( 4/4/30	,. <sub></sub> ,
,,,,,	3.55, 55 56/11	· - <del></del>		

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2029 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 15:58:23

PAGE 99

\*\*\* 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 4 Warning Message(s)

A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified ( 2.40 Percent)

\*\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*\*

ME W186 917 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used

0.50

ME W187 917 MEOPEN: ADJ U\* Option for Stable Low Winds used in AERMET

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:

14010101

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:

2 year gap

\*\*\*\*\*\*\*\*\*\*\*

\*\*\* AERMOD Finishes Successfully \*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall TR 2036\MVMall TR 2036.ADI
************
**
**
***********
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2036 Operations - Truck PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL MVMall TR 2036.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 SR60 EB
** PREFIX
** Length of Side = 15.00
** Configuration = Adjacent
** Emission Rate = 0.00183
** Vertical Dimension = 5.44
** SZINIT = 2.53
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
** 475301.985, 3755606.087, 502.95, 2.72, 6.98
```

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*						
	LOCATION	L0003988				
	LOCATION	L0003989	VOLUME	473542.834	3755953.817	486.73
	LOCATION	L0003990	VOLUME	473557.526	3755950.791	487.18
	LOCATION		VOLUME		3755947.764	487.68
	LOCATION	L0003992	VOLUME	473586.909	3755944.738	488.22
	LOCATION	L0003993	VOLUME	473601.600	3755941.711	488.82
	LOCATION	L0003994	VOLUME	473616.292	3755938.685	489.44
	LOCATION	L0003995	VOLUME	473630.983	3755935.658	490.04
	LOCATION	L0003996	VOLUME	473645.675	3755932.632	490.60
	LOCATION	L0003997	VOLUME	473660.366	3755929.605	491.17
	LOCATION	L0003998	VOLUME	473675.058	3755926.579	491.73
	LOCATION	L0003999			3755923.552	
	LOCATION	L0004000			3755920.525	
	LOCATION	L0004001	VOLUME	473719.132	3755917.499	493.03
	LOCATION	L0004002	VOLUME	473733.824	3755914.472	493.49
	LOCATION	L0004003	VOLUME	473748.515	3755911.446	493.96
	LOCATION	L0004004	VOLUME	473763.207	3755908.419	494.44
	LOCATION	L0004005	VOLUME	473777.898	3755905.393	494.94
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	LOCATION	L0004007	VOLUME	473807.281	3755899.340	495.88
	LOCATION	L0004008	VOLUME	473821.973	3755896.313	496.27
	LOCATION	L0004009			3755893.287	
	LOCATION				3755890.260	
	LOCATION	L0004011	VOLUME	473866.047	3755887.234	497.09
	LOCATION	L0004012	VOLUME	473880.739	3755884.207	497.45
	LOCATION	L0004013	VOLUME	473895.430	3755881.180	497.87
	LOCATION	L0004014	VOLUME	473910.122	3755878.154	498.36
	LOCATION	L0004015	VOLUME		3755875.127	
		L0004016	VOLUME		3755872.101	
		L0004017	VOLUME		3755869.074	
		L0004018			3755866.048	
					3755863.021	
					3755859.995	
					3755856.968	
	LOCATION		VOLUME		3755853.942	
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		L0004024	VOLUME		3755847.888	
	LOCATION		VOLUME		3755844.862	
	LOCATION		VOLUME		3755841.835	
	LOCATION		VOLUME		3755838.809	
	LOCATION		VOLUME		3755835.782	
	LOCATION		VOLUME		3755832.756	
		L0004030	VOLUME		3755829.729	
		L0004031	VOLUME		3755826.703	
	LOCATION		VOLUME		3755823.676	
	LOCATION		VOLUME		3755820.650	
	LOCATION		VOLUME		3755817.623	
	LOCATION	L0004035	VOLUME	474218.643	3755814.597	498.25

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LOCATION L0004045
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LOCATION L0004048
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LOCATION L0004049
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LOCATION L0004052
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LOCATION L0004055
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LOCATION L0004060
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LOCATION L0004061
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                      VOLUME
LOCATION L0004072
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LOCATION L0004073
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LOCATION L0004074
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LOCATION L0004078
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LOCATION L0004081
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                      VOLUME
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                               475129.999 3755629.335 504.32
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LOCATION L0004098
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LOCATION L0004099
                      VOLUME
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                               475174.128 3755620.525 504.03
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LOCATION L0004102
                      VOLUME
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LOCATION L0004108
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                               475308.152 3755606.185 502.88
LOCATION L0004109
                      VOLUME
LOCATION L0004110
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                      VOLUME
LOCATION L0004111
                      VOLUME
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LOCATION L0004112
                      VOLUME
                               475353.146 3755606.896 502.80
LOCATION L0004113
                      VOLUME
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LOCATION L0004114
                      VOLUME
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LOCATION L0004115
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LOCATION L0004116
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LOCATION L0004117
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LOCATION L0004118
                      VOLUME
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LOCATION L0004121
                      VOLUME
LOCATION L0004122
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LOCATION L0004123
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** ______
** Line Source Represented by Adjacent Volume Sources
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** DESCRSRC SR60 WB
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.00183
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LOCATION L00043	85 VOLUME	473638.256	3755958.817	490.91
LOCATION L00043	86 VOLUME	473623.570	3755961.870	490.51
LOCATION L00043	87 VOLUME	473608.884	3755964.922	489.61
LOCATION L00043	88 VOLUME	473594.198	3755967.975	488.62
LOCATION L00043	89 VOLUME	473579.511	3755971.027	487.86
LOCATION L00043	90 VOLUME	473564.825	3755974.079	487.24
LOCATION L00043	91 VOLUME	473550.139	3755977.132	486.77
LOCATION L00043	92 VOLUME	473535.453	3755980.184	486.30
LOCATION L00043	93 VOLUME	473520.767	3755983.236	485.87
Find a C LITHE MOL	LIME Carrage ID	CLINES		

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* LINE VOLUME Source ID = SLINE1

<sup>\*\*</sup> Source Parameters \*\*

SRCPARAM	L0003988	0.000009015	2.72
SRCPARAM	L0003989	0.000009015	2.72
SRCPARAM	L0003990	0.000009015	2.72
SRCPARAM	L0003991	0.000009015	2.72
65654544			

6.98 2.53 6.98 2.53 SRCPARAM L0003992 6.98 2.53 0.000009015 2.72 SRCPARAM L0003993 0.000009015 2.72 6.98 2.53 SRCPARAM L0003994 6.98 0.000009015 2.72 2.53 SRCPARAM L0003995 2.72 2.53 0.000009015 6.98 SRCPARAM L0003996 0.000009015 2.72 6.98 2.53 SRCPARAM L0003997 0.000009015 2.72 6.98 2.53 SRCPARAM L0003998 0.000009015 2.72 6.98 2.53 SRCPARAM L0003999 0.000009015 2.72 6.98 2.53 SRCPARAM L0004000 0.000009015 2.72 6.98 2.53 SRCPARAM L0004001 0.000009015 2.72 6.98 2.53 SRCPARAM L0004002 0.000009015 2.72 6.98 2.53 SRCPARAM L0004003 6.98 0.000009015 2.72 2.53 SRCPARAM L0004004 2.72 6.98 2.53 0.000009015 SRCPARAM L0004005 0.000009015 2.72 6.98 2.53 SRCPARAM L0004006 0.000009015 2.72 6.98 2.53 SRCPARAM L0004007 0.000009015 2.72 6.98 2.53

6.98

6.98

2.53

2.53

SRCPARAM	L0004008	0.000009015	2.72	6.98	2.53
	L0004009	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004010	0.000009015	2.72	6.98	2.53
	L0004011	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004012	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004013	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004014	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004015	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004016	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004017	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004018	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004019	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004020	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004021	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004022	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004023	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004024	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004025	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004026	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004027	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004028	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004029	0.000009015	2.72	6.98	2.53
	L0004030	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004031	0.000009015	2.72	6.98	2.53
	L0004032	0.000009015	2.72	6.98	2.53
	L0004033	0.000009015	2.72	6.98	2.53
	L0004034	0.000009015	2.72	6.98	2.53
	L0004035	0.000009015	2.72	6.98	2.53
	L0004036	0.000009015	2.72	6.98	2.53
	L0004037	0.000009015	2.72	6.98	2.53
	L0004038	0.000009015	2.72	6.98	2.53
	L0004039	0.000009015	2.72	6.98	2.53
	L0004040	0.000009015	2.72	6.98	2.53
	L0004041	0.000009015	2.72	6.98	2.53
	L0004042	0.000009015	2.72	6.98	2.53
	L0004043	0.000009015	2.72	6.98	2.53
	L0004044	0.000009015	2.72	6.98	2.53
	L0004045	0.000009015	2.72	6.98	2.53
	L0004046	0.000009015	2.72	6.98	2.53
	L0004047	0.000009015	2.72	6.98	2.53
	L0004048	0.000009015	2.72	6.98	2.53
	L0004048	0.000009015	2.72	6.98	2.53
	L0004049 L0004050	0.000009015	2.72	6.98	2.53
	L0004051	0.000009015	2.72	6.98	2.53
	L0004051	0.000009015	2.72	6.98	2.53
	L0004052	0.000009015	2.72	6.98	2.53
	L0004053	0.000009015	2.72	6.98	2.53
	L0004054	0.000009015	2.72	6.98	2.53
	L0004056	0.000009015	2.72	6.98	2.53
SKCPAKAM	L0004057	0.000009015	2.72	6.98	2.53

SRCPARAM	L0004058	0.000009015	2.72	6.98	2.53
	L0004059	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004060	0.000009015	2.72	6.98	2.53
	L0004061	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004062	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004063	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004064	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004065	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004066	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004067	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004068	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004069	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004070	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004071	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004072	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004073	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004074	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004075	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004076	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004077	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004078	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004079	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004080	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004081	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004082	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004083	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004084	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004085	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004086	0.000009015	2.72	6.98	2.53
	L0004087	0.000009015	2.72	6.98	2.53
	L0004088	0.000009015	2.72	6.98	2.53
	L0004089	0.000009015	2.72	6.98	2.53
	L0004090	0.000009015	2.72	6.98	2.53
	L0004091	0.000009015	2.72	6.98	2.53
	L0004092	0.000009015	2.72	6.98	2.53
	L0004093	0.000009015	2.72	6.98	2.53
	L0004094	0.000009015	2.72	6.98	2.53
	L0004095	0.000009015	2.72	6.98	2.53
	L0004096	0.000009015	2.72	6.98	2.53
	L0004097	0.000009015	2.72	6.98	2.53
	L0004098	0.000009015	2.72	6.98	2.53
	L0004099	0.000009015	2.72	6.98	2.53
	L0004100	0.000009015	2.72	6.98	2.53
	L0004101	0.000009015	2.72	6.98	2.53
	L0004102	0.000009015	2.72	6.98	2.53
	L0004102	0.000009015	2.72	6.98	2.53
	L0004103	0.000009015	2.72	6.98	2.53
	L0004104	0.000009015	2.72	6.98	2.53
	L0004105	0.000009015	2.72	6.98	2.53
	L0004100 L0004107	0.000009015	2.72	6.98	2.53
JINCFARAM	F000+101	0.0000000	4.14	0.90	۷.33

	L0004108	0.000009015	2.72	6.98	2.53
	L0004109	0.000009015	2.72	6.98	2.53
	L0004110	0.000009015	2.72	6.98	2.53
	L0004111	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004112	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004113	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004114	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004115	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004116	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004117	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004118	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004119	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004120	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004121	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004122	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004123	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004124	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004125	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004126	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004127	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004128	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004129	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004130	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004131	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004132	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004133	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004134	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004135	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004136	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004137	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004138	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004139	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004140	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004141	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004142	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004143	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004144	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004145	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004146	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004147	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004148	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004149	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004150	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004151	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004152	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004153	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004154	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004155	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004156	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004157	0.000009015	2.72	6.98	2.53

SRCPAI	RAM L0004158	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004159	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004160	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004161	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004162	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004163	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004164			6.98		
	RAM L0004165				2.53	
	RAM L0004166				2.53	
	RAM L0004167				2.53	
	RAM L0004168				2.53	
	RAM L0004169				2.53	
	RAM L0004109			6.98	2.53	
	RAM L0004170			6.98		
	RAM L0004171			6.98		
	RAM L0004172 RAM L0004173				2.53	
	RAM L0004174				2.53	
	RAM L0004175				2.53	
	RAM L0004176				2.53	
	RAM L0004177				2.53	
	RAM L0004178			6.98		
	RAM L0004179				2.53	
	RAM L0004180				2.53	
	RAM L0004181				2.53	
SRCPAI	RAM L0004182	0.000009015			2.53	
SRCPAI	RAM L0004183	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004184	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004185	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004186	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004187	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004188	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004189	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004190	0.000009015	2.72	6.98	2.53	
**						
** LINE \	VOLUME Source	e ID = SLINE2				
SRCPAI	RAM L0004191	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004192	0.000009015	2.72	6.98	2.53	
SRCPAI	RAM L0004193	0.000009015	2.72	6.98	2.53	
	RAM L0004194		2.72	6.98	2.53	
	RAM L0004195	0.000009015	2.72	6.98	2.53	
	RAM L0004196		2.72	6.98	2.53	
	RAM L0004197		2.72	6.98	2.53	
	RAM L0004198		2.72	6.98	2.53	
	RAM L0004199		2.72	6.98	2.53	
	RAM L0004199		2.72	6.98	2.53	
	RAM L0004200	0.000009015	2.72	6.98	2.53	
	RAM L0004201 RAM L0004202	0.000009015	2.72	6.98	2.53	
	RAM L0004202 RAM L0004203	0.000009015	2.72	6.98	2.53	
	RAM L0004203 RAM L0004204		2.72	6.98	2.53	
SKCPAI	RAM L0004205	0.000009015	2.72	6.98	2.53	

SRCPARAM	L0004206	0.000009015	2.72	6.98	2.53
	L0004207	0.000009015	2.72	6.98	2.53
	L0004208	0.000009015	2.72	6.98	2.53
	L0004209	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004210	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004211	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004212	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004213	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004214	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004215	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004216	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004217	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004218	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004219	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004220	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004221	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004222	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004223	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004224	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004225	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004226	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004227	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004228	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004229	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004230	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004231	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004232	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004233	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004234	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004235	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004236	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004237	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004238	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004239	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004240	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004241	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004242	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004243	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004244	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004245	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004246	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004247	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004248	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004249	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004250	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004251	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004252	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004253	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004254	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004255	0.000009015	2.72	6.98	2.53

SRCPARAM	L0004256	0.000009015	2.72	6.98	2.53
	L0004257	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004258	0.000009015	2.72	6.98	2.53
	L0004259	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004260	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004261	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004262	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004263	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004264	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004265	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004266	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004267	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004268	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004269	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004270	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004271	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004272	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004273	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004274	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004275	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004276	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004277	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004278	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004279	0.000009015	2.72	6.98	2.53
	L0004280	0.000009015	2.72	6.98	2.53
	L0004281	0.000009015	2.72	6.98	2.53
	L0004282	0.000009015	2.72	6.98	2.53
	L0004283	0.000009015	2.72	6.98	2.53
	L0004284	0.000009015	2.72	6.98	2.53
	L0004285	0.000009015	2.72	6.98	2.53
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SF	RCPARAM	L0004366	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004367	0.000009015	2.72	6.98	2.53	
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SF	RCPARAM	L0004369	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004370	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004371	0.000009015	2.72	6.98	2.53	
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SF	RCPARAM	L0004373	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004374	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004375	0.000009015	2.72	6.98	2.53	
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SF	RCPARAM	L0004377	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004378	0.000009015	2.72	6.98	2.53	
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SF	RCPARAM	L0004380	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004381	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004382	0.000009015	2.72	6.98	2.53	
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SF	RCPARAM	L0004387	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004388	0.000009015	2.72	6.98	2.53	
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SF	RCPARAM	L0004391	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004392	0.000009015	2.72	6.98	2.53	
SF	RCPARAM	L0004393	0.000009015	2.72	6.98	2.53	
	RBANSRC						
	RCGROUP	ALL					
	INISHED						
**				dist			
			*************	<b>ተ</b> ተ			
		ceptor Pathwa	•	**			
	*******************						

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RE STARTING
INCLUDED MVMall\_TR\_2036.rou

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RE FINISHED
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  SURFFILE PERI V9 ADJU\PERI v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\MVMall TR 2036\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
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  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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  RECTABLE 1 1ST
** Auto-Generated Plotfiles
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  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall TR 2036\MVMALL TR 2036.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall_TR_2036\MVMall_TR_2036.sum"
OU FINISHED
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** DESCPTN UTM: Universal Transverse Mercator
** DATUM
          World Geodetic System 1984
** DTMRGN
        Global Definition
** UNITS
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** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL TR 2036\MVMALL TR 2036.ADI
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**
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** AERMOD CONTROL PATHWAY
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**
CO STARTING
  TITLEONE 2036 OPERATIONS - TRUCK PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL MVMALL_TR_2036.ERR
CO FINISHED
**
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** AERMOD SOURCE PATHWAY
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**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** _____
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC SR60 EB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00183
** VERTICAL DIMENSION = 5.44
** SZINIT = 2.53
** NODES = 5
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** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
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\*\* 475301.985, 3755606.087, 502.95, 2.72, 6.98

\*\* 476529.628, 3755625.490, 502.55, 2.72, 6.98

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LOCATION L0004042
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LOCATION L0004104
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LOCATION L0004109
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** PREFIX
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** CONFIGURATION = ADJACENT
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   LOCATION L0004393
                                   473520.767 3755983.236 485.87
                         VOLUME
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** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
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- SRCPARAM LAAA3988 0 000000015

LINE VOLUME SOUNCE ID	J			
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JICI ANAIT	2000 12J7	2.0000000	/-	3.20	,_

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	L0004283	0.000009015	2.72	6.98	2.53
	L0004284	0.000009015	2.72	6.98	2.53
	L0004285	0.000009015	2.72	6.98	2.53
	L0004286	0.000009015	2.72	6.98	2.53
	L0004287	0.000009015	2.72	6.98	2.53
	L0004288	0.000009015	2.72	6.98	2.53
	L0004289	0.000009015	2.72	6.98	2.53
	L0004290	0.000009015	2.72	6.98	2.53
	L0004291	0.000009015	2.72	6.98	2.53
	L0004291	0.000009015	2.72	6.98	2.53
	L0004293	0.000009015	2.72	6.98	2.53
	L0004293	0.000009015	2.72	6.98	2.53
	L0004294	0.000009015	2.72	6.98	2.53
	L0004295	0.000009015	2.72	6.98	2.53
	L0004290 L0004297	0.000009015	2.72	6.98	2.53
	L0004297	0.000009015	2.72	6.98	2.53
	L0004298	0.000009015	2.72	6.98	2.53
	L0004299 L0004300	0.000009015	2.72	6.98	2.53
	L0004300 L0004301	0.000009015	2.72	6.98	2.53
	L0004302	0.000009015	2.72	6.98	2.53
	L0004303	0.000009015	2.72	6.98	2.53
SKCPAKAM	L0004304	0.000009015	2.72	6.98	2.53

SRCPARAM	L0004305	0.000009015	2.72	6.98	2.53
	L0004306	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004307	0.000009015	2.72	6.98	2.53
	L0004308	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004309	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004310	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004311	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004312	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004313	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004314	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004315	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004316	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004317	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004318	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004319	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004320	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004321	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004322	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004323	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004324	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004325	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004326	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004327	0.000009015	2.72	6.98	2.53
SRCPARAM	L0004328	0.000009015	2.72	6.98	2.53
	L0004329	0.000009015	2.72	6.98	2.53
	L0004330	0.000009015	2.72	6.98	2.53
	L0004331	0.000009015	2.72	6.98	2.53
	L0004332	0.000009015	2.72	6.98	2.53
	L0004333	0.000009015	2.72	6.98	2.53
	L0004334	0.000009015	2.72	6.98	2.53
	L0004335	0.000009015	2.72	6.98	2.53
	L0004336	0.000009015	2.72	6.98	2.53
	L0004337	0.000009015	2.72	6.98	2.53
	L0004338	0.000009015	2.72	6.98	2.53
	L0004339	0.000009015	2.72	6.98	2.53
	L0004340	0.000009015	2.72	6.98	2.53
	L0004341	0.000009015	2.72	6.98	2.53
	L0004342	0.000009015	2.72	6.98	2.53
	L0004343	0.000009015	2.72	6.98	2.53
	L0004344	0.000009015	2.72	6.98	2.53
	L0004345	0.000009015	2.72	6.98	2.53
	L0004345	0.000009015	2.72	6.98	2.53
	L0004347	0.000009015	2.72	6.98	2.53
	L0004347	0.000009015	2.72	6.98	2.53
	L0004348	0.000009015	2.72	6.98	2.53
	L0004349	0.000009015	2.72		2.53
	L0004350 L0004351	0.000009015	2.72	6.98 6.98	2.53
	L0004351 L0004352	0.000009015	2.72	6.98	2.53
			2.72		2.53
	L0004353	0.000009015		6.98	
SKCPAKAM	L0004354	0.000009015	2.72	6.98	2.53

	SRCPARAM	L0004355	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004356	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004357	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004358	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004359	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004360	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004361	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004362	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004363	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004364	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004365	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004366	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004367	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004368	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004369	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004370	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004371	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004372	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004373	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004374	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004375	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004376	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004377	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004378	0.000009015	2.72	6.98	2.53
	SRCPARAM		0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004380	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004381	0.000009015	2.72	6.98	2.53
	SRCPARAM	L0004382	0.000009015	2.72	6.98	2.53
	SRCPARAM		0.000009015	2.72	6.98	2.53
	SRCPARAM		0.000009015	2.72	6.98	2.53
	SRCPARAM		0.000009015	2.72	6.98	2.53
		L0004386	0.000009015	2.72	6.98	2.53
	SRCPARAM		0.000009015	2.72	6.98	2.53
	SRCPARAM		0.000009015	2.72	6.98	2.53
			0.000009015	2.72	6.98	2.53
		L0004390	0.000009015	2.72	6.98	2.53
					6.98	2.53
			0.000009015		6.98	2.53
	SRCPARAM	L0004393	0.000009015	2.72	6.98	2.53
**						
	URBANSRC	ALL				

URBANSRC ALL SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*\*\*\*\*\*\*

\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*\*\*\*\*\*\*

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\*\*

**RE STARTING** 

```
INCLUDED MVMALL TR 2036.ROU
RE FINISHED
**************
** AERMOD METEOROLOGY PATHWAY
***********
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL TR 2036\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL_TR_2036\PERI_V9_ADJU\
  PROFFILE PERI_V9_ADJU\PERI_V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
***********
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
  PLOTFILE 1 ALL 1ST "C:\LAKES\AERMOD
VIEW\MVMALL_TR_2036\MVMALL_TR_2036.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL_TR_2036\MVMALL_TR_2036.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL_TR_2036\MVMALL_TR_2036.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
            917
                     MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
            917
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
***********
*** SETUP Finishes Successfully ***
***********
↑ *** AERMOD - VERSION 21112
                                  *** 2036 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                      ***
                                14:53:21
                                PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 406 Source(s),
  for Total of
                  1 Urban Area(s):
  Urban Population =
                       2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
        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 10

and Calculates PERIOD Averages \*\*This Run Includes: 406 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 406 VOLUME source(s) and: and: 0 AREA type source(s) 0 LINE source(s) and: and: 0 RLINE/RLINEXT source(s) and: 0 OPENPIT source(s) 0 BUOYANT LINE source(s) with a total of 0 line(s) and: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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 Base Elev. for Pot. Temp. Profile (m MSL) = 442.00; Decay \*\*Misc. Inputs: Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 Output Units = MICROGRAMS/M\*\*3 \*\*Approximate Storage Requirements of Model = 3.7 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out

1-HR

\*\*Model Calculates 1 Short Term Average(s) of:

\*\*Detailed Error/Message File: MVMALL TR 2036.ERR

\*\*File for Summary of Results: C:\LAKES\AERMOD

VIEW\MVMALL\_TR\_2036\MVMALL\_TR\_2036.SUM

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TALT		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CA15.	BY	(IILILIA)	(IILILIA)	(IILILIA)	(11212113)	(HETEKS)
`							
L0003988 2.53 YES	0	0.90150E-05	473528.1	3755956.8	486.2	2.72	6.98
L0003989	0	0.90150E-05	473542.8	3755953.8	486.7	2.72	6.98
2.53 YES							
L0003990 2.53 YES	0	0.90150E-05	473557.5	3755950.8	487.2	2.72	6.98
L0003991	0	0.90150E-05	473572.2	3755947.8	487.7	2.72	6.98
2.53 YES	•		.,,,,,,,,,				0.120
L0003992	0	0.90150E-05	473586.9	3755944.7	488.2	2.72	6.98
2.53 YES L0003993	0	0.90150E-05	172601 6	27550/1 7	488.8	2.72	6.98
2.53 YES	v	0.90130E-03	4/3001.0	3/33341./	400.0	2.72	0.96
L0003994	0	0.90150E-05	473616.3	3755938.7	489.4	2.72	6.98
2.53 YES			4=2424		400.0		4 00
L0003995 2.53 YES	0	0.90150E-05	4/3631.0	3/55935./	490.0	2.72	6.98
L0003996	0	0.90150E-05	473645.7	3755932.6	490.6	2.72	6.98
2.53 YES							
L0003997	0	0.90150E-05	473660.4	3755929.6	491.2	2.72	6.98
2.53 YES L0003998	0	0.90150E-05	473675.1	3755926.6	491.7	2.72	6.98
2.53 YES	Ü	0.301301 03	473073 <b>.</b> 1	3733320.0	771,7	2.72	0.30
L0003999	0	0.90150E-05	473689.7	3755923.6	492.2	2.72	6.98
2.53 YES	0	0 001505 05	472704 4	2755020 5	402.6	2 72	6.00
L0004000 2.53 YES	0	0.90150E-05	4/3/04.4	3/35920.5	492.6	2.72	6.98
L0004001	0	0.90150E-05	473719.1	3755917.5	493.0	2.72	6.98
2.53 YES							

L0004002	0	0.90150E-05	473733.8 3755914.5	493.5	2.72	6.98
2.53 YES	O	0.301302 03	475755.0 5755514.5	700.0	2.72	0.30
L0004003	0	0.90150E-05	473748.5 3755911.4	494.0	2.72	6.98
2.53 YES						
L0004004	0	0.90150E-05	473763.2 3755908.4	494.4	2.72	6.98
2.53 YES L0004005	0	0.90150E-05	473777.9 3755905.4	494.9	2.72	6.98
2.53 YES	O	0.301302 03	475777.5 5755505.4	777,7	2.72	0.50
L0004006	0	0.90150E-05	473792.6 3755902.4	495.4	2.72	6.98
2.53 YES						
L0004007	0	0.90150E-05	473807.3 3755899.3	495.9	2.72	6.98
2.53 YES	0	0 001505 05	472022 A 2755006 2	406.2	2.72	6 00
L0004008 2.53 YES	0	0.90150E-05	473822.0 3755896.3	496.3	2.72	6.98
L0004009	0	0.90150E-05	473836.7 3755893.3	496.6	2.72	6.98
2.53 YES						
L0004010	0	0.90150E-05	473851.4 3755890.3	496.8	2.72	6.98
2.53 YES						
L0004011	0	0.90150E-05	473866.0 3755887.2	497.1	2.72	6.98
2.53 YES L0004012	0	0.90150E-05	473880.7 3755884.2	497.4	2.72	6.98
2.53 YES	О	0.901306-03	4/3000./ 3/33004.2	497.4	2.72	0.90
L0004013	0	0.90150E-05	473895.4 3755881.2	497.9	2.72	6.98
2.53 YES						
L0004014	0	0.90150E-05	473910.1 3755878.2	498.4	2.72	6.98
2.53 YES	_					
L0004015	0	0.90150E-05	473924.8 3755875.1	498.8	2.72	6.98
2.53 YES L0004016	0	0.90150E-05	473939.5 3755872.1	499.3	2.72	6.98
2.53 YES	O	0.001001-00	4/3333.3 3/330/2.1	400.0	2.72	0.50
L0004017	0	0.90150E-05	473954.2 3755869.1	499.7	2.72	6.98
2.53 YES						
L0004018	0	0.90150E-05	473968.9 3755866.0	500.1	2.72	6.98
2.53 YES	0	0.90150E-05	472002 6 2755062 0	F00 F	2.72	c 00
L0004019 2.53 YES	0	0.90150E-05	473983.6 3755863.0	500.5	2.72	6.98
L0004020	0	0.90150E-05	473998.3 3755860.0	500.7	2.72	6.98
2.53 YES						
L0004021	0	0.90150E-05	474013.0 3755857.0	501.0	2.72	6.98
2.53 YES	_					
L0004022	0	0.90150E-05	474027.7 3755853.9	501.2	2.72	6.98
2.53 YES L0004023	0	0 90150F_05	474042.3 3755850.9	501.5	2.72	6.98
2.53 YES	U	0.501501 05	+/+0+2·3 3/33030·3	501.5	2.72	0.50
L0004024	0	0.90150E-05	474057.0 3755847.9	501.8	2.72	6.98
2.53 YES						
L0004025	0	0.90150E-05	474071.7 3755844.9	501.9	2.72	6.98
2.53 YES	^	0.001505.05	474006 4 3755044 0	F03 3	2 72	c 00
L0004026 2.53 YES	0	0.90150E-05	474086.4 3755841.8	502.2	2.72	6.98
2.33 YES						

L0004027 0 0.90150E-05 474101.1 3755838.8 502.3 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TNIT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004028 2.53 YES	0	0.90150E-05	474115.8	3755835.8	502.5	2.72	6.98
L0004029	0	0.90150E-05	474130.5	3755832.8	502.7	2.72	6.98
2.53 YES							
L0004030	0	0.90150E-05	474145.2	3755829.7	502.7	2.72	6.98
2.53 YES			474450				
L0004031 2.53 YES	0	0.90150E-05	4/4159.9	3755826.7	502.7	2.72	6.98
L0004032	0	0.90150E-05	474174 6	3755823.7	502.5	2.72	6.98
2.53 YES	O	0.901901 09	7/71/7.0	3733023.7	302.3	2.72	0.50
L0004033	0	0.90150E-05	474189.3	3755820.6	502.2	2.72	6.98
2.53 YES							
L0004034	0	0.90150E-05	474204.0	3755817.6	499.9	2.72	6.98
2.53 YES							
L0004035	0	0.90150E-05	474218.6	3755814.6	498.2	2.72	6.98
2.53 YES	•	0 004505 05	474000	2755044 6	400.4	2 72	c 00
L0004036	0	0.90150E-05	4/4233.3	3755811.6	499.1	2.72	6.98
2.53 YES L0004037	0	0.90150E-05	171218 0	3755808.5	500.4	2.72	6.98
2.53 YES	U	0.901301-03	474248.0	3733888.3	300.4	2.72	0.98
L0004038	0	0.90150E-05	474262.7	3755805.5	502.3	2.72	6.98
2.53 YES	•	0110202 01	.,,	5.5566575	302.0		0.120
L0004039	0	0.90150E-05	474277.4	3755802.5	502.9	2.72	6.98
2.53 YES							
L0004040	0	0.90150E-05	474292.1	3755799.5	503.1	2.72	6.98
2.53 YES							
L0004041	0	0.90150E-05	474306.8	3755796.4	503.0	2.72	6.98
2.53 YES							

1.0004042	0	0 001505 05	474224 5 2755702 4	F03 0	2 72	c 00
L0004042 2.53 YES	0	0.90150E-05	474321.5 3755793.4	503.0	2.72	6.98
L0004043	0	0.90150E-05	474336.2 3755790.4	503.0	2.72	6.98
2.53 YES						
L0004044	0	0.90150E-05	474350.9 3755787.4	503.0	2.72	6.98
2.53 YES	0	0 001505 05	474265 6 2755794 2	F02 0	2 72	6 00
L0004045 2.53 YES	0	0.90150E-05	474365.6 3755784.3	503.0	2.72	6.98
L0004046	0	0.90150E-05	474380.2 3755781.3	503.1	2.72	6.98
2.53 YES						
L0004047	0	0.90150E-05	474394.9 3755778.3	503.1	2.72	6.98
2.53 YES	•	0 004505 05	474400 6 2755775 2	502.2	2 72	
L0004048 2.53 YES	0	0.90150E-05	474409.6 3755775.3	503.2	2.72	6.98
L0004049	0	0.90150E-05	474424.3 3755772.2	503.2	2.72	6.98
2.53 YES	Ū	0.702502 05	1, 1,12,103 3,33,72,12	303.2	_,,_	0.50
L0004050	0	0.90150E-05	474439.0 3755769.2	503.3	2.72	6.98
2.53 YES						
L0004051	0	0.90150E-05	474453.7 3755766.2	503.3	2.72	6.98
2.53 YES L0004052	0	0.90150E-05	474468.4 3755763.1	503.3	2.72	6.98
2.53 YES	O	0.901301-03	4/4408.4 3/33/03.1	303.3	2.72	0.98
L0004053	0	0.90150E-05	474483.1 3755760.1	503.4	2.72	6.98
2.53 YES						
L0004054	0	0.90150E-05	474497.8 3755757.1	503.4	2.72	6.98
2.53 YES	0	0 001505 05	474F13 F 37FF7F4 1	F02 4	2 72	c 00
L0004055 2.53 YES	0	0.90150E-05	474512.5 3755754.1	503.4	2.72	6.98
L0004056	0	0.90150E-05	474527.2 3755751.0	503.5	2.72	6.98
2.53 YES						
L0004057	0	0.90150E-05	474541.9 3755748.0	503.6	2.72	6.98
2.53 YES	0	0 001505 05	474556 5 2755745 0	502.7	2 72	c 00
L0004058 2.53 YES	0	0.90150E-05	474556.5 3755745.0	503.7	2.72	6.98
L0004059	0	0.90150E-05	474571.2 3755742.0	503.8	2.72	6.98
2.53 YES						
L0004060	0	0.90150E-05	474585.9 3755738.9	503.8	2.72	6.98
2.53 YES	0	0 001505 05	474600 6 2755725 0	F02 0	2 72	c 00
L0004061 2.53 YES	0	0.90150E-05	474600.6 3755735.9	503.8	2.72	6.98
L0004062	0	0.90150E-05	474615.3 3755732.9	503.8	2.72	6.98
2.53 YES	-					
L0004063	0	0.90150E-05	474630.0 3755729.9	503.9	2.72	6.98
2.53 YES	_					
L0004064	0	0.90150E-05	474644.7 3755726.8	504.1	2.72	6.98
2.53 YES L0004065	0	0.90150F-05	474659.4 3755723.8	504.3	2.72	6.98
2.53 YES	J	0.702302 03	1033.1. 373372310	303	_,,_	0.50
L0004066	0	0.90150E-05	474674.1 3755720.8	504.5	2.72	6.98
2.53 YES						

L0004067 0 0.90150E-05 474688.8 3755717.7 504.6 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RATI	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004068 2.53 YES	0	0.90150E-05	474703.5	3755714.7	504.6	2.72	6.98
L0004069 2.53 YES	0	0.90150E-05	474718.2	3755711.7	504.6	2.72	6.98
L0004070 2.53 YES	0	0.90150E-05	474732.8	3755708.7	504.5	2.72	6.98
L0004071	0	0.90150E-05	474747.5	3755705.7	504.4	2.72	6.98
2.53 YES L0004072	0	0.90150E-05	474762.3	3755702.8	504.4	2.72	6.98
2.53 YES L0004073	0	0.90150E-05	474777.0	3755699.8	504.4	2.72	6.98
2.53 YES L0004074	0	0.90150E-05	474791.7	3755696.9	504.5	2.72	6.98
2.53 YES L0004075	0	0.90150E-05	474806.4	3755693.9	504.7	2.72	6.98
2.53 YES L0004076	0	0.90150E-05	474821.1	3755691.0	504.8	2.72	6.98
2.53 YES L0004077	0	0.90150E-05	474835.8	3755688.1	504.9	2.72	6.98
2.53 YES L0004078	0	0.90150E-05	474850.5	3755685.1	505.0	2.72	6.98
2.53 YES L0004079	0	0.90150E-05	474865.2	3755682.2	505.0	2.72	6.98
2.53 YES L0004080	0	0.90150E-05	474879.9	3755679.3	505.1	2.72	6.98
2.53 YES L0004081 2.53 YES	0	0.90150E-05	474894.6	3755676.3	505.0	2.72	6.98

1 0004002	0	0 001505 05	474000 4 2755672 4	EQE Q	2.72	6.98
L0004082 2.53 YES	О	0.90150E-05	474909.4 3755673.4	505.0	2.72	0.98
L0004083	0	0.90150E-05	474924.1 3755670.5	505.0	2.72	6.98
2.53 YES						
L0004084	0	0.90150E-05	474938.8 3755667.5	505.0	2.72	6.98
2.53 YES	0	0 004505 05	474052 5 2755664 6	F0F 0	2 72	6.00
L0004085 2.53 YES	0	0.90150E-05	474953.5 3755664.6	505.0	2.72	6.98
L0004086	0	0.90150E-05	474968.2 3755661.6	505.1	2.72	6.98
2.53 YES	•	0110202 05	.,	5051-		0120
L0004087	0	0.90150E-05	474982.9 3755658.7	505.1	2.72	6.98
2.53 YES						
L0004088	0	0.90150E-05	474997.6 3755655.8	505.1	2.72	6.98
2.53 YES	0	0 001505 05	475010 0 0755650 0	F0F 0	2 72	6 00
L0004089 2.53 YES	0	0.90150E-05	475012.3 3755652.8	505.0	2.72	6.98
L0004090	0	0.90150E-05	475027.0 3755649.9	505.0	2.72	6.98
2.53 YES	•	0110202 05	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0120
L0004091	0	0.90150E-05	475041.7 3755647.0	504.9	2.72	6.98
2.53 YES						
L0004092	0	0.90150E-05	475056.5 3755644.0	504.8	2.72	6.98
2.53 YES L0004093	0	0.90150E-05	475071.2 3755641.1	504.6	2.72	6.98
2.53 YES	Ø	0.901306-03	4/30/1.2 3/33041.1	304.0	2.72	0.90
L0004094	0	0.90150E-05	475085.9 3755638.1	504.5	2.72	6.98
2.53 YES					_,,_	
L0004095	0	0.90150E-05	475100.6 3755635.2	504.4	2.72	6.98
2.53 YES						
L0004096	0	0.90150E-05	475115.3 3755632.3	504.4	2.72	6.98
2.53 YES L0004097	0	0.90150E-05	475130.0 3755629.3	504.3	2.72	6.98
2.53 YES	Ø	0.901306-03	4/3130.0 3/33029.3	304.3	2.72	0.90
L0004098	0	0.90150E-05	475144.7 3755626.4	504.3	2.72	6.98
2.53 YES						
L0004099	0	0.90150E-05	475159.4 3755623.5	504.2	2.72	6.98
2.53 YES	_					
L0004100 2.53 YES	0	0.90150E-05	475174.1 3755620.5	504.0	2.72	6.98
2.53 YES L0004101	0	0 90150F-05	475188.8 3755617.6	503.9	2.72	6.98
2.53 YES	J	0.301301 03	475100.0 5755017.0	303.3	2.72	0.50
L0004102	0	0.90150E-05	475203.5 3755614.7	503.7	2.72	6.98
2.53 YES						
L0004103	0	0.90150E-05	475218.4 3755613.0	503.6	2.72	6.98
2.53 YES	0	0 001505 05	475222 4 2755611 0	F02 4	2 72	6 00
L0004104 2.53 YES	0	0.90120E-02	475233.4 3755611.8	503.4	2.72	6.98
L0004105	0	0.90150F-05	475248.3 3755610.5	503.2	2.72	6.98
2.53 YES	ŭ	1110101 00			<b>-</b>	2.20
L0004106	0	0.90150E-05	475263.3 3755609.3	503.1	2.72	6.98
2.53 YES						

L0004107 0 0.90150E-05 475278.2 3755608.0 503.0 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TAITT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE	PART.	ON RATE (GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004108	0	0.90150E-05	475293.2	3755606.8	502.9	2.72	6.98
2.53 YES							
L0004109	0	0.90150E-05	475308.2	3755606.2	502.9	2.72	6.98
2.53 YES			4======				4 00
L0004110	0	0.90150E-05	4/5323.1	3/55606.4	502.8	2.72	6.98
2.53 YES L0004111	0	0.90150E-05	475220 1	2755606 7	502.8	2.72	6.98
2.53 YES	0	0.90150E-05	4/5338.1	3/55606./	502.8	2.72	6.98
L0004112	0	0.90150E-05	<i>1</i> 75252 1	3755606 0	502.8	2.72	6.98
2.53 YES	U	0.901301-03	4/3333.1	3733000.9	302.0	2.72	0.98
L0004113	0	0.90150E-05	<i>4</i> 75368 1	3755607 1	502.8	2.72	6.98
2.53 YES	O	0.501501 05	<del>4</del> 73300.1	3/33007.1	302.0	2.72	0.50
L0004114	0	0.90150E-05	475383.1	3755607.4	502.9	2.72	6.98
2.53 YES	•	0110202 01	.,,,,,,,,,		50215		0.120
L0004115	0	0.90150E-05	475398.1	3755607.6	502.9	2.72	6.98
2.53 YES							
L0004116	0	0.90150E-05	475413.1	3755607.8	503.0	2.72	6.98
2.53 YES							
L0004117	0	0.90150E-05	475428.1	3755608.1	503.1	2.72	6.98
2.53 YES							
L0004118	0	0.90150E-05	475443.1	3755608.3	503.2	2.72	6.98
2.53 YES							
L0004119	0	0.90150E-05	475458.1	3755608.6	503.3	2.72	6.98
2.53 YES							
L0004120	0	0.90150E-05	475473.1	3755608.8	503.5	2.72	6.98
2.53 YES	_	0 004505 05	475400 -	2755622	500 <del>-</del>	2 =2	6.65
L0004121	0	0.90150E-05	4/5488.1	3/55609.0	503.7	2.72	6.98
2.53 YES							

L0004122	0	0.90150E-05	475503.1 3755609.3	503.9	2.72	6.98
2.53 YES	0	0 004505 05	475540 4 2755600 5	E04 2	2 72	6 00
L0004123	0	0.90150E-05	475518.1 3755609.5	504.2	2.72	6.98
2.53 YES	0	0 004505 05	475533 4 3755600 7	504.4	2 72	6 00
L0004124	0	0.90150E-05	475533.1 3755609.7	504.4	2.72	6.98
2.53 YES	0	0 001505 05	475540 1 2755610 0	F04 7	2 72	c 00
L0004125	0	0.90150E-05	475548.1 3755610.0	504.7	2.72	6.98
2.53 YES L0004126	0	0.90150E-05	475562 1 2755610 2	504.9	2 72	c 00
2.53 YES	0	0.901506-05	475563.1 3755610.2	504.9	2.72	6.98
L0004127	0	0.90150E-05	475578 1 2755610 F	EQE 1	2.72	6.98
	0	0.901306-03	475578.1 3755610.5	505.1	2.72	0.90
2.53 YES	0	0 001505 05	475502 1 2755610 7	FOF 4	2 72	c 00
L0004128	0	0.90150E-05	475593.1 3755610.7	505.4	2.72	6.98
2.53 YES	0	0 001505 05	475600 1 2755610 0	FOF 6	2 72	c 00
L0004129	0	0.90150E-05	475608.1 3755610.9	505.6	2.72	6.98
2.53 YES	•	0 004505 05	475600 4 0755644 0	505.0	2 72	
L0004130	0	0.90150E-05	475623.1 3755611.2	505.9	2.72	6.98
2.53 YES	•	0 004505 05				
L0004131	0	0.90150E-05	475638.1 3755611.4	506.1	2.72	6.98
2.53 YES	_					
L0004132	0	0.90150E-05	475653.1 3755611.6	506.4	2.72	6.98
2.53 YES						
L0004133	0	0.90150E-05	475668.1 3755611.9	506.6	2.72	6.98
2.53 YES						
L0004134	0	0.90150E-05	475683.1 3755612.1	506.8	2.72	6.98
2.53 YES						
L0004135	0	0.90150E-05	475698.1 3755612.3	506.9	2.72	6.98
2.53 YES						
L0004136	0	0.90150E-05	475713.1 3755612.6	507.1	2.72	6.98
2.53 YES						
L0004137	0	0.90150E-05	475728.1 3755612.8	507.3	2.72	6.98
2.53 YES						
L0004138	0	0.90150E-05	475743.1 3755613.1	507.4	2.72	6.98
2.53 YES						
L0004139	0	0.90150E-05	475758.1 3755613.3	507.5	2.72	6.98
2.53 YES						
L0004140	0	0.90150E-05	475773.1 3755613.5	507.6	2.72	6.98
2.53 YES						
L0004141	0	0.90150E-05	475788.1 3755613.8	507.4	2.72	6.98
2.53 YES						
L0004142	0	0.90150E-05	475803.1 3755614.0	507.1	2.72	6.98
2.53 YES						
L0004143	0	0.90150E-05	475818.1 3755614.2	505.0	2.72	6.98
2.53 YES						
L0004144	0	0.90150E-05	475833.1 3755614.5	502.8	2.72	6.98
2.53 YES						
L0004145	0	0.90150E-05	475848.1 3755614.7	503.9	2.72	6.98
2.53 YES						
L0004146	0	0.90150E-05	475863.1 3755615.0	505.2	2.72	6.98
2.53 YES						

L0004147 0 0.90150E-05 475878.1 3755615.2 506.9 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TNIT LIDDAN		EMISSION RATI	E		BASE	RELEASE	INIT.
	PART.	ON RATE (GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			(1121213)	(1121213)	(1121213)	(1121213)	(11212113)
L0004148 2.53 YES	0	0.90150E-05	475893.1	3755615.4	507.4	2.72	6.98
L0004149	0	0.90150E-05	475908.1	3755615.7	507.3	2.72	6.98
2.53 YES	-						
L0004150	0	0.90150E-05	475923.1	3755615.9	507.2	2.72	6.98
2.53 YES	_						
L0004151 2.53 YES	0	0.90150E-05	4/5938.1	3/55616.1	507.1	2.72	6.98
L0004152	0	0.90150E-05	475953.1	3755616.4	506.9	2.72	6.98
2.53 YES	ŭ	0.702302 03	., 555512	3,330201.	300.3	/-	0.50
L0004153	0	0.90150E-05	475968.1	3755616.6	506.7	2.72	6.98
2.53 YES							
L0004154	0	0.90150E-05	475983.1	3755616.9	506.4	2.72	6.98
2.53 YES	0	0 001505 05	475000 1	2755617 1	F06 2	2 72	6.00
L0004155 2.53 YES	0	0.90150E-05	4/5998.1	3/5561/.1	506.2	2.72	6.98
L0004156	0	0.90150E-05	476013.1	3755617.3	505.9	2.72	6.98
2.53 YES							
L0004157	0	0.90150E-05	476028.1	3755617.6	505.6	2.72	6.98
2.53 YES							
L0004158	0	0.90150E-05	476043.1	3755617.8	505.4	2.72	6.98
2.53 YES L0004159	a	0.90150E-05	476050 1	27FF610 A	505.1	2.72	6.98
2.53 YES	0	0.90150E-05	4/0058.1	3/33018.0	202.1	2.72	0.98
L0004160	0	0.90150E-05	476073.1	3755618.3	504.8	2.72	6.98
2.53 YES	J	3123223		300-013	200		3.23
L0004161	0	0.90150E-05	476088.1	3755618.5	504.5	2.72	6.98
2.53 YES							

L0004162	0	0.90150E-05	476103.1 3755618.7	504.3	2.72	6.98
2.53 YES L0004163	0	0.90150E-05	476118.1 3755619.0	504.0	2.72	6.98
2.53 YES	U	0.501501 05	470110.1 3733013.0	304.0	2.72	0.50
L0004164	0	0.90150E-05	476133.0 3755619.2	503.7	2.72	6.98
2.53 YES						
L0004165	0	0.90150E-05	476148.0 3755619.5	503.4	2.72	6.98
2.53 YES	_					
L0004166	0	0.90150E-05	476163.0 3755619.7	503.1	2.72	6.98
2.53 YES L0004167	0	0.90150E-05	476178.0 3755619.9	502.9	2.72	6.98
2.53 YES	U	0.901301-03	4/01/8.0 3/33019.9	302.9	2.72	0.98
L0004168	0	0.90150E-05	476193.0 3755620.2	502.6	2.72	6.98
2.53 YES	•					
L0004169	0	0.90150E-05	476208.0 3755620.4	502.4	2.72	6.98
2.53 YES						
L0004170	0	0.90150E-05	476223.0 3755620.6	502.2	2.72	6.98
2.53 YES	_		474000 0 0777400 0	<b>500.</b> 4		
L0004171	0	0.90150E-05	476238.0 3755620.9	502.1	2.72	6.98
2.53 YES L0004172	0	0.90150E-05	476253.0 3755621.1	502.0	2.72	6.98
2.53 YES	О	0.901306-03	4/0255.0 5/55021.1	302.0	2.72	0.90
L0004173	0	0.90150E-05	476268.0 3755621.4	501.9	2.72	6.98
2.53 YES	·	0110200	., 020010 5, 5502	50-11		
L0004174	0	0.90150E-05	476283.0 3755621.6	501.9	2.72	6.98
2.53 YES						
L0004175	0	0.90150E-05	476298.0 3755621.8	501.8	2.72	6.98
2.53 YES	_					
L0004176	0	0.90150E-05	476313.0 3755622.1	501.9	2.72	6.98
2.53 YES L0004177	0	0.90150E-05	476328.0 3755622.3	501.9	2.72	6.98
2.53 YES	V	0.901306-03	4/0320.0 3/33022.3	301.9	2.72	0.36
L0004178	0	0.90150E-05	476343.0 3755622.5	502.0	2.72	6.98
2.53 YES	•					
L0004179	0	0.90150E-05	476358.0 3755622.8	502.0	2.72	6.98
2.53 YES						
L0004180	0	0.90150E-05	476373.0 3755623.0	502.1	2.72	6.98
2.53 YES	0	0 001505 05	476300 0 3755633 3	502.4	2 72	6.00
L0004181	0	0.90150E-05	476388.0 3755623.3	502.1	2.72	6.98
2.53 YES L0004182	0	0 90150F-05	476403.0 3755623.5	502 1	2.72	6.98
2.53 YES	U	0.501501 05	470403.0 3733023.3	302.1	2.72	0.50
L0004183	0	0.90150E-05	476418.0 3755623.7	502.1	2.72	6.98
2.53 YES						
L0004184	0	0.90150E-05	476433.0 3755624.0	502.1	2.72	6.98
2.53 YES						
L0004185	0	0.90150E-05	476448.0 3755624.2	502.1	2.72	6.98
2.53 YES	Ω	0 001505 05	476462 A 2755624 4	EQ2 1	2 72	6 00
L0004186 2.53 YES	0	0.30130E-05	476463.0 3755624.4	202.1	2.72	6.98
2.33 153						

L0004187 0 0.90150E-05 476478.0 3755624.7 502.2 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TALTT		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE TD	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CAIS.	ВУ	(METERS)	(METERS)	(HETEKS)	(HETEKS)	(METERS)
`							
L0004188 2.53 YES	0	0.90150E-05	476493.0	3755624.9	502.2	2.72	6.98
L0004189	0	0.90150E-05	476508.0	3755625.1	502.2	2.72	6.98
2.53 YES							
L0004190	0	0.90150E-05	476523.0	3755625.4	502.3	2.72	6.98
2.53 YES L0004191	0	0.90150E-05	476514.3	3755644.4	502.5	2.72	6.98
2.53 YES	Ü	0.301301 03	17031113	3733011.1	302.3	2.,2	0.30
L0004192	0	0.90150E-05	476499.3	3755644.1	502.4	2.72	6.98
2.53 YES	0	0 001505 05	476404 2	2755642 0	F02 4	2 72	6.00
L0004193 2.53 YES	0	0.90150E-05	4/6484.3	3/55643.8	502.4	2.72	6.98
L0004194	0	0.90150E-05	476469.3	3755643.5	502.4	2.72	6.98
2.53 YES							
L0004195	0	0.90150E-05	476454.3	3755643.2	502.3	2.72	6.98
2.53 YES L0004196	0	0.90150E-05	476439 3	3755642 9	502.3	2.72	6.98
2.53 YES	Ŭ	0.301301 03	170133.3	373301213	302.3	2.,2	0.30
L0004197	0	0.90150E-05	476424.3	3755642.6	502.3	2.72	6.98
2.53 YES	•	0 004505 05	476400 3	2755642 2	F00 4	2 72	
L0004198 2.53 YES	0	0.90150E-05	4/6409.3	3/55642.3	502.4	2.72	6.98
L0004199	0	0.90150E-05	476394.3	3755642.1	502.4	2.72	6.98
2.53 YES							
L0004200	0	0.90150E-05	476379.3	3755641.8	502.4	2.72	6.98
2.53 YES L0004201	9	0.90150E-05	176261 2	2755 <i>61</i> 1 5	502.4	2.72	6.98
2.53 YES	v	0.301306-03	4/0304.3	41.5 (۱۰۵	202.4	۷./۷	0.30
2.33 YES							

L0004202	0	0.90150E-05	476349.3 3755641.2	502.4	2.72	6.98
2.53 YES L0004203	0	0.90150E-05	476334.3 3755640.9	502.2	2.72	6.98
2.53 YES						
L0004204	0	0.90150E-05	476319.3 3755640.6	502.1	2.72	6.98
2.53 YES L0004205	0	0.90150E-05	476304.3 3755640.3	502.0	2.72	6.98
2.53 YES		0110202 01		50200		0,120
L0004206	0	0.90150E-05	476289.3 3755640.0	502.0	2.72	6.98
2.53 YES L0004207	0	0.90150E-05	476274.3 3755639.7	502.0	2.72	6.98
2.53 YES	Ø	0.901306-03	4/02/4.5 5/55059./	302.0	2.72	0.90
L0004208	0	0.90150E-05	476259.3 3755639.4	502.1	2.72	6.98
2.53 YES						
L0004209	0	0.90150E-05	476244.3 3755639.1	502.1	2.72	6.98
2.53 YES	•	0 004505 05	476222 2 2755622 0	F00 0	2 72	
L0004210 2.53 YES	0	0.90150E-05	476229.3 3755638.8	502.2	2.72	6.98
L0004211	0	0.90150E-05	476214.3 3755638.5	502.4	2.72	6.98
2.53 YES	Ü	0.701301 03	170211.5 5755050.5	302.1	2.,2	0.30
L0004212	0	0.90150E-05	476199.3 3755638.3	502.5	2.72	6.98
2.53 YES						
L0004213	0	0.90150E-05	476184.3 3755638.0	502.7	2.72	6.98
2.53 YES	0	0 001505 05	476160 4 2755627 7	F02 0	2 72	6 00
L0004214 2.53 YES	0	0.90150E-05	476169.4 3755637.7	502.9	2.72	6.98
L0004215	0	0.90150E-05	476154.4 3755637.4	503.2	2.72	6.98
2.53 YES	-					
L0004216	0	0.90150E-05	476139.4 3755637.1	503.4	2.72	6.98
2.53 YES	_					
L0004217	0	0.90150E-05	476124.4 3755636.8	503.7	2.72	6.98
2.53 YES L0004218	0	0.90150E-05	476109.4 3755636.5	504.0	2.72	6.98
2.53 YES	J	0.301301 03	470103.4 3733030.3	304.0	2.72	0.50
L0004219	0	0.90150E-05	476094.4 3755636.2	504.2	2.72	6.98
2.53 YES						
L0004220	0	0.90150E-05	476079.4 3755635.9	504.5	2.72	6.98
2.53 YES L0004221	0	0 001505 05	476064.4 3755635.6	EQ4 0	2.72	6.98
2.53 YES	Ø	0.901306-03	4/0004.4 3/33033.0	504.8	2.72	0.90
L0004222	0	0.90150E-05	476049.4 3755635.3	505.2	2.72	6.98
2.53 YES						
L0004223	0	0.90150E-05	476034.4 3755635.0	505.5	2.72	6.98
2.53 YES	•	0 004505 05	476040 4 2755624 0	505.0	2 72	
L0004224	0	0.90150E-05	476019.4 3755634.8	505.8	2.72	6.98
2.53 YES L0004225	0	0.90150F-05	476004.4 3755634.5	506.1	2.72	6.98
2.53 YES	J	1110101 00	11.000 1.1. 37.3303113	200.2	-·/-	2.23
L0004226	0	0.90150E-05	475989.4 3755634.2	506.4	2.72	6.98
2.53 YES						

L0004227 0 0.90150E-05 475974.4 3755633.9 506.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004228 2.53 YES	0	0.90150E-05	475959.4	3755633.6	506.9	2.72	6.98
L0004229 2.53 YES	0	0.90150E-05	475944.4	3755633.3	506.9	2.72	6.98
L0004230 2.53 YES	0	0.90150E-05	475929.4	3755633.0	506.9	2.72	6.98
L0004231	0	0.90150E-05	475914.4	3755632.7	506.7	2.72	6.98
2.53 YES L0004232	0	0.90150E-05	475899.4	3755632.4	506.7	2.72	6.98
2.53 YES L0004233	0	0.90150E-05	475884.4	3755632.1	506.6	2.72	6.98
2.53 YES L0004234	0	0.90150E-05	475869.4	3755631.8	505.2	2.72	6.98
2.53 YES L0004235	0	0.90150E-05	475854.4	3755631.5	503.9	2.72	6.98
2.53 YES L0004236	0	0.90150E-05	475839.4	3755631.2	503.0	2.72	6.98
2.53 YES L0004237	0	0.90150E-05	475824.4	3755631.0	503.5	2.72	6.98
2.53 YES L0004238	0	0.90150E-05	475809.4	3755630.7	505.3	2.72	6.98
2.53 YES L0004239	0	0.90150E-05	475794.4	3755630.4	505.9	2.72	6.98
2.53 YES L0004240	0	0.90150E-05	475779.4	3755630.1	506.1	2.72	6.98
2.53 YES L0004241 2.53 YES	0	0.90150E-05	475764.4	3755629.8	506.1	2.72	6.98

L0004242	0	0.90150E-05	475749.4 3755629.5	506.0	2.72	6.98
2.53 YES	_					
L0004243 2.53 YES	0	0.90150E-05	475734.4 3755629.2	506.0	2.72	6.98
L0004244 2.53 YES	0	0.90150E-05	475719.4 3755628.9	505.9	2.72	6.98
L0004245 2.53 YES	0	0.90150E-05	475704.4 3755628.6	505.9	2.72	6.98
L0004246 2.53 YES	0	0.90150E-05	475689.4 3755628.3	505.9	2.72	6.98
L0004247 2.53 YES	0	0.90150E-05	475674.4 3755628.0	505.8	2.72	6.98
L0004248 2.53 YES	0	0.90150E-05	475659.5 3755627.7	505.9	2.72	6.98
L0004249 2.53 YES	0	0.90150E-05	475644.5 3755627.4	505.8	2.72	6.98
L0004250 2.53 YES	0	0.90150E-05	475629.5 3755627.2	505.8	2.72	6.98
L0004251 2.53 YES	0	0.90150E-05	475614.5 3755626.9	505.6	2.72	6.98
L0004252 2.53 YES	0	0.90150E-05	475599.5 3755626.6	505.5	2.72	6.98
L0004253 2.53 YES	0	0.90150E-05	475584.5 3755626.3	505.3	2.72	6.98
L0004254 2.53 YES	0	0.90150E-05	475569.5 3755626.0	505.1	2.72	6.98
L0004255 2.53 YES	0	0.90150E-05	475554.5 3755625.7	504.9	2.72	6.98
L0004256 2.53 YES	0	0.90150E-05	475539.5 3755625.4	504.7	2.72	6.98
L0004257 2.53 YES	0	0.90150E-05	475524.5 3755625.1	504.4	2.72	6.98
L0004258 2.53 YES	0	0.90150E-05	475509.5 3755624.8	504.2	2.72	6.98
L0004259 2.53 YES	0	0.90150E-05	475494.5 3755624.5	504.0	2.72	6.98
L0004260 2.53 YES	0	0.90150E-05	475479.5 3755624.2	503.9	2.72	6.98
L0004261 2.53 YES	0	0.90150E-05	475464.5 3755623.9	503.8	2.72	6.98
L0004262 2.53 YES	0	0.90150E-05	475449.5 3755623.6	503.7	2.72	6.98
L0004263 2.53 YES	0	0.90150E-05	475434.5 3755623.4	503.6	2.72	6.98
L0004264 2.53 YES	0	0.90150E-05	475419.5 3755623.1	503.6	2.72	6.98
L0004265	0	0.90150E-05	475404.5 3755622.8	503.5	2.72	6.98
2.53 YES L0004266 2.53 YES	0	0.90150E-05	475389.5 3755623.4	503.6	2.72	6.98

L0004267 0 0.90150E-05 475374.5 3755624.0 503.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004268 2.53 YES	0	0.90150E-05	475359.5	3755624.6	503.6	2.72	6.98
L0004269 2.53 YES	0	0.90150E-05	475344.5	3755625.2	503.7	2.72	6.98
L0004270 2.53 YES	0	0.90150E-05	475329.6	3755625.7	503.8	2.72	6.98
L0004271 2.53 YES	0	0.90150E-05	475314.6	3755626.3	503.8	2.72	6.98
L0004272 2.53 YES	0	0.90150E-05	475299.6	3755626.9	503.9	2.72	6.98
L0004273	0	0.90150E-05	475284.6	3755627.5	503.9	2.72	6.98
2.53 YES L0004274	0	0.90150E-05	475269.7	3755628.9	504.0	2.72	6.98
2.53 YES L0004275	0	0.90150E-05	475254.7	3755630.5	504.1	2.72	6.98
2.53 YES L0004276 2.53 YES	0	0.90150E-05	475239.8	3755632.0	504.1	2.72	6.98
L0004277 2.53 YES	0	0.90150E-05	475224.9	3755633.6	504.2	2.72	6.98
L0004278	0	0.90150E-05	475210.0	3755635.2	504.2	2.72	6.98
2.53 YES L0004279	0	0.90150E-05	475195.1	3755636.8	504.3	2.72	6.98
2.53 YES L0004280	0	0.90150E-05	475180.2	3755638.4	504.4	2.72	6.98
2.53 YES L0004281 2.53 YES	0	0.90150E-05	475165.3	3755640.0	504.4	2.72	6.98

1,000,43.93	0	0 001505 05	475150 2 2755641 6	F04 F	2 72	c 00
L0004282 2.53 YES	0	0.90150E-05	475150.3 3755641.6	504.5	2.72	6.98
L0004283	0	0.90150E-05	475135.7 3755644.7	504.6	2.72	6.98
2.53 YES						
L0004284	0	0.90150E-05	475121.0 3755647.8	504.7	2.72	6.98
2.53 YES L0004285	0	0.90150E-05	475106.3 3755650.9	504.9	2.72	6.98
2.53 YES	Ø	0.901306-03	4/3100.3 3/33030.9	304.3	2.72	0.98
L0004286	0	0.90150E-05	475091.6 3755654.0	505.0	2.72	6.98
2.53 YES						
L0004287	0	0.90150E-05	475076.9 3755657.1	505.2	2.72	6.98
2.53 YES	0	0 001505 05	475062 2 2755660 2	F0F 2	2 72	6 00
L0004288 2.53 YES	0	0.90150E-05	475062.3 3755660.2	505.3	2.72	6.98
L0004289	0	0.90150E-05	475047.6 3755663.3	505.3	2.72	6.98
2.53 YES	-				_,,_	
L0004290	0	0.90150E-05	475032.9 3755666.3	505.4	2.72	6.98
2.53 YES	_					
L0004291	0	0.90150E-05	475018.2 3755669.4	505.5	2.72	6.98
2.53 YES L0004292	0	0.90150E-05	475003.6 3755672.5	505.5	2.72	6.98
2.53 YES	Ū	0.901901 09	47,5005.0 5755072.5	303.3	2.72	0.50
L0004293	0	0.90150E-05	474988.9 3755675.6	505.6	2.72	6.98
2.53 YES						
L0004294	0	0.90150E-05	474974.2 3755678.7	505.7	2.72	6.98
2.53 YES L0004295	0	0.90150E-05	474959.5 3755681.8	505.8	2.72	6.98
2.53 YES	Ø	0.901306-03	4/4959.5 5/55001.0	303.0	2.72	0.90
L0004296	0	0.90150E-05	474944.9 3755684.9	505.9	2.72	6.98
2.53 YES						
L0004297	0	0.90150E-05	474930.2 3755688.0	506.1	2.72	6.98
2.53 YES	0	0 001505 05	474045 5 2755604 4	F06 3	2 72	6 00
L0004298 2.53 YES	0	0.90150E-05	474915.5 3755691.1	506.2	2.72	6.98
L0004299	0	0.90150E-05	474900.8 3755694.2	506.2	2.72	6.98
2.53 YES						
L0004300	0	0.90150E-05	474886.1 3755697.3	506.2	2.72	6.98
2.53 YES			4-40-4 - 000 4			
L0004301 2.53 YES	0	0.90150E-05	474871.5 3755700.4	506.2	2.72	6.98
L0004302	0	0.90150F-05	474856.8 3755703.5	506.1	2.72	6.98
2.53 YES	Ū	0.702502 05	17 103010 373370313	300.1	_,,_	0.50
L0004303	0	0.90150E-05	474842.1 3755706.6	506.0	2.72	6.98
2.53 YES						
L0004304	0	0.90150E-05	474827.4 3755709.7	506.0	2.72	6.98
2.53 YES L0004305	0	0 90150F_05	474812.8 3755712.8	506.0	2.72	6.98
2.53 YES	U	0.70170L-07	T/ TOIL. O J/JJ/112.0	200.0	2.12	0.70
L0004306	0	0.90150E-05	474798.1 3755715.9	506.1	2.72	6.98
2.53 YES						

L0004307 0 0.90150E-05 474783.4 3755719.0 506.1 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004308	0	0.90150E-05	474768.7	3755722.1	506.2	2.72	6.98
2.53 YES L0004309	0	0.90150E-05	474754.1	3755725 2	506.3	2.72	6.98
2.53 YES	O	0.301301 03	7/7/57.1	3733723.2	300.3	2.72	0.50
L0004310	0	0.90150E-05	474739.4	3755728.3	506.5	2.72	6.98
2.53 YES L0004311	0	0.90150E-05	474724.7	2755721 <i>/</i> l	506.5	2.72	6.98
2.53 YES	V	0.901302-03	4/4/24./	3/33/31.4	300.3	2.72	0.98
L0004312	0	0.90150E-05	474710.0	3755734.5	506.4	2.72	6.98
2.53 YES	•	0 004505 05	474605 4	2755727	506.2	2 72	6.00
L0004313 2.53 YES	0	0.90150E-05	474695.4	3/55/3/.6	506.2	2.72	6.98
L0004314	0	0.90150E-05	474680.7	3755740.7	506.1	2.72	6.98
2.53 YES							
L0004315	0	0.90150E-05	474666.0	3755743.8	506.0	2.72	6.98
2.53 YES L0004316	0	0.90150E-05	474651.3	3755746.9	505.8	2.72	6.98
2.53 YES	Ü	0.301301 03	17 1031.3	37337 10 <b>.</b> 3	303.0	2.,2	0.50
L0004317	0	0.90150E-05	474636.6	3755750.0	505.3	2.72	6.98
2.53 YES	0	0 001505 05	474622 0	2755752 4	F04 7	2 72	6.00
L0004318 2.53 YES	0	0.90150E-05	474622.0	3/55/53.1	504.7	2.72	6.98
L0004319	0	0.90150E-05	474607.3	3755756.2	504.4	2.72	6.98
2.53 YES							
L0004320	0	0.90150E-05	474592.6	3755759.3	504.3	2.72	6.98
2.53 YES L0004321	0	0.90150E-05	474577.9	2755762 4	504.4	2.72	6.98
2.53 YES	Ø	0.301306-03	4/43//.9	3/33/02.4	364.4	2.12	0.90

L0004322	0	0.90150E-05	474563.3 3755765.5	504.3	2.72	6.98
2.53 YES L0004323	0	0.90150E-05	474548.6 3755768.6	504.1	2.72	6.98
2.53 YES						
L0004324	0	0.90150E-05	474533.9 3755771.6	504.3	2.72	6.98
2.53 YES L0004325	0	0.90150E-05	474519.2 3755774.7	504.3	2.72	6.98
2.53 YES		0110202 01	., ., ., ., ., ., ., ., ., ., ., ., ., .	56.115		0,120
L0004326	0	0.90150E-05	474504.6 3755777.8	504.3	2.72	6.98
2.53 YES	0	0 001505 05	474400 0 2755700 0	F04 3	2 72	C 00
L0004327 2.53 YES	0	0.90150E-05	474489.9 3755780.9	504.2	2.72	6.98
L0004328	0	0.90150E-05	474475.2 3755784.0	504.0	2.72	6.98
2.53 YES						
L0004329	0	0.90150E-05	474460.5 3755787.1	503.8	2.72	6.98
2.53 YES						
L0004330	0	0.90150E-05	474445.8 3755790.2	503.5	2.72	6.98
2.53 YES L0004331	0	0.90150E-05	474431.2 3755793.3	503.4	2.72	6.98
2.53 YES	Ð	0.901306-03	4/4431.2 3/33/33.3	303.4	2.72	0.36
L0004332	0	0.90150E-05	474416.5 3755796.4	503.4	2.72	6.98
2.53 YES						
L0004333	0	0.90150E-05	474401.8 3755799.5	503.3	2.72	6.98
2.53 YES						
L0004334	0	0.90150E-05	474387.1 3755802.6	503.3	2.72	6.98
2.53 YES L0004335	0	0.90150E-05	474372.5 3755805.7	503.2	2.72	6.98
2.53 YES	Ø	0.901306-03	4/43/2.3 3/33003./	303.2	2.72	0.90
L0004336	0	0.90150E-05	474357.8 3755808.8	503.1	2.72	6.98
2.53 YES						
L0004337	0	0.90150E-05	474343.1 3755811.9	503.1	2.72	6.98
2.53 YES						
L0004338	0	0.90150E-05	474328.4 3755815.0	502.9	2.72	6.98
2.53 YES L0004339	0	0 90150F_05	474313.8 3755818.1	502.8	2.72	6.98
2.53 YES	O	0.701701-07	4/4010.0 0/00010.1	302.0	2.72	0.56
L0004340	0	0.90150E-05	474299.1 3755821.2	502.5	2.72	6.98
2.53 YES						
L0004341	0	0.90150E-05	474284.4 3755824.3	502.4	2.72	6.98
2.53 YES	0	0 004505 05	474260 7 2755027 4	F02 2	2 72	6.00
L0004342 2.53 YES	0	0.90150E-05	474269.7 3755827.4	502.3	2.72	6.98
L0004343	0	0.90150F-05	474255.0 3755830.5	501.1	2.72	6.98
2.53 YES	Ü	0.701301 03	17 1233.0 3733030.3	301.1	2.,2	0.30
L0004344	0	0.90150E-05	474240.4 3755833.6	499.5	2.72	6.98
2.53 YES						
L0004345	0	0.90150E-05	474225.7 3755836.7	498.9	2.72	6.98
2.53 YES	^	0 001505 05	474244 0 275522 0	400.3	2 72	6.00
L0004346 2.53 YES	0	0.90120E-02	474211.0 3755839.8	499.2	2.72	6.98
2.33 163						

L0004347 0 0.90150E-05 474196.3 3755842.8 501.5 2.72 6.98

2.53 YES

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:53:21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RATI ON RATE	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	ВУ	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004348 2.53 YES	0	0.90150E-05	474181.6	3755845.9	502.6	2.72	6.98
L0004349	0	0.90150E-05	474167.0	3755848.9	502.8	2.72	6.98
2.53 YES							
L0004350	0	0.90150E-05	474152.3	3755852.0	502.7	2.72	6.98
2.53 YES	0	0 001505 05	474127 C	2755055 0	F02 C	2 72	6.00
L0004351 2.53 YES	0	0.90150E-05	4/413/.6	3755855.0	502.6	2.72	6.98
L0004352	0	0.90150E-05	474122.9	3755858.1	502.5	2.72	6.98
2.53 YES							
L0004353	0	0.90150E-05	474108.2	3755861.1	502.4	2.72	6.98
2.53 YES							
L0004354	0	0.90150E-05	474093.5	3755864.2	502.4	2.72	6.98
2.53 YES L0004355	0	0.90150E-05	171070 0	3755867.2	502.4	2.72	6.98
2.53 YES	V	0.90130E-03	4/40/0.0	3/3300/.2	302.4	2.72	0.96
L0004356	0	0.90150E-05	474064.2	3755870.3	502.4	2.72	6.98
2.53 YES							
L0004357	0	0.90150E-05	474049.5	3755873.4	502.2	2.72	6.98
2.53 YES							
L0004358	0	0.90150E-05	474034.8	3755876.4	502.1	2.72	6.98
2.53 YES L0004359	0	0.90150E-05	474020.1	27EE070 E	501.8	2.72	6.98
2.53 YES	Ø	0.901306-03	474020.1	3/330/3.3	201.0	2.72	0.96
L0004360	0	0.90150E-05	474005.4	3755882.5	501.4	2.72	6.98
2.53 YES	ŭ			- : : : : : : : : : : : : : : : : : : :		_•, _	2.20
L0004361	0	0.90150E-05	473990.7	3755885.6	501.1	2.72	6.98
2.53 YES							

L0004362	0	0.90150E-05	473976.0 3755888.6	500.7	2.72	6.98
2.53 YES L0004363	0	0.90150E-05	473961.4 3755891.7	500.3	2.72	6.98
2.53 YES		0.170_20_	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20012		0,120
L0004364	0	0.90150E-05	473946.7 3755894.7	500.0	2.72	6.98
2.53 YES L0004365	0	0.90150E-05	473932.0 3755897.8	499.7	2.72	6.98
2.53 YES	О	0.901306-03	4/3932.0 3/3309/.0	433.7	2.72	0.90
L0004366	0	0.90150E-05	473917.3 3755900.8	499.3	2.72	6.98
2.53 YES						
L0004367	0	0.90150E-05	473902.6 3755903.9	499.0	2.72	6.98
2.53 YES L0004368	0	0.90150E-05	473887.9 3755906.9	498.6	2.72	6.98
2.53 YES	V	0.901306-03	4/300/.9 3/33900.9	430.0	2.72	0.36
L0004369	0	0.90150E-05	473873.2 3755910.0	498.2	2.72	6.98
2.53 YES	·	01702702 07				
L0004370	0	0.90150E-05	473858.5 3755913.0	497.8	2.72	6.98
2.53 YES						
L0004371	0	0.90150E-05	473843.9 3755916.1	497.5	2.72	6.98
2.53 YES	_					
L0004372	0	0.90150E-05	473829.2 3755919.1	497.1	2.72	6.98
2.53 YES L0004373	0	0.90150E-05	473814.5 3755922.2	496.7	2.72	6.98
2.53 YES	Ø	0.901306-03	4/3014.3 3/33922.2	490.7	2.72	0.90
L0004374	0	0.90150E-05	473799.8 3755925.2	496.3	2.72	6.98
2.53 YES	J	0.301301 03	173733.0 3733323.2	150.5	2.,,_	0.30
L0004375	0	0.90150E-05	473785.1 3755928.3	495.8	2.72	6.98
2.53 YES						
L0004376	0	0.90150E-05	473770.4 3755931.3	495.3	2.72	6.98
2.53 YES	_					
L0004377	0	0.90150E-05	473755.7 3755934.4	494.9	2.72	6.98
2.53 YES L0004378	0	0 001505 05	473741.1 3755937.5	494.5	2.72	6.98
2.53 YES	U	0.901301-03	4/3/41.1 3/3333/.3	494.5	2.72	0.98
L0004379	0	0.90150E-05	473726.4 3755940.5	494.1	2.72	6.98
2.53 YES						
L0004380	0	0.90150E-05	473711.7 3755943.6	493.5	2.72	6.98
2.53 YES						
L0004381	0	0.90150E-05	473697.0 3755946.6	493.0	2.72	6.98
2.53 YES	0	0 001505 05	473603 3 3755040 7	402 F	2 72	c 00
L0004382 2.53 YES	0	0.90150E-05	473682.3 3755949.7	492.5	2.72	6.98
L0004383	0	0.90150F-05	473667.6 3755952.7	491.9	2.72	6.98
2.53 YES	J	0.301301 03	173007.0 3733332.7	131.3	2.,,_	0.30
L0004384	0	0.90150E-05	473652.9 3755955.8	491.3	2.72	6.98
2.53 YES						
L0004385	0	0.90150E-05	473638.3 3755958.8	490.9	2.72	6.98
2.53 YES	_	0 004-5- 5-	4 <b>=</b> 0400 4 5================================	405 -		
L0004386	0	0.90150E-05	473623.6 3755961.9	490.5	2.72	6.98
2.53 YES						

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L0004387 0 0.90150E-05 473608.9 3755964.9 489.6 2.72 6.98
2.53
      YES
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                                ***
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                               14:53:21
                               PAGE 12
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                              *** VOLUME SOURCE DATA ***
             NUMBER EMISSION RATE
                                                   BASE
                                                          RELEASE
                                                                    INIT.
INIT. URBAN EMISSION RATE
              PART. (GRAMS/SEC)
                                  X Y
                                                   ELEV.
                                                          HEIGHT
                                                                     SY
  SOURCE
      SOURCE SCALAR VARY
SZ
              CATS.
                                 (METERS) (METERS) (METERS) (METERS)
    ID
                    BY
(METERS)
L0004388
                    0.90150E-05 473594.2 3755968.0
                                                    488.6
                                                             2.72
                                                                      6.98
2.53
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L0004389
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                                                    487.9
                                                             2.72
                                                                      6.98
                0
2.53
        YES
L0004390
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                                                    487.2
                                                             2.72
                                                                      6.98
2.53
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L0004391
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                                                             2.72
                                                                      6.98
2.53
       YES
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                                                             2.72
                                                                      6.98
2.53
       YES
L0004393
                    0.90150E-05 473520.8 3755983.2
                                                    485.9
                                                             2.72
                                                                     6.98
                0
2.53
       YES
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION
                     16216 ***
                                ***
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                               PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                      SOURCE IDS
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                                                      ______
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L0004017	L0004012 , L0004018	, L0004013 , L0004019	, L0004014 ,	, L0004015	, L0004016	,
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L0004041	L0004036 , L0004042	, L0004037 , L0004043	, L0004038	, L0004039	, L0004040	,
L0004049	L0004044 , L0004050	, L0004045 , L0004051	, L0004046 ,	, L0004047	, L0004048	,
L0004057	L0004052 , L0004058	, L0004053 , L0004059	, L0004054 ,	, L0004055	, L0004056	,
L0004065	L0004060 , L0004066	, L0004061 , L0004067	, L0004062 ,	, L0004063	, L0004064	,
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP	ID			SOURCE	IDs 	
L0004153	L0004148 , L0004154	, L0004149 , L0004155	, L0004150	, L0004151	, L0004152	,
L0004161	L0004156 , L0004162	, L0004157 , L0004163	, L0004158	, L0004159	, L0004160	y
L0004169	L0004164 , L0004170	, L0004165 , L0004171	, L0004166 ,	, L0004167	, L0004168	,
L0004177	L0004172 , L0004178	, L0004173 , L0004179	, L0004174	, L0004175	, L0004176	j
L0004185	L0004180 , L0004186	, L0004181 , L0004187	, L0004182	, L0004183	, L0004184	ŗ
L0004193	L0004188 , L0004194	, L0004189 , L0004195	, L0004190	, L0004191	, L0004192	ŗ
L0004201	L0004196 , L0004202	, L0004197 , L0004203	, L0004198	, L0004199	, L0004200	,
L0004209	L0004204 , L0004210	, L0004205 , L0004211	, L0004206	, L0004207	, L0004208	y
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↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
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                                14:53:21
                                PAGE 15
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID
                                                       SOURCE IDS
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★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                                ***
                               14:53:21
                               PAGE 16
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                       *** SOURCE IDS DEFINED AS URBAN SOURCES
 URBAN ID
            URBAN POP
                                                      SOURCE IDs
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L0004065	L0004060 , L0004066	, L0004061 , L0004067	, L0004062	, L0004063	, L0004064	,
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L0004145 , L0004146 , L0004147 ,

↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                      04/06/22
 *** AERMET - VERSION 16216 *** ***
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                                      PAGE 17
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDS DEFINED AS URBAN SOURCES

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URBAN ID	URBAN POP			SOURCE II	)s	
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L0004177	L0004172 , L0004178	, L0004173 , L0004179	, L0004174 ,	, L0004175	, L0004176	,
L0004185	L0004180 , L0004186	, L0004181 , L0004187	, L0004182	, L0004183	, L0004184	y
L0004193	L0004188 , L0004194	, L0004189 , L0004195	, L0004190 ,	, L0004191	, L0004192	,
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L0004209	L0004204 , L0004210	, L0004205 , L0004211	, L0004206	, L0004207	, L0004208	,
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           L0004252
                                   , L0004254
                                                             , L0004256
                     , L0004253
                       , L0004259
L0004257
          , L0004258
                      , L0004261
                                   , L0004262
                                                , L0004263
                                                             , L0004264
           L0004260
                     , L0004267
L0004265
           , L0004266
                                              , L0004271
           L0004268
                     , L0004269
                                   , L0004270
                                                             , L0004272
L0004273
                      , L0004275
           , L0004274
                     , L0004277
                                                , L0004279
          L0004276
                                   , L0004278
                                                             , L0004280
L0004281
          , L0004282
                       , L0004283
                                   , L0004286
                                                , L0004287
                      , L0004285
                                                             , L0004288
           L0004284
          , L0004290 , L0004291
L0004289
          L0004292
                     , L0004293
                                   , L0004294
                                                , L0004295
                                                             , L0004296
L0004297
          , L0004298
                      , L0004299
                      , L0004301
                                   , L0004302
                                              , L0004303 , L0004304
           L0004300
         , L0004306
                      , L0004307
L0004305
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               14:53:21
                               PAGE 18
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                      *** SOURCE IDS DEFINED AS URBAN SOURCES
***
 URBAN ID
           URBAN POP
                                                     SOURCE IDs
                                  , L0004310
                      , L0004309
                                                , L0004311 , L0004312
           L0004308
L0004313
           , L0004314
                     , L0004315
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, L0004318

, L0004319 , L0004320

, L0004317

L0004316

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L0004321 , L0004322 , L0004323 ,
          L0004324
                     , L0004325
                                  , L0004326 , L0004327 , L0004328
L0004329
           , L0004330 , L0004331
                     , L0004333
           L0004332
                                   , L0004334
                                                , L0004335
                                                             , L0004336
                       , L0004339
L0004337
          , L0004338
           L0004340
                      , L0004341
                                   , L0004342 , L0004343
                                                             , L0004344
           , L0004346 , L0004347
L0004345
          L0004348
                      , L0004349
                                   , L0004350 , L0004351
                                                             , L0004352
                      , L0004355
L0004353
           . L0004354
                     , L0004357
           L0004356
                                   , L0004358
                                              , L0004359
                                                             , L0004360
L0004361
                       , L0004363
          , L0004362
           L0004364
                      , L0004365
                                   , L0004366
                                                , L0004367
                                                             , L0004368
          , L0004370 , L0004371
L0004369
                     , L0004373
                                   , L0004374
                                                , L0004375
                                                             , L0004376
          L0004372
                      , L0004379
L0004377
          , L0004378
                     , L0004381
                                  , L0004382
           L0004380
                                             , L0004383 , L0004384
          , L0004386
                     , L0004387
L0004385
           L0004388
                     , L0004389
                                  , L0004390 , L0004391 , L0004392
L0004393
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
 *** AERMET - VERSION 16216 *** ***
                               14:53:21
                               PAGE 19
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0,
474796.0,
```

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

```
3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6,
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           14:53:21
                           PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04
                                               474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 497.50
                            497.60
                                     497.30
                                                497.10
                                                           497.00
 497.00
            497.00 496.60
 3755618.62 | 496.90
                                               497.00
                            497.10
                                    497.10
                                                           496.90
           497.10
                  495.90
 497.10
                 496.70
                            497.00 497.00 497.00
 3755603.62
                                                           497.00
           497.10 495.40
 497.20
                            496.90
                                      496.90
 3755588.62 | 496.60
                                                497.00
                                                           497.10
          497.10
                      495.10
 497.30
 3755573.62 | 496.40
                           496.70 496.80 497.00 497.10
 497.20
            496.90
                      494.70
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           14:53:21
                           PAGE 21
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
              474691.04 474706.04 474721.04 474736.04 474751.04
   (METERS)
474766.04 474781.04 474796.04
 3755633.62 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90				
789.90 789.90 789.90 789.90 789.90	39.90	789.90	789.90	789.90
3755603.62   789.90 78 789.90 789.90 789.90	39.90	789.90	789.90	789.90
3755588.62   789.90 78	39.90	789.90	789.90	789.90
789.90 789.90 789.90 3755573.62   789.90 78	39.90	789.90	789.90	789.90
789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***  14:	04/06/22	RATIONS - TR	UCK PM	
DAG	or 22			
*** MODELOPTs: RegDFAULT CONC	GE 22 ELEV URBAN	ADJ_U*		
	*** GRID	DED RECEPTOR	NETWORK SUMM	ARY ***
***	* NETWORK ID	: UCART2 ;	NETWORK TYP	E: GRIDCART
	*** X-	COORDINATES (	OF GRID ***	
474790.5, 474805.5, 474820.5 474895.5,	5, 474835.5	, 474850.5,	474865.5,	474880.5,
	*** Y-	COORDINATES (	OF GRID ***	
3755561.1, 3755576.1, 3755591.1				
↑ *** AERMOD - VERSION 21112 ***  ***	*** 2036 OPE 04/06/22	RATIONS - IR	UCK PM	
*** AERMET - VERSION 16216 *** **	** :53:21			
*** MODELOPTs: RegDFAULT CONC E	GE 23 ELEV URBAN	ADJ_U*		
***	* NETWORK ID	: UCART2 ;	NETWORK TYP	E: GRIDCART
		* ELEVATION H	HEIGHTS IN ME	TERS *
Y-COORD			X-COORD (ME	TERS)
(METERS)   474790.51 47486 474865.51 474880.51 474895.51	95.51 474	820.51 474		•

	496.10		493.70	493.20	493.20
3755591.07	3.40 493.60 495.90	494.00	493.30	492.90	492.90
3755576.07	2.90 492.70 495.60 2.60 492.10	493.50	493.00	492.60	492.70
3755561.07	495.20 495.20 2.40 492.10	493.10	492.70	492.40	492.50
*** AERMOD - VEI	RSION 21112 *** ***	*** 2036 OF 04/06/22 ***	PERATIONS - TE	RUCK PM	
*** MODELOPTs:		PAGE 24 ELEV URBAN	I ADJ_U*		
***		*** NETWORK I	D: UCART2 ;	NETWORK TYP	PE: GRIDCART
			* HILL HEIGH	IT SCALES IN N	METERS *
Y-COORD   (METERS)   474865.51 47488	474790.51 47 30.51 474895.5		4820.51 47	/	
3755606.07	789.90 9.90 789.90	789.90	789.90	789.90	789.90
3755591.07	789.90 789.90 9.90 789.90	789.90	789.90	789.90	789.90
3755576.07	789.90 789.90 9.90 789.90	789.90	789.90	789.90	789.90
3755561.07   789.90 789	789.90	789.90	789.90	789.90	789.90
↑ *** AERMOD - VE	RSION 21112 *** ***	*** 2036 OF 04/06/22	PERATIONS - TE	RUCK PM	
*** AERMET - VERS		*** 14:53:21			
*** MODELOPTs:	RegDFAULT CONC	PAGE 25 ELEV URBAN	I ADJ_U*		
		*** GRI	DDED RECEPTOR	NETWORK SUMM	MARY ***
***		*** NETWORK I	D: UCART3 ;	NETWORK TYP	PE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*

474800.9, 474815.9,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755608.3, 3755623.3, \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 14:53:21 PAGE 26 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474800.90 474815.90 3755623.35 495.80 495.20 3755608.35 | 495.00 494.00 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:53:21 PAGE 27 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) | 474800.90 474815.90 
 3755623.35
 789.90
 789.90

 3755608.35
 789.90
 789.90

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

04/06/22

```
*** AERMET - VERSION 16216 *** ***
                               14:53:21
                               PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
                                      *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                      *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                               14:53:21
                               PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
               474820.81 474835.81
 3755622.54
                  495.00
                              494.80
 3755607.54
                   493.70
                              493.20
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                               14:53:21
                               PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
```

## \* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
(METERS)   474820.81	474835.81
3755622.54   789.90	789.90
:	789.90 789.90
·	*** *** 2036 OPERATIONS - TRUCK PM
***	04/06/22
*** AERMET - VERSION 16216	
***	14:53:21
	PAGE 31
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** GRIDDED RECEPTOR NETWORK SUMMARY ***
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	ŕ
	*** V COODDINATEC OF CDID ***
	*** X-COORDINATES OF GRID ***  (METERS)
	(HETEKS)
474838.9, 474853.9,	
	*** Y-COORDINATES OF GRID ***
	(METERS)
2755600 4 2755615 4	
3755600.4, 3755615.4, ★ *** AERMOD - VERSION 21112	*** *** 2036 OPERATIONS - TRUCK PM
***	04/06/22
*** AERMET - VERSION 16216	
***	14:53:21
	PAGE 32
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** NETHORY TO LICARTE . NETHORY TYPE, CRIDCARI
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD	X-COORD (METERS)
<u>'</u>	474853.93

```
3755615.41 | 493.60
3755600.41 | 493.10
                                493.60
                                 493.10
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                                14:53:21
                                PAGE 33
                 RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                                *** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***
                                              * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                           X-COORD (METERS)
   (METERS) | 474838.93 474853.93
 3755615.41
                    789.90
                                 789.90
                                789.90
 3755600.41
                   789.90
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                14:53:21
                                PAGE 34
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
***
                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)
      474857.7, 474872.7,
                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)
     3755596.5, 3755611.5,
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                      ***
                                14:53:21
                                PAGE 35
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RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
   (METERS)
                474857.73 474872.73
 3755611.53
                   493.30
                                493.50
 3755596.53
                    493.00
                              493.10
↑ *** AERMOD - VERSION 21112
                            *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               14:53:21
                               PAGE 36
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
             474857.73 474872.73
   (METERS)
 3755611.53
                   789.90
                               789.90
 3755596.53
                    789.90
                                789.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               14:53:21
                               PAGE 37
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                       *** X-COORDINATES OF GRID ***
```

(METERS)

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755333.7,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:53:21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

#### \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

(METERS)	4751	108.79 475	5128.79 47	5148.79	475168.79	475188.79
475208.79						
3755333.70	1 4	193.70	492.80	492.30	492.40	492.80
	•		496.20			.52.00
					492.00	492.40
492.80	493.10	493.60	494.40			
	•				491.70	492.00
			493.40			
	•				491.50	491.70
			493.10			
					491.40	491.50
			493.20			
3755233.70	4	192.30	491.90	491.60	491.40	491.40
			493.30			
					491.60	491.50
			493.40			
3755193.70	4	192.00	492.00	492.00	491.90	491.70
491.80	492.30	492.80	493.30			
3755173.70	4	192.10	492.10	492.10	492.00	491.70
491.90	492.30	492.70	493.10			
3755153.70	4	192.30	492.10	492.10	492.00	491.70
491.90	492.20	492.50	492.90			
★ *** AERMOD	- VERSION	21112 ***	*** 2036 OP	ERATIONS -	TRUCK PM	

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04/06/22
*** AERMET - VERSION 16216 *** ***
                            14:53:21
                            PAGE 39
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475288.79
 3755333.70
                496.60
 3755313.70
                494.90
 3755293.70
                494.00
 3755273.70
                493.80
 3755253.70
                  493.90
 3755233.70
                 493.90
 3755213.70
                 493.90
 3755193.70
                493.70
 3755173.70
                 493.50
 3755153.70
                 493.40
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                            14:53:21
                            PAGE 40
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                   X-COORD (METERS)
   (METERS) | 475108.79 475128.79 475148.79 475168.79
475208.79 475228.79
                   475248.79
                                475268.79
 3755333.70 | 789.90 789.90
                                        789.90 789.90 789.90
 789.90
            789.90 789.90 789.90
 3755313.70 | 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90 789.90

```
789.90 789.90
 3755293.70
                                           789.90
                                                       789.90
                                                                    789.90
             789.90
                      789.90
                                     789.90
 789.90
 3755273.70
                   789.90
                               789.90
                                            789.90
                                                       789.90
                                                                    789.90
             789.90
                        789.90
                                     789.90
 789.90
 3755253.70
                                           789.90
                    789.90
                               789.90
                                                       789.90
                                                                    789.90
 789.90
             789.90
                         789.90
                                     789.90
                    789.90
                               789.90
                                            789.90
                                                       789.90
                                                                    789.90
 3755233.70
 789.90
             789.90
                         789.90
                                     789.90
                   789.90
                               789.90
                                                       789.90
 3755213.70
                                           789.90
                                                                    789.90
             789.90
                         789.90
                                     789.90
 789.90
 3755193.70
                    789.90
                               789.90
                                            789.90
                                                       789.90
                                                                    789.90
             789.90
                         789.90
 789.90
                                     789.90
 3755173.70
                   789.90
                               789.90
                                           789.90
                                                       789.90
                                                                    789.90
             789.90
                        789.90
                                    789.90
 789.90
                               789.90
 3755153.70
                    789.90
                                            789.90
                                                       789.90
                                                                    789.90
 789.90
             789.90
                         789.90
                                     789.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                      ***
                               04/06/22
*** AERMET - VERSION
                    16216 ***
                               ***
                     ***
                               14:53:21
                               PAGE 41
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                               *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                            * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                         X-COORD (METERS)
   (METERS) |
                 475288.79
 3755333.70
                   789.90
 3755313.70
                    789.90
 3755293.70
                   789.90
 3755273.70
                   789.90
 3755253.70
                   789.90
 3755233.70
                   789.90
 3755213.70
                   789.90
 3755193.70
                   789.90
 3755173.70
                   789.90
 3755153.70 |
                    789.90
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                     ***
                               14:53:21
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475151.6, 475171.6, 475191.6, 475211.6, 475231.6, 475251.6, 475271.6, 475391.6, 475351.6, 475371.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

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475151.63 475171.63 475191.63

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD |

(METERS)

\* ELEVATION HEIGHTS IN METERS \*

475211.63

X-COORD (METERS)

475231.63

475251.63	175271.63 4	75291.63	3 475311	1.63		
3755398.30	497.2	0	497.00	496.70	496.70	497.40
497.80	497.90	497.70	497.	60		
3755378.30	495.9	0	495.60	495.20	495.30	496.30
497.30	497.80	497.60	497.	40		
3755358.30	494.4	0	494.20	493.80	494.10	495.20
496.40	497.40	497.30	496.	90		
3755338.30	492.6	0	492.70	493.00	493.50	494.00
495.20	496.60	496.90	496.	30		
★ *** AERMOD					- TRUCK PM	
			04/06/22			
*** AERMET -	VERSION 1621	6 ***	***			

14:53:21

PAGE 44 RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 497.60 497.70 497.90 3755378.30 497.20 497.20 497.60 3755358.30 | 496.70 496.80 497.30 3755338.30 496.00 496.30 497.10 ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 14:53:21 PAGE 45 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 475151.63 475171.63 475191.63 475211.63 475231.63 475251.63 475271.63 475291.63 475311.63 3755398.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755358.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM \*\*\* 04/06/22

789.90 789.90

789.90 789.90

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:53:21

789.90

3755338.30 |

PAGE 46

789.90

789.90

789.90

RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \*\*\* \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 3755358.30 789.90 789.90 789.90 3755338.30 789.90 789.90 789.90 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:53:21 PAGE 47 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART \*\*\* \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755404.0, 3755424.0, 3755444.0, ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* 14:53:21 PAGE 48 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475185.62 4 475285.62 475305.62 475325.		X-COORD (METERS) 475245.62 475265.62
3755444.04   496.90 498.30 498.40 498.5		497.80 498.10
3755424.04   497.00 498.10 498.10 498.2		497.80 498.00
3755404.04   496.90	496.80 497.20	
*** AERMET - VERSION 16216 ***	04/06/22 ***	- TRUCK PM
***	14:53:21	
*** MODELOPTs: RegDFAULT CON	PAGE 49 C ELEV URBAN ADJ_U*	
***	*** NETWORK ID: UCART1	0 ; NETWORK TYPE: GRIDCART
	* ELEVAT	ION HEIGHTS IN METERS *
Y-COORD   (METERS)   475365.62		X-COORD (METERS)
3755444.04   498.50 3755424.04   498.30 3755404.04   497.90		
3755404.04   497.90 ↑ *** AERMOD - VERSION 21112 *** ***  *** AERMET - VERSION 16216 ***	04/06/22	- TRUCK PM
***		
	14:53:21	
*** MODELOPTs: RegDFAULT CON	14:53:21 PAGE 50 C ELEV URBAN ADJ_U*	
*** MODELOPTs: RegDFAULT CON	PAGE 50 C ELEV URBAN ADJ_U*	0 ; NETWORK TYPE: GRIDCART
	PAGE 50 IC ELEV URBAN ADJ_U* *** NETWORK ID: UCART1	0 ; NETWORK TYPE: GRIDCART EIGHT SCALES IN METERS *

(METERS)   475185.62 475205.62 475225.62 475245.62 475285.62 475305.62 475325.62 475345.62	5.62
3755444.04   789.90 789.90 789.90 78 789.90 789.90 789.90 789.90	9.90
	9.90
789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	9.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM  *** 04/06/22  *** AERMET - VERSION 16216 *** ***	
*** 14:53:21	
PAGE 51 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** NETWORK ID: UCART10 ; NETWORK TYPE: ***	GRIDCART
* HILL HEIGHT SCALES IN METE	RS *
Y-COORD   X-COORD (METER (METERS)   475365.62	S)
3755444.04   789.90 3755424.04   789.90	
3755404.04   789.90 ↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM *** 04/06/22	
*** 04/06/22 *** AERMET - VERSION 16216 *** *** *** 14:53:21	
PAGE 52 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** GRIDDED RECEPTOR NETWORK SUMMARY	***
*** NETWORK ID: UCART12 ; NETWORK TYPE: ***	GRIDCART
*** X-COORDINATES OF GRID *** (METERS)	
475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475	350.5,

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755450.2, 3755470.2, 3  *** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	*** *** 2036 OP 04/06/22	ERATIONS -	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 53 CONC ELEV URBAN	ADJ_U*		
***	*** NETWORK I	D: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* ELEVATI	ON HEIGHTS IN	N METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47 47	5270.47		(METERS) 475310.47
•	497.80	498.20	498.60	499.00
3755470.18   497.40	497.80	498.20	498.50	498.80
498.90 498.90 3755450.18   497.50	497.90	498.20	498.40	498.50
498.60 498.60 ★ *** AERMOD - VERSION 21112 ***  *** AERMET - VERSION 16216 ***	04/06/22	'ERATIONS -	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 54 CONC ELEV URBAN	ADJ_U*		
***	*** NETWORK I	D: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* HILL HE	GIGHT SCALES 1	IN METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47 47	5270.47		(METERS) 475310.47
3755490.18   789.90 789.90 789.90	789.90	789.90	789.90	789.90

```
3755470.18 | 789.90 789.90
                                           789.90 789.90 789.90
 789.90
             789.90
 3755450.18
                    789.90
                               789.90
                                           789.90
                                                      789.90
                                                                  789.90
             789.90
 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                               14:53:21
                              PAGE 55
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475254.8, 475274.8, 475294.8, 475314.8, 475334.8,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755493.8, 3755513.8,
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                               14:53:21
                               PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS)
                475254.84 475274.84 475294.84 475314.84
                                                                475334.84
                  498.20
 3755513.80
                                                                  499.50
                               498.70
                                           499.10
                                                       499.40
                                           498.80
                                                                  499.20
 3755493.80
                   498.00
                               498.40
                                                       499.10
                               *** 2036 OPERATIONS - TRUCK PM
↑ *** AERMOD - VERSION 21112 ***
                               04/06/22
                               ***
*** AERMET - VERSION 16216 ***
                     ***
                              14:53:21
```

PAGE 57

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) 475254.84 475274.84 475294.84 475314.84 475334.84

789.90 789.90 789.90 3755513.80 789.90 789.90 3755493.80 789.90 789.90 789.90 789.90 789.90

★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 14:53:21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\* (METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

\*\*\* 2036 OPERATIONS - TRUCK PM \*\*\* AERMOD - VERSION 21112 \*\*\* 04/06/22

\*\*\*

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 14:53:21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

<sup>\*</sup> ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	VERSION 21112  ***	*** *** 203 04/06/2	6 OPERATIONS 2	- TRUCK PM	
*** AERMET - \	VERSION 16216	*** ***			
	***	14:53:21			
*** MODELOPTs	: RegDFAULT	PAGE 60 CONC ELEV U	RBAN ADJ_U*		
***		*** NETWO	RK ID: UCART1	4 ; NETWORK	TYPE: GRIDCART
			* HILL H	EIGHT SCALES	IN METERS *
Y-COORD				X-COORD	(METERS)
Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
	475293 <b>.</b> 48	475313.48 	475333.48 		•
	475293.48 	475313.48 	475333.48  		•
(METERS)   					475373.48
	475293.48   789.90 789.90	475313.48   789.90 789.90	475333.48 	475353.48 	•
(METERS)     3755332.63		789.90	  789.90	475353.48  789.90	475373.48  789.90
(METERS)    	789.90 789.90	789.90 789.90	789.90 789.90	475353.48  789.90 789.90	475373.48  789.90 789.90
(METERS)   	789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90	475373.48 
(METERS)   	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475353.48  789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755252.63	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2 *** 14:53:21	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2 *** 14:53:21 PAGE 61	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS	475353.48 	789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2 *** 14:53:21 PAGE 61	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS 2	475353.48 	475373.48 
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2 *** 14:53:21 PAGE 61	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS 2	475353.48 789.90 789.90 789.90 789.90 789.90 789.90 7RUCK PM	475373.48 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 203 04/06/2 *** 14:53:21 PAGE 61	789.90 789.90 789.90 789.90 789.90 789.90 789.90 6 OPERATIONS 2	475353.48 789.90 789.90 789.90 789.90 789.90 789.90 7RUCK PM	475373.48 

1 1 1 1111111 11111111111 1 1 1 111111 1111111111 1 1 1 1 1 1 1 1 1 1 1111111111 1 1 1 1 1 1 1 1 1 1 1 1 1 111111 1111111111 1111111111 1111111111 11111111111 1111111111 1111111111 1111111 1111111111 111111111 1111

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,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

\*\*\* 04/06/22 \*\*\* AFRMET - VERSTON 16216 \*\*\* \*\*\*

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 14:53:21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI\_V9\_ADJU\PERI\_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

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 10 01 01 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 142. 9.1 280.9 5.5 1.00 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 324. 9.1 280.4 5.5 10 01 01 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 0.40 294. 9.1 278.8 5.5 10 01 01 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 0.90 205. 9.1 278.1 5.5 10 01 01 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 0.61 0.40 3. 9.1 277.0 5.5 1.00 10 01 01 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 0.61 1.30 99. 9.1 277.0 5.5 1.00 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.90 319. 9.1 278.8 5.5 10 01 01 1 09 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 0.90 239. 9.1 284.2 5.5 0.33 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61 0.26 0.40 188. 9.1 289.2 5.5 10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19 0.61 2.70 310. 9.1 290.9 5.5 10 01 01 1 12 97.1 0.281 1.058 0.008 421. 357. -19.7 0.19 2.20 357. 9.1 293.1 5.5 10 01 01 1 13 92.2 0.279 1.117 0.008 523. 354. -20.4 0.19 0.22 2.20 356. 9.1 293.8 5.5 10 01 01 1 14 77.6 0.275 1.102 0.008 595. 347. -23.2 0.19 0.23 2.20 50. 9.1 294.2 5.5 10 01 01 1 15 54.9 0.230 1.006 0.008 640. 266. -19.2 0.19 0.27 1.80 53. 9.1 293.8 5.5 10 01 01 1 16 12.3 0.206 0.613 0.008 648. 225. -61.5 0.19 1.80 11. 9.1 292.5 5.5 0.36 10 01 01 1 17 -3.6 0.087 -9.000 -9.000 -999. 71. 15.6 0.19 0.61 0.90 351. 9.1 290.4 5.5 10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 186. 9.1 287.5 5.5 10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 275. 9.1 285.9 5.5 10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39. 18.1 0.19 0.61 0.40 181. 9.1 285.4 5.5 1.00

10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106. 21.3 0.19

10 01 01 1 22 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61

1.30 318. 9.1 284.9 5.5

1.00 0.90 196. 9.1 283.1 5.5

0.61

```
10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61
      0.90 330. 9.1 281.4
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61
1.00 1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01 9.1 1 335. 1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                    *** 04/06/22
*** AERMET - VERSION 16216 *** ***
                            14:53:21
                            PAGE 63
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0003988
                                                           , L0003989
                      , L0003992
, L0003990
           , L0003991
                                   , L0003995 , L0003996 , L0003997
                       , L0003994
              L0003993
, L0003998
           , L0003999 , L0004000
              L0004001 , L0004002 , L0004003 , L0004004 , L0004005
                       , L0004008
, L0004006
           , L0004007
                      , L0004010
                                  , L0004011 , L0004012 , L0004013
              L0004009
, L0004014
           , L0004015
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) |
               474691.04
                          474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.03891
                                     0.04087 0.04189
                            0.03995
                                                             0.04302
0.04427 0.04560 0.04679
 3755618.62
                0.03453
                            0.03536 0.03616
                                                  0.03697
                                                             0.03782
        0.03983
                     0.04035
0.03884
                            0.03189 0.03253
                                                  0.03320
 3755603.62 | 0.03119
                                                             0.03390
0.03470
       0.03543 0.03564
 3755588.62
                0.02850 0.02907 0.02960
                                                  0.03017
                                                             0.03077
```

```
0.03141 0.03198 0.03205
 3755573.62 | 0.02624 0.02672 0.02718 0.02768 0.02817
          0.02913
                    0.02913
0.02869
↑ *** AERMOD - VERSION 21112 ***
                             *** 2036 OPERATIONS - TRUCK PM
                             04/06/22
                   16216 *** ***
*** AERMET - VERSION
                   ***
                            14:53:21
                            PAGE 64
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                                           , L0003989
                            INCLUDING SOURCE(S): L0003988
           , L0003991
                       , L0003992
, L0003990
                                   , L0003995 , L0003996 , L0003997
                       , L0003994
             L0003993
           , L0003999 , L0004000
, L0003998
              L0004001 , L0004002 , L0004003 , L0004004 , L0004005
           , L0004007
L0004006
                       , L0004008
                      , L0004010
                                  , L0004011 , L0004012 , L0004013
              L0004009
, L0004014
           , L0004015
                             *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 474790.51 474805.51 474820.51
                                                           474850.51
                                                474835.51
474865.51 474880.51 474895.51
 3755606.07 | 0.03624 0.03651
                                      0.03709
                                                 0.03782
                                                             0.03878
0.03983 0.04095 0.04218
                            0.03266 0.03313 0.03372
 3755591.07 | 0.03256
                                                             0.03445
0.03523
        0.03604 0.03683
 3755576.07
                0.02957
                            0.02960 0.03002 0.03048
                                                             0.03110
          0.03233
                     0.03286
0.03171
 3755561.07
                                                             0.02838
                0.02710
                           0.02710 0.02747 0.02787
        0.02938
                      0.02985
0.02888
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            14:53:21
                            PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
```

```
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                   INCLUDING SOURCE(S):
                                                            L0003988
                                                                         , L0003989
, L0003990
              , L0003991
                             , L0003992
                                                          , L0003996
                                                                         , L0003997
                 L0003993
                             , L0003994
                                            , L0003995
 L0003998
              , L0003999
                            , L0004000
                                                          , L0004004
                             , L0004002
                                            , L0004003
                                                                         , L0004005
                 L0004001
              , L0004007
                             , L0004008
 L0004006
                 L0004009
                             , L0004010
                                            , L0004011
                                                          , L0004012
                                                                         , L0004013
 L0004014
              , L0004015
                                    *** NETWORK ID: UCART3
                                                            ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
    Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   474800.90
  3755623.35
                     0.04239
                                   0.04331
  3755608.35
                     0.03707
                                   0.03760
★ *** AERMOD - VERSION 21112
                                     *** 2036 OPERATIONS - TRUCK PM
                                    04/06/22
                                    ***
 *** AERMET - VERSION
                       16216 ***
                       ***
                                   14:53:21
                                   PAGE 66
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                   INCLUDING SOURCE(S):
                                                                         , L0003989
                                                            L0003988
, L0003990
              , L0003991
                             , L0003992
                                                          , L0003996
                             , L0003994
                                            , L0003995
                                                                         , L0003997
                 L0003993
              , L0003999
 L0003998
                             , L0004000
                 L0004001
                                            , L0004003
                             , L0004002
                                                          , L0004004
                                                                         , L0004005
 L0004006
              , L0004007
                             , L0004008
                                            , L0004011
                 L0004009
                             , L0004010
                                                          , L0004012
                                                                         , L0004013
 L0004014
              , L0004015
                                    *** NETWORK ID: UCART4
                                                              ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
                   **
    Y-COORD
                                                               X-COORD (METERS)
```

```
(METERS) | 474820.81 474835.81
 3755622.54
                   0.04330
                              0.04448
 3755607.54
                   0.03754
                               0.03829
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION
                    16216 ***
                               14:53:21
                               PAGE 67
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                     L0003988
                                                                  , L0003989
, L0003990
             , L0003991
                         , L0003992
                         , L0003994
                                       , L0003995 , L0003996
                                                                  , L0003997
               L0003993
 L0003998
            , L0003999
                         , L0004000
                                       , L0004003
                          , L0004002
               L0004001
                                                   , L0004004
                                                                 , L0004005
                         , L0004008
             , L0004007
 L0004006
                         , L0004010
                                       , L0004011 , L0004012 , L0004013
               L0004009
            , L0004015
 L0004014
                                *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                       IN MICROGRAMS/M**3
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                            474853.93
                474838.93
                   0.04135
 3755615.41 |
                               0.04252
 3755600.41
              0.03635
                               0.03722
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                               14:53:21
                               PAGE 68
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992
```

```
, L0003994
                L0003993
                                          , L0003995 , L0003996 , L0003997
. L0003998
             , L0003999
                           , L0004000
                           , L0004002
                                          , L0004003
                L0004001
                                                       , L0004004
                                                                     , L0004005
             , L0004007
                           , L0004008
 L0004006
                                          , L0004011
                L0004009
                           , L0004010
                                                       , L0004012
                                                                     , L0004013
 L0004014
             , L0004015
                                  *** NETWORK ID: UCART6
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
                  **
   Y-COORD
                                                            X-COORD (METERS)
    (METERS) |
                  474857.73
                             474872.73
                    0.04121
 3755611.53
                                 0.04246
 3755596.53
                    0.03630
                                 0.03720
                             *** *** 2036 OPERATIONS - TRUCK PM
↑ *** AERMOD - VERSION 21112
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 14:53:21
                                 PAGE 69
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0003988
                                                                     , L0003989
, L0003990
             , L0003991
                           , L0003992
                           , L0003994
                                                      , L0003996
                                         , L0003995
                L0003993
                                                                     , L0003997
 L0003998
             , L0003999
                          , L0004000
                                         , L0004003
                           , L0004002
                                                       , L0004004
                                                                     , L0004005
                L0004001
                           , L0004008
, L0004006
             , L0004007
                           , L0004010
                                         , L0004011
                                                       , L0004012
                                                                     , L0004013
                L0004009
 L0004014
             , L0004015
                                  *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
   Y-COORD
                                                            X-COORD (METERS)
                  475108.79 475128.79 475148.79
                                                        475168.79
                                                                    475188.79
    (METERS)
475208.79
            475228.79
                         475248.79
                                      475268.79
```

```
3755333.70 | 0.01415 0.01420
                                      0.01427
                                                0.01438
                                                           0.01450
0.01462 0.01473 0.01486 0.01502
 3755313.70 0.01335 0.01340
                                      0.01347
                                                0.01355
                                                           0.01366
       0.01384 0.01394 0.01404
0.01376
 3755293.70 0.01264 0.01269
                                      0.01275
                                                0.01282
                                                           0.01291
0.01299
           0.01307
                     0.01314 0.01322
 3755273.70
                                                0.01216
                0.01202 0.01205
                                     0.01210
                                                           0.01223
           0.01238 0.01244 0.01251
0.01231
 3755253.70
               0.01143 0.01148
                                                0.01157
                                      0.01152
                                                           0.01163
0.01170
           0.01176
                     0.01183
                                0.01189
 3755233.70
                0.01090 0.01095
                                      0.01099
                                                0.01104
                                                           0.01108
           0.01121 0.01127 0.01133
0.01114
 3755213.70 | 0.01042 0.01046
                                      0.01051
                                                0.01055
                                                           0.01059
0.01065
           0.01070
                     0.01076
                                0.01081
                0.00998
                           0.01002
                                                0.01011
                                                           0.01014
 3755193.70
                                      0.01007
0.01018
       0.01024 0.01029
                              0.01033
 3755173.70 | 0.00957 0.00962
                                      0.00966
                                                0.00969
                                                           0.00972
        0.00981 0.00985 0.00989
0.00976
 3755153.70 0.00920 0.00924
                                      0.00927
                                               0.00931
                                                           0.00933
0.00937 0.00940
                  0.00944 0.00947
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 ***
                           14:53:21
                           PAGE 70
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003988
                                                         , L0003989
, L0003990
           , L0003991
                      , L0003992
                      , L0003994
                                 , L0003995 , L0003996
             L0003993
                                                         , L0003997
           , L0003999
                      , L0004000
 L0003998
                      , L0004002
                                , L0004003       , L0004004
                                                        , L0004005
             L0004001
           , L0004007
                      , L0004008
 L0004006
                      , L0004010
                                 , L0004011     , L0004012
             L0004009
                                                         , L0004013
, L0004014
           , L0004015
                            *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                  X-COORD (METERS)
   Y-COORD
   (METERS)
               475288.79
```

```
3755333.70
                   0.01511
 3755313.70
                   0.01413
 3755293.70
                   0.01329
 3755273.70 l
                   0.01259
 3755253.70
                   0.01196
 3755233.70 l
                   0.01138
 3755213.70
                   0.01086
 3755193.70
                   0.01037
 3755173.70
                   0.00992
 3755153.70
                   0.00951
                           *** *** 2036 OPERATIONS - TRUCK PM
↑ *** AERMOD - VERSION 21112
                                04/06/22
                     16216 ***
                                ***
*** AERMET - VERSION
                     ***
                               14:53:21
                               PAGE 71
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                    L0003988
                                                                 , L0003989
, L0003990
                         , L0003992
             , L0003991
                         , L0003994
                                       , L0003995
                                                   , L0003996
               L0003993
                                                                 , L0003997
, L0003998
             , L0003999
                         , L0004000
                         , L0004002
               L0004001
                                       , L0004003
                                                                 , L0004005
                                                   , L0004004
 L0004006
             , L0004007
                         , L0004008
                                       , L0004011
                                                    , L0004012
                                                                 , L0004013
               L0004009
                         , L0004010
            , L0004015
 L0004014
                                *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                       IN MICROGRAMS/M**3
                 **
   Y-COORD
                                                         X-COORD (METERS)
             475151.63 475171.63 475191.63
   (METERS)
                                                     475211.63
                                                                 475231.63
           475271.63
                       475291.63
                                   475311.63
 3755398.30
                   0.01804 0.01820
                                           0.01833
                                                       0.01848
                                                                   0.01868
            0.01896
                        0.01904
                                    0.01911
                                                       0.01707
 3755378.30
                0.01671
                               0.01683
                                           0.01693
                                                                   0.01726
            0.01757
                        0.01764
                                    0.01769
0.01744
 3755358.30
                   0.01555
                               0.01565
                                           0.01573
                                                       0.01586
                                                                   0.01604
0.01621
            0.01636
                        0.01642
                                    0.01646
 3755338.30 | 0.01450 0.01461
                                           0.01473
                                                       0.01485
                                                                   0.01497
0.01512
            0.01528 0.01535 0.01537
```

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*** AERMOD - VERSION 21112 ***
                                    *** 2036 OPERATIONS - TRUCK PM
                                    04/06/22
                       16216 ***
 *** AERMET - VERSION
                                  14:53:21
                                  PAGE 72
                              CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                   RegDFAULT
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003988
                                                                        , L0003989
, L0003990
              , L0003991
                            , L0003992
                            , L0003994
                                           , L0003995
                                                         , L0003996
                 L0003993
                                                                        , L0003997
                            , L0004000
              , L0003999
 L0003998
                            , L0004002
                 L0004001
                                           , L0004003
                                                         , L0004004
                                                                        , L0004005
 L0004006
              , L0004007
                            , L0004008
                 L0004009
                             , L0004010
                                           , L0004011
                                                         , L0004012
                                                                        , L0004013
, L0004014
              , L0004015
                                   *** NETWORK ID: UCART8
                                                             ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475331.63
                                475351.63
                                             475371.63
                                               0.01928
  3755398.30 l
                     0.01917
                                  0.01923
  3755378.30
                     0.01774
                                               0.01784
                                  0.01778
  3755358.30
                                  0.01654
                                               0.01660
                     0.01649
  3755338.30
                     0.01539
                                  0.01545
                                               0.01552
★ *** AERMOD - VERSION 21112
                                    *** 2036 OPERATIONS - TRUCK PM
                                    04/06/22
                       16216 ***
                                   ***
 *** AERMET - VERSION
                                  14:53:21
                                  PAGE 73
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0003988
                                                                        , L0003989
, L0003990
              , L0003991
                            , L0003992
                                           , L0003995
                                                         , L0003996
                 L0003993
                            , L0003994
                                                                        , L0003997
 L0003998
              , L0003999
                            , L0004000
                             , L0004002
                                           , L0004003
                                                         , L0004004
                                                                        , L0004005
                 L0004001
, L0004006
              , L0004007
                            , L0004008
```

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L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF PM_10 IN MICROGRAMS/M**3
   Y-COORD |
                                                  X-COORD (METERS)
   (METERS) 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.02210 0.02237 0.02263 0.02288
                                                          0.02309
3755424.04 | 0.02027 0.02049 0.02069 0.02089
                                                          0.02106
0.02120 0.02130 0.02140 0.02146
 3755404.04 0.01871 0.01886 0.01904 0.01923
                                                          0.01936
0.01946 0.01955 0.01961 0.01967
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                           04/06/22
*** AERMET - VERSION 16216 *** ***
                           14:53:21
                           PAGE 74
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990
           , L0003991 , L0003992
             L0003993 , L0003994 , L0003995 , L0003996 , L0003997
          , L0003999
, L0003998
                     , L0004000
             L0004001 , L0004002 , L0004003 , L0004004 , L0004005
                      , L0004008
, L0004006 , L0004007
             L0004009
                      , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015
                      , . . .
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                  X-COORD (METERS)
   Y-COORD
   (METERS) | 475365.62
```

```
3755444.04
                 0.02366
 3755424.04
                  0.02152
 3755404.04
                  0.01973
★ *** AERMOD - VERSION 21112
                          *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              14:53:21
                              PAGE 75
                RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003988
                                                              , L0003989
, L0003990
            , L0003991
                         , L0003992
                        , L0003994 , L0003995 , L0003996
               L0003993
                                                              , L0003997
, L0003998
            , L0003999
                        , L0004000
                        , L0004002
                                    , L0004003      , L0004004
              L0004001
                                                               , L0004005
 L0004006
           , L0004007
                        , L0004008
                                                               , L0004013
              L0004009
                         , L0004010
                                     , L0004011
                                                 , L0004012
 L0004014
            , L0004015
                               *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                       X-COORD (METERS)
   (METERS)
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
                                                   0.03021
 3755490.18 0.02903
                            0.02948 0.02987
                                                                0.03049
0.03067 0.03079
 3755470.18 | 0.02588 0.02621
                                     0.02651
                                                 0.02675
                                                                 0.02696
0.02710
            0.02719
 3755450.18
                            0.02363
                                        0.02385
                                                     0.02404
                                                                 0.02418
                 0.02337
0.02429
            0.02437
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                               ***
                              14:53:21
                              PAGE 76
                RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
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\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION

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***
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0003988
                                                                      L0003989
, L0003990
              , L0003991
                           , L0003992
                           , L0003994
                                          , L0003995
                L0003993
                                                       , L0003996
                                                                      , L0003997
              , L0003999
 L0003998
                           , L0004000
                L0004001
                           , L0004002
                                          . L0004003
                                                        , L0004004
                                                                      , L0004005
             , L0004007
                           , L0004008
 L0004006
                           , L0004010
                                          , L0004011
                                                        , L0004012
                L0004009
                                                                      , L0004013
 L0004014
              , L0004015
                                  *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475254.84
                              475274.84 475294.84
                                                         475314.84
                                                                     475334.84
  3755513.80 |
                    0.03489
                                 0.03547
                                              0.03593
                                                           0.03629
                                                                        0.03651
  3755493.80
                    0.03029
                                 0.03068
                                              0.03103
                                                           0.03129
                                                                        0.03146
↑ *** AERMOD - VERSION 21112
                                  *** 2036 OPERATIONS - TRUCK PM
                                   04/06/22
                                  ***
 *** AERMET - VERSION 16216 ***
                                 14:53:21
                                 PAGE 77
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0003988
                                                                      , L0003989
, L0003990
              , L0003991
                           , L0003992
                           , L0003994
                                          , L0003995
                                                      , L0003996
                L0003993
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                                                       , L0004004
                L0004001
                                          , L0004003
                                                                     , L0004005
, L0004006
              , L0004007
                           , L0004008
                            , L0004010
                                                       , L0004012
                L0004009
                                         , L0004011
                                                                      , L0004013
, L0004014
             , L0004015
                                  *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
    Y-COORD
                                                             X-COORD (METERS)
    (METERS)
                  475293.48
                            475313.48 475333.48
                                                        475353.48
                                                                     475373,48
```

3755332.63 0.01506 0.01508 0.01511 0.01517 0.01524 3755312.63 0.01409 0.01414 0.01420 0.01426 0.01434 3755292.63 0.01327 0.01333 0.01340 0.01346 0.01352 3755272.63 l 0.01257 0.01263 0.01269 0.01275 0.01279 3755252.63 | 0.01194 0.01200 0.01205 0.01209 0.01213 0.01149 3755232.63 0.01146 0.01152 0.01137 0.01142 3755212.63 0.01084 0.01088 0.01092 0.01095 0.01097 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 14:53:21 PAGE 78 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\* INCLUDING SOURCE(S): L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003994 , L0003996 L0003993 , L0003995 , L0003997 L0003998 , L0003999 , L0004000 , L0004002 L0004001 , L0004003 , L0004004 , L0004005 , L0004007 L0004006 , L0004008 L0004009 , L0004010 , L0004011 , L0004012 , L0004013 L0004014 , L0004015 \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD | X-COORD (METERS) (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04 0.09219 (11091107) 0.09570 (11091107) 0.09904 (11091107) 3755633.6 0.10264 (11091107) 0.10654 (11091107) 0.08046 (11091107) 0.08321 (11091107) 0.07775 (11091107) 0.08605 (11091107) 0.08902 (11091107) 0.07041 (16062006) 3755603.6 0.06893 (16062006) 0.07181 (16062006) 0.07579 (11091107) 0.07341 (11091107) 3755588.6 0.06310 (16062006) 0.06431 (16062006) 0.06547 (16062006)

0.06799 (16062006)

0.05921 (16062006)

0.06021 (16062006)

0.05819 (16062006)

0.06671 (16062006)

3755573.6

```
0.06128 (16062006)
                       0.06235 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                                14:53:21
                                PAGE 79
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                                                   , L0003989
                                INCLUDING SOURCE(S):
                                                       L0003988
, L0003990
             , L0003991
                          , L0003992
                          , L0003994
                                        , L0003995 , L0003996
                                                                   , L0003997
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 L0003998
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               L0004001
                                         , L0004003
                                                     , L0004004
                                                                   , L0004005
 L0004006
             , L0004007
                          , L0004008
                                        , L0004011
                L0004009
                          , L0004010
                                                     , L0004012
                                                                   , L0004013
 L0004014
             , L0004015
                                 *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                       IN MICROGRAMS/M**3
 Y-COORD |
                                                          X-COORD (METERS)
  (METERS)
                 474766.04
                                        474781.04
                                                               474796.04
                 0.11948 (11091107)
3755633.6
                0.09239 (11091107)
                                     0.09579 (11091107)
0.08096 (11091107)
                                                              0.09809 (11091107)
3755618.6
3755603.6
                 0.07838 (11091107)
                                                              0.08259 (11091107)
                 0.06937 (16062006)
                                       0.07064 (16062006)
                                                              0.07106 (16062006)
3755588.6
                 0.06346 (16062006)
                                      0.06447 (16062006)
                                                              0.06475 (16062006)
3755573.6
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                14:53:21
                                PAGE 80
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003988
                                                                   , L0003989
, L0003990
             , L0003991
                          , L0003992
                L0003993
                          , L0003994
                                        , L0003995 , L0003996 , L0003997
, L0003998
             , L0003999
                        , L0004000
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, L0004002 , L0004003 , L0004004 , L0004005
               L0004001
, L0004006
            , L0004007
                        , L0004008
                         , L0004010
               L0004009
                                      , L0004011 , L0004012 , L0004013
 L0004014
            , L0004015
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD
                                                       X-COORD (METERS)
  (METERS)
               474790.51
                                      474805.51
                                                           474820.51
     474835.51
                   474850.51
               0.08425 (11091107) 0.08583 (11091107) 0.08803 (11091107)
 3755606.1
                         0.09371 (11091107)
    0.09056 (11091107)
 3755591.1
                0.07210 (11091107)
                                     0.07724 (11091107)
                         0.07967 (11091107)
                                                         0.06682 (16062006)
 3755576.1
                0.06562 (16062006)
                                     0.06587 (16062006)
                         0.06918 (16062006)
    0.06785 (16062006)
 3755561.1
                0.06026 (16062006)
                                     0.06047 (16062006) 0.06130 (16062006)
                         0.06329 (16062006)
    0.06219 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                      ***
                               04/06/22
 *** AERMET - VERSION 16216 ***
                    ***
                              14:53:21
                              PAGE 81
 *** MODELOPTs:
                RegDFAULT CONC ELEV URBAN ADJ U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                              ***
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0003988
                                                              , L0003989
, L0003990
            , L0003991
                         , L0003992
                        , L0003994
                                      , L0003995 , L0003996 , L0003997
               L0003993
, L0003998
            , L0003999
                        , L0004000
                         , L0004002
                                     , L0004003
                                                 , L0004004
               L0004001
                                                              , L0004005
, L0004006
            , L0004007
                         , L0004008
                        , L0004010
                                    , L0004011 , L0004012 , L0004013
               L0004009
, L0004014
            , L0004015
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM_10 IN MICROGRAMS/M**3
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Y-COORD
                                                                      X-COORD (METERS)
  (METERS) | 474865.51 474880.51
                                                                           474895.51

      0.09714 (11091107)
      0.10079 (11091107)
      0.10481 (11091107)

      0.08221 (11091107)
      0.08488 (11091107)
      0.08751 (11091107)

      0.07086 (11091107)
      0.07291 (11091107)
      0.07478 (11091107)

      0.06438 (16062006)
      0.06547 (16062006)
      0.06650 (16062006)

 3755606.1
 3755591.1
 3755576.1
3755561.1
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                     04/06/22
 *** AERMET - VERSION 16216 *** ***
                          ***
                                     14:53:21
                                      PAGE 82
                     RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                                 *** THE
                                             1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                      ***
VALUES FOR SOURCE GROUP: ALL
                                      INCLUDING SOURCE(S): L0003988
                                                                                , L0003989
, L0003990
               , L0003991
                              , L0003992
                              , L0003994 , L0003995 , L0003996 , L0003997
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, L0003998
                , L0003999 , L0004000
                  L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006
              , L0004007      , L0004008
                               , L0004010 , L0004011 , L0004012 , L0004013
                  L0004009
, L0004014
               , L0004015
                                       *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                             ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD
                                                                      X-COORD (METERS)
  (METERS)
                 474800.90
                                               474815.90
3755623.3 | 0.10496 (11091107) 0.10821 (11091107)
3755608.3 | 0.08750 (11091107) 0.08959 (11091107)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                     04/06/22
 *** AERMET - VERSION 16216 ***
                                     ***
                                      14:53:21
                                      PAGE 83
 *** MODELOPTs:
                     RegDFAULT CONC ELEV URBAN ADJ_U*
                                  *** THE
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1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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***
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003988
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, L0003990
             , L0003991
                         , L0003992
                         , L0003994
                                        , L0003995
                                                                  , L0003997
               L0003993
                                                   , L0003996
             , L0003999
 L0003998
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               L0004001
                         , L0004002
                                        , L0004003
                                                   , L0004004
                                                                 , L0004005
             , L0004007
                         , L0004008
 L0004006
                         , L0004010
                                       , L0004011
               L0004009
                                                    , L0004012
                                                                 , L0004013
 L0004014
             , L0004015
                                *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                         X-COORD (METERS)
  (METERS)
                 474820.81
                                       474835.81
                3755622.5
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                04/06/22
 *** AERMET - VERSION 16216 ***
                               ***
                               14:53:21
                               PAGE 84
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                               INCLUDING SOURCE(S): L0003988
                                                                  , L0003989
, L0003990
                         , L0003992
             , L0003991
                         , L0003994
                                       , L0003995 , L0003996
               L0003993
                                                               , L0003997
             , L0003999
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 L0003998
                         , L0004002
                                      , L0004003
                                                   , L0004004
               L0004001
                                                                , L0004005
, L0004006
             , L0004007
                         , L0004008
                          , L0004010
                                      , L0004011     , L0004012
                                                                 , L0004013
               L0004009
, L0004014
             , L0004015
                                *** NETWORK ID: UCART5
                                                      ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                         X-COORD (METERS)
  (METERS)
                474838.93
                                       474853.93
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3755615.4 | 0.10204 (11091107) 0.10590 (11091107)
3755600.4 | 0.08576 (11091107) 0.08863 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                14:53:21
                                PAGE 85
                  RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                                INCLUDING SOURCE(S): L0003988
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                L0003993 , L0003994 , L0003995 , L0003996 , L0003997
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L0003998
                L0004001
                         , L0004002 , L0004003 , L0004004 , L0004005
            , L0004007
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, L0004006
                          , L0004010 , L0004011 , L0004012 , L0004013
                L0004009
. L0004014 , L0004015 , . . .
                                 *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS) | 474857.73
                                       474872.73
3755611.5 | 0.10164 (11091107) 0.10572 (11091107)
3755596.5 | 0.08566 (11091107) 0.08861 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
 *** AERMET - VERSION 16216 *** ***
                      ***
                                14:53:21
                                PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003988 , L0003989
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. L0003990
             , L0003991
                          , L0003994 , L0003995 , L0003996 , L0003997
                L0003993
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, L0003998 , L0003999 , L0004000
                                     , L0004003 , L0004004 , L0004005
              L0004001
                        , L0004002
 L0004006
            , L0004007
                       , L0004008
                       , L0004010
                                     , L0004011 , L0004012
              L0004009
                                                             . L0004013
, L0004014
            , L0004015
                              *** NETWORK ID: UCART7 : NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) | 475108.79
                                    475128.79
                                                         475148.79
     475168.79
                         475188.79
3755333.7 | 0.03152 (16062006) 0.03167 (16062006) 0.03184 (16062006)
    0.03206 (16062006)
                        0.03229 (16062006)
               0.02975 (16062006) 0.02989 (16062006) 0.03004 (16062006)
3755313.7
    3755293.7 l
               0.02817 (16062006)
                                    0.02830 (16062006) 0.02844 (16062006)
                        0.02876 (16062006)
    0.02859 (16062006)
               0.02676 (16062006)
                                    0.02687 (16062006) 0.02698 (16062006)
3755273.7
    0.02711 (16062006) 0.02726 (16062006)
3755253.7
               0.02546 (16062006)
                                   0.02556 (16062006)
                                                       0.02567 (16062006)
    0.02578 (16062006)
                        0.02590 (16062006)
3755233.7
               0.02427 (16062006)
                                    0.02437 (16062006) 0.02447 (16062006)
    0.02457 (16062006)
                      0.02467 (16062006)
3755213.7
               0.02317 (16062006) 0.02328 (16062006)
                                                       0.02338 (16062006)
                        0.02356 (16062006)
    0.02347 (16062006)
3755193.7
               0.02218 (16062006)
                                  0.02228 (16062006) 0.02237 (16062006)
    0.02246 (16062006)
                        0.02253 (16062006)
               0.02126 (16062006) 0.02135 (16062006) 0.02144 (16062006)
                        0.02158 (16062006)
    0.02151 (16062006)
                                   0.02049 (16062006) 0.02057 (16062006)
               0.02041 (16062006)
    0.02064 (16062006) 0.02069 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                             14:53:21
                             PAGE 87
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                             INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992
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, L0003994
                                                       , L0003996
                L0003993
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. L0003998
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                                           L0004003
                                                        , L0004004
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 L0004006
              . L0004007
                           , L0004008
                            , L0004010
                                          , L0004011
                L0004009
                                                        , L0004012
                                                                      , L0004013
              , L0004015
 L0004014
                                  *** NETWORK ID: UCART7
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                           IN MICROGRAMS/M**3
                  **
 Y-COORD
                                                             X-COORD (METERS)
                                                                  475248.79
  (METERS)
                  475208.79
                                          475228.79
     475268.79
                             475288.79
                 0.03252 (16062006)
                                         0.03272 (16062006)
                                                                 0.03296 (16062006)
3755333.7
    0.03321 (16062006)
                            0.03337 (16062006)
3755313.7
                 0.03062 (16062006)
                                         0.03079 (16062006)
                                                                 0.03096 (16062006)
    0.03114 (16062006)
                            0.03128 (16062006)
3755293.7
                 0.02892 (16062006)
                                         0.02907 (16062006)
                                                                 0.02920 (16062006)
    0.02934 (16062006)
                            0.02948 (16062006)
                 0.02740 (16062006)
                                         0.02753 (16062006)
                                                                 0.02765 (16062006)
3755273.7
    0.02778 (16062006)
                            0.02790 (16062006)
                 0.02603 (16062006)
                                         0.02615 (16062006)
                                                                 0.02627 (16062006)
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    0.02638 (16062006)
                            0.02649 (16062006)
                                                                 0.02501 (16062006)
3755233.7
                 0.02479 (16062006)
                                         0.02490 (16062006)
                            0.02521 (16062006)
    0.02511 (16062006)
3755213.7
                 0.02366 (16062006)
                                         0.02376 (16062006)
                                                                 0.02386 (16062006)
                            0.02403 (16062006)
    0.02395 (16062006)
3755193.7
                 0.02262 (16062006)
                                         0.02271 (16062006)
                                                                 0.02279 (16062006)
                            0.02294 (16062006)
    0.02287 (16062006)
3755173.7
                 0.02166 (16062006)
                                         0.02174 (16062006)
                                                                 0.02181 (16062006)
    0.02188 (16062006)
                            0.02194 (16062006)
3755153.7
                 0.02076 (16062006)
                                         0.02083 (16062006)
                                                                 0.02089 (16062006)
    0.02095 (16062006)
                            0.02101 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                        ***
                                  04/06/22
 *** AERMET - VERSION 16216 ***
                      ***
                                 14:53:21
                                 PAGE 88
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                         L0003988
                                                                      , L0003989
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, L0003991
, L0003990
                       , L0003992
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                                                  , L0004004
                                                                , L0004005
               L0004001
            , L0004007
 L0004006
                         , L0004008
               L0004009
                         , L0004010
                                       , L0004011 , L0004012
                                                                , L0004013
            , L0004015
, L0004014
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM_10 IN MICROGRAMS/M**3
 Y-COORD
                                                        X-COORD (METERS)
  (METERS) | 475151.63
                                       475171.63
                                                             475191.63
     475211.63
                          475231.63
                                     0.04024 (16062006) 0.04054 (16062006)
3755398.3
                0.03991 (16062006)
    0.04084 (16062006) 0.04120 (16062006)
                                    0.03733 (16062006) 0.03756 (16062006)
3755378.3
                0.03707 (16062006)
                          0.03817 (16062006)
    0.03783 (16062006)
                0.03457 (16062006)
                                      0.03480 (16062006) 0.03499 (16062006)
3755358.3
    0.03524 (16062006)
                          0.03554 (16062006)
3755338.3
                0.03234 (16062006)
                                      0.03256 (16062006) 0.03279 (16062006)
    0.03302 (16062006) 0.03324 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                              14:53:21
                               PAGE 89
                 RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0003988
                                                                , L0003989
, L0003990
            , L0003991
                         , L0003992
                         , L0003994
               L0003993
                                     , L0003995 , L0003996 , L0003997
            , L0003999
 L0003998
                         , L0004000
                         , L0004002
                                     , L0004003
                                                 , L0004004
                                                               , L0004005
               L0004001
, L0004006
            , L0004007
                         , L0004008
                         , L0004010     , L0004011     , L0004012
                                                                , L0004013
               L0004009
, L0004014
            , L0004015
                                *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
```

\*\*

```
Y-COORD |
                                                           X-COORD (METERS)
  (METERS) |
                                        475271.63
                                                               475291.63
                  475251.63
     475311.63
                    475331.63
3755398.3 | 0.04150 (16062006) 0.04174 (16062006) 0.04191 (16062006)
                           0.04221 (16062006)
    0.04207 (16062006)
                                      0.03872 (16062006) 0.03887 (16062006)
3755378.3
                0.03848 (16062006)
    0.03900 (16062006) 0.03910 (16062006)
                 0.03584 (16062006) 0.03608 (16062006) 0.03622 (16062006)
    0.03631 (16062006) 0.03640 (16062006)
                 0.03395 (16062006) 0.03402 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                                14:53:21
                                PAGE 90
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                                INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990
             , L0003991 , L0003992
                          , L0003994
                                        , L0003995 , L0003996 , L0003997
               L0003993
           , L0003998
               L0004001 , L0004002 , L0004003 , L0004004
                                                                  , L0004005
            , L0004007
                          , L0004008
 L0004006
               L0004009
                         , L0004010
                                      , L0004011 , L0004012 , L0004013
, L0004014
            , L0004015
                                 *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                           X-COORD (METERS)
  (METERS) |
                475351.63
                                       475371.63

      3755398.3 |
      0.04233 (16062006)
      0.04244 (16062006)

      3755378.3 |
      0.03919 (16062006)
      0.03930 (16062006)

      3755358.3 |
      0.03649 (16062006)
      0.03660 (16062006)
```

```
3755338.3 | 0.03412 (16062006) 0.03423 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                              ***
                              14:53:21
                              PAGE 91
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                                                                , L0003989
                              INCLUDING SOURCE(S):
                                                   L0003988
, L0003990
            , L0003991
                        , L0003992
                                      , L0003995 , L0003996 , L0003997
              L0003993 , L0003994
            , L0003999
                        , L0004000
 L0003998
                                      , L0004003 , L0004004 , L0004005
                         , L0004002
              L0004001
                        , L0004008
 L0004006
           , L0004007
                                   , L0004011 , L0004012 , L0004013
               L0004009 , L0004010
            , L0004015
 L0004014
                        , . . .
                               *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                       X-COORD (METERS)
  (METERS) |
                 475185.62
                                      475205.62
                                                            475225.62
     475245.62
                          475265.62
3755444.0 | 0.04879 (16062006) 0.04931 (16062006) 0.04982 (16062006)
    0.05029 (16062006)
                         0.05071 (16062006)
3755424.0
                                    0.04520 (16062006) 0.04559 (16062006)
                0.04477 (16062006)
                          0.04631 (16062006)
    0.04598 (16062006)
                                    0.04166 (16062006) 0.04202 (16062006)
                0.04135 (16062006)
    0.04236 (16062006) 0.04262 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              14:53:21
                              PAGE 92
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992
```

```
, L0003994
                                        , L0003995 , L0003996 , L0003997
                L0003993
, L0003998
             , L0003999
                          , L0004000
                          , L0004002
                L0004001
                                        , L0004003
                                                     , L0004004
                                                                  , L0004005
             , L0004007
                          , L0004008
 L0004006
                          , L0004010
                                        , L0004011
                L0004009
                                                     , L0004012
                                                                  , L0004013
             , L0004015
 L0004014
                                 *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                        IN MICROGRAMS/M**3
                 **
 Y-COORD |
                                                          X-COORD (METERS)
  (METERS)
                 475285.62
                                        475305.62
                                                               475325.62
     475345.62
                            475365.62
 3755444.0
                0.05158 (16062006)
    0.05175 (16062006)
                           0.05187 (16062006)
 3755424.0
                0.04658 (16062006)
                                       0.04680 (16062006)
                                                            0.04700 (16062006)
                           0.04727 (16062006)
    0.04715 (16062006)
 3755404.0
                0.04283 (16062006)
                                       0.04301 (16062006)
                                                         0.04316 (16062006)
                           0.04340 (16062006)
    0.04328 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
                     16216 ***
 *** AERMET - VERSION
                     ***
                                14:53:21
                                PAGE 93
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                ***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0003988
                                                                  , L0003989
, L0003990
             , L0003991
                          , L0003992
                          , L0003994
                                        , L0003995 , L0003996
                L0003993
                                                                  , L0003997
, L0003998
             , L0003999
                          , L0004000
                          , L0004002
                                        , L0004003
               L0004001
                                                    , L0004004
                                                                  , L0004005
, L0004006
             , L0004007
                          , L0004008
                                       , L0004011
                          , L0004010
               L0004009
                                                    , L0004012
                                                                  , L0004013
, L0004014
             , L0004015
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF PM\_10

IN MICROGRAMS/M\*\*3

\*\*

```
Y-COORD
                                                             X-COORD (METERS)
  (METERS) 475230.47 475250.47
                                                                  475270.47
     475290.47
                            475310.47
3755490.2 | 0.06382 (11091107) 0.06562 (11091107) 0.06726 (11091107)
    0.06873 (11091107) 0.07001 (11091107)
                                         0.05750 (16062006) 0.05806 (16062006)
3755470.2
                 0.05687 (16062006)
                            0.05894 (16062006)
    0.05854 (16062006)
3755450.2
                                         0.05191 (16062006) 0.05234 (16062006)
                 0.05141 (16062006)
    0.05270 (16062006) 0.05298 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                        ***
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                                 14:53:21
                                 PAGE 94
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0003988 , L0003989
             , L0003991 , L0003992
, L0003990
                                         , L0003995 , L0003996 , L0003997
                L0003993 , L0003994
, L0003998
             , L0003999 , L0004000
                L0004001 , L0004002 , L0004003 , L0004004
                                                                    , L0004005
, L0004006
             , L0004007
                           , L0004008
                           , L0004010
                                        , L0004011 , L0004012 , L0004013
                L0004009
, L0004014
            , L0004015
                                  *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                             X-COORD (METERS)
  (METERS)
              475330.47
                                475350.47

      3755490.2 |
      0.07107 (11091107)
      0.07192 (11091107)

      3755470.2 |
      0.05957 (11091107)
      0.06034 (11091107)

      3755450.2 |
      0.05322 (16062006)
      0.05339 (16062006)

★ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                               14:53:21
```

PAGE 95

PAGE 95 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , ,
*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
** CONC OF PM_10 IN MICROGRAMS/M**3
**
Y-COORD   X-COORD (METERS) (METERS)   475254.84 475274.84 475294.84
475314.84 475334.84
3755513.8   0.08360 (11091107) 0.08583 (11091107) 0.08774 (11091107)
0.08932 (11091107) 0.09052 (11091107) 3755493.8   0.06828 (11091107) 0.06996 (11091107) 0.07144 (11091107)
0.07272 (11091107) 0.07376 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2036 OPERATIONS - TRUCK PM  *** 04/06/22
*** AERMET - VERSION 16216 *** ***  *** 14:53:21
14:53:21
PAGE 96 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , ,
*** NETWORK ID: UCART14 ; NETWORK TYPE:

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD X-COORD (METERS) (METERS) | 475293.48 475313.48 475333.48 475373.48 475353.48 3755332.6 | 0.03327 (16062006) 0.03334 (16062006) 0.03341 (16062006) 0.03121 (16062006) 0.03130 (16062006) 0.03140 (16062006) 0.03151 (16062006) 0.03162 (16062006) 0.02942 (16062006) 0.02953 (16062006) 0.02964 (16062006) 3755292.6 0.02974 (16062006) 0.02982 (16062006) 0.02785 (16062006) 0.02796 (16062006) 0.02806 (16062006) 3755272.6 0.02815 (16062006) 0.02821 (16062006) 0.02645 (16062006) 0.02654 (16062006) 0.02663 (16062006) 3755252.6 0.02669 (16062006) 0.02675 (16062006) 0.02516 (16062006) 0.02525 (16062006) 0.02531 (16062006) 3755232.6 0.02537 (16062006) 0.02542 (16062006) 0.02399 (16062006) 0.02405 (16062006) 0.02411 (16062006) 3755212.6 0.02416 (16062006) 0.02420 (16062006) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 14:53:21 PAGE 97 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID ALL 1ST HIGHEST VALUE IS 0.04679 AT ( 474796.04, 3755633.62, 496.60, 789.90, 0.00) GC UCART1 2ND HIGHEST VALUE IS 0.04560 AT ( 474781.04, 3755633.62, 497.00,

700 00 0 00\ CC UCARTA				
789.90, 0.00) GC UCART1 3RD HIGHEST VALUE IS	0.04448 AT (	/7/835 <b>8</b> 1	3755622 54	191 80
789.90, 0.00) GC UCART4	0.04440 AT (	474055.01,	3733022.34,	454.00,
4TH HIGHEST VALUE IS	0.04427 AT (	474766.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1				
5TH HIGHEST VALUE IS	0.04331 AT (	474815.90,	3755623.35,	495.20,
789.90, 0.00) GC UCART3	0.04220.47./	474000 04	2755622 54	405.00
6TH HIGHEST VALUE IS 789.90, 0.00) GC UCART4	0.04330 AT (	4/4820.81,	3/55622.54,	495.00,
789.90, 0.00) GC OCART4  7TH HIGHEST VALUE IS	0.04302 AT (	474751 . 04 .	3755633.62.	497.00.
789.90, 0.00) GC UCART1	0101302 /// (	., ., 52.0.,	3,33033,02,	.57.009
8TH HIGHEST VALUE IS	0.04252 AT (	474853.93,	3755615.41,	493.60,
789.90, 0.00) GC UCART5				
9TH HIGHEST VALUE IS	0.04246 AT (	474872.73,	3755611.53,	493.50,
789.90, 0.00) GC UCART6	0 04220 AT (	474000 00	2755622 25	405.80
10TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3	0.04239 AT (	4/4800.90,	3/33023.33,	495.80,
783.30; 0.00) dc 0cAN13				
*** RECEPTOR TYPES: GC = GRIDCA	ART			
GP = GRIDPO	)LR			
DC = DISCCA	ART			
DP = DISCPO	)LR			
↑ *** AERMOD - VERSION 21112 ***	* *** 2036 OPERA	ATIONS - TRUC	CK PM	
***	04/06/22			
*** AERMET - VERSION 16216 ***	***			
***	14:53:21			
	PAGE 98			
*** MODELOPTs: RegDFAULT CON		*וו דת		
HODELOITS. REGULACET COM	IC LLLV ONDAN A	.D3_0		
	**	* THE SUMMAR	Y OF HIGHEST	「 1-HR
RESULTS ***				
	** CONC OF PM_	_10 IN MIC	ROGRAMS/M**3	3
**				
		DATE		
	NETWORK	DATE		
GROUP ID	AVERAGE CONC	(YYMMDDHH)		RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)		(111111001111)		KECEI TOK
	0.11948 C		AT ( 474796	5.04,
3755633.62, 496.60, 789.90,	0.00) GC UCAR	T1		

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2036 OPERATIONS - TRUCK PM

> \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

> \*\*\* 14:53:21

> > PAGE 99

\*\*\* 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 4 Warning Message(s) A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified ( 2.40 Percent)

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

\*\*\*\*\* WARNING MESSAGES

ME W186 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 917

0.50

ME W187 917 MEOPEN: ADJ U\* Option for Stable Low Winds used in AERMET

CHKDAT: Record Out of Sequence in Meteorological File at: MX W450 17521

14010101

CHKDAT: Record Out of Sequence in Meteorological File at: MX W450 17521

2 year gap

\*\*\*\*\*\*\*\*\*\*\*

\*\*\* AERMOD Finishes Successfully \*\*\* \*\*\*\*\*\*\*\*\*\*\*\*

```
**
**************
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 4/4/2022
** File: C:\Lakes\AERMOD View\MVMall-TR 2042\MVMall-TR 2042.ADI
************
**
**
************
** AERMOD Control Pathway
*************
**
CO STARTING
  TITLEONE 2042 Operations - Truck PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL MVMall-TR 2042.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 SR60 EB
** PREFIX
** Length of Side = 15.00
** Configuration = Adjacent
** Emission Rate = 0.00168
** Vertical Dimension = 5.44
** SZINIT = 2.53
** Nodes = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
** 475301.985, 3755606.087, 502.95, 2.72, 6.98
```

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ĸ						
	LOCATION	L0004394	VOLUME	473528.143	3755956.844	486.24
	LOCATION				3755953.817	
	LOCATION	L0004396	VOLUME	473557.526	3755950.791	487.18
	LOCATION	L0004397	VOLUME	473572.217	3755947.764	487.68
	LOCATION	L0004398	VOLUME	473586.909	3755944.738	488.22
	LOCATION	L0004399	VOLUME	473601.600	3755941.711	488.82
	LOCATION				3755938.685	
	LOCATION				3755935.658	
	LOCATION	L0004402	VOLUME	473645.675	3755932.632	490.60
	LOCATION				3755929.605	
	LOCATION	L0004404			3755926.579	
	LOCATION	L0004405			3755923.552	
	LOCATION		VOLUME		3755920.525	
	LOCATION	L0004407			3755917.499	
	LOCATION	L0004408	VOLUME	473733.824	3755914.472	493.49
	LOCATION	L0004409	VOLUME	473748.515	3755911.446	493.96
	LOCATION	L0004410	VOLUME	473763.207	3755908.419	494.44
	LOCATION	L0004411	VOLUME	473777.898	3755905.393	494.94
	LOCATION	L0004412	VOLUME	473792.590	3755902.366	495.42
	LOCATION	L0004413	VOLUME	473807.281	3755899.340	495.88
	LOCATION	L0004414	VOLUME	473821.973	3755896.313	496.27
	LOCATION	L0004415	VOLUME	473836.664	3755893.287	496.63
	LOCATION	L0004416	VOLUME	473851.356	3755890.260	496.82
	LOCATION	L0004417	VOLUME	473866.047	3755887.234	497.09
	LOCATION	L0004418	VOLUME	473880.739	3755884.207	497.45
	LOCATION	L0004419	VOLUME	473895.430	3755881.180	497.87
	LOCATION	L0004420	VOLUME	473910.122	3755878.154	498.36
	LOCATION		VOLUME		3755875.127	
	LOCATION	L0004422	VOLUME	473939.505	3755872.101	499.29
	LOCATION		VOLUME	473954.196	3755869.074	499.71
	LOCATION		VOLUME		3755866.048	
	LOCATION				3755863.021	
		L0004426			3755859.995	
	LOCATION				3755856.968	
	LOCATION		VOLUME		3755853.942	
	LOCATION		VOLUME		3755850.915	
	LOCATION		VOLUME		3755847.888	
	LOCATION		VOLUME		3755844.862	
	LOCATION		VOLUME		3755841.835	
	LOCATION		VOLUME		3755838.809	
	LOCATION		VOLUME		3755835.782	
	LOCATION		VOLUME		3755832.756	
	LOCATION		VOLUME		3755829.729	
	LOCATION		VOLUME		3755826.703	
	LOCATION		VOLUME		3755823.676	
	LOCATION		VOLUME		3755820.650	
	LOCATION		VOLUME		3755817.623	
	LOCATION	L0004441	VOLUME	474218.643	3755814.597	498.25

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LOCATION L0004442
                      VOLUME
                                474233.335 3755811.570 499.08
LOCATION L0004443
                                474248.026 3755808.543 500.43
                      VOLUME
LOCATION L0004444
                                474262.718 3755805.517 502.33
                      VOLUME
LOCATION L0004445
                      VOLUME
                                474277.409 3755802.490 502.93
LOCATION L0004446
                                474292.101 3755799.464 503.07
                      VOLUME
LOCATION L0004447
                      VOLUME
                                474306.792 3755796.437 503.04
                                474321.484 3755793.411 503.03
LOCATION L0004448
                      VOLUME
LOCATION L0004449
                                474336.175 3755790.384 503.02
                      VOLUME
LOCATION L0004450
                                474350.867 3755787.358 503.02
                      VOLUME
LOCATION L0004451
                                474365.558 3755784.331 503.01
                      VOLUME
LOCATION L0004452
                      VOLUME
                                474380.250 3755781.305 503.05
                                474394.941 3755778.278 503.11
LOCATION L0004453
                      VOLUME
LOCATION L0004454
                                474409.633 3755775.251 503.17
                      VOLUME
LOCATION L0004455
                      VOLUME
                                474424.324 3755772.225 503.24
                                474439.016 3755769.198 503.31
LOCATION L0004456
                      VOLUME
                                474453.707 3755766.172 503.32
LOCATION L0004457
                      VOLUME
LOCATION L0004458
                      VOLUME
                                474468.399 3755763.145 503.34
LOCATION L0004459
                                474483.090 3755760.119 503.36
                      VOLUME
                                474497.782 3755757.092 503.40
LOCATION L0004460
                      VOLUME
LOCATION L0004461
                                474512.473 3755754.066 503.45
                      VOLUME
LOCATION L0004462
                      VOLUME
                                474527.164 3755751.039 503.52
LOCATION L0004463
                      VOLUME
                                474541.856 3755748.013 503.61
LOCATION L0004464
                      VOLUME
                                474556.547 3755744.986 503.69
                                474571.239 3755741.960 503.75
LOCATION L0004465
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** PREFIX
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** Configuration = Adjacent
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End of I	THE VOLUME	Counce ID -	CLINES		

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* LINE VOLUME Source ID = SLINE1

\*\* Source Parameters \*\*

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	SRCPARAM	L0004611	0.000008276	2.72	6.98	2.53

SRCPARAM	L0004612	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004613	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004614	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004615	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004616	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004617	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004618	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004619	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004620	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004621	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004622	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004623	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004624	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004625	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004626	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004627	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004628	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004629	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004630	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004631	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004632	0.000008276	2.72	6.98	2.53
	L0004633	0.000008276	2.72	6.98	2.53
	L0004634	0.000008276	2.72	6.98	2.53
	L0004635	0.000008276	2.72	6.98	2.53
	L0004636	0.000008276	2.72	6.98	2.53
	L0004637	0.000008276	2.72	6.98	2.53
	L0004638	0.000008276	2.72	6.98	2.53
	L0004639	0.000008276	2.72	6.98	2.53
	L0004640	0.000008276	2.72	6.98	2.53
	L0004641	0.000008276	2.72	6.98	2.53
	L0004642	0.000008276	2.72	6.98	2.53
	L0004643	0.000008276	2.72	6.98	2.53
	L0004644	0.000008276	2.72	6.98	2.53
	L0004645	0.000008276	2.72	6.98	2.53
	L0004646	0.000008276	2.72	6.98	2.53
	L0004647	0.000008276	2.72	6.98	2.53
	L0004648	0.000008276	2.72	6.98	2.53
	L0004649	0.000008276	2.72	6.98	2.53
	L0004650	0.000008276	2.72	6.98	2.53
	L0004651	0.000008276	2.72	6.98	2.53
	L0004651	0.000008276	2.72	6.98	2.53
	L0004653		2.72		
	L0004654	0.000008276 0.000008276		6.98 6.98	2.53
	L0004655		2.72 2.72	6.98	2.53
		0.000008276			2.53
	L0004656	0.000008276	2.72	6.98	2.53
	L0004657	0.000008276	2.72	6.98	2.53
	L0004658	0.000008276	2.72	6.98	2.53
	L0004659	0.000008276	2.72	6.98	2.53
	L0004660	0.000008276	2.72	6.98	2.53
SKCPAKAM	L0004661	0.000008276	2.72	6.98	2.53

SRCPARAM	L0004662	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004663	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004664	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004665	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004666	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004667	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004668	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004669	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004670	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004671	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004672	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004673	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004674	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004675	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004676	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004677	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004678	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004679	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004680	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004681	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004682	0.000008276	2.72	6.98	2.53
	L0004683	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004684	0.000008276	2.72	6.98	2.53
	L0004685	0.000008276	2.72	6.98	2.53
	L0004686	0.000008276	2.72	6.98	2.53
	L0004687	0.000008276	2.72	6.98	2.53
	L0004688	0.000008276	2.72	6.98	2.53
	L0004689	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004690	0.000008276	2.72	6.98	2.53
	L0004691	0.000008276	2.72	6.98	2.53
	L0004692	0.000008276	2.72	6.98	2.53
	L0004693	0.000008276	2.72	6.98	2.53
	L0004694	0.000008276	2.72	6.98	2.53
	L0004695	0.000008276	2.72	6.98	2.53
	L0004696	0.000008276	2.72	6.98	2.53
	L0004697	0.000008276	2.72	6.98	2.53
	L0004698	0.000008276	2.72	6.98	2.53
	L0004699	0.000008276	2.72	6.98	2.53
	L0004700	0.000008276	2.72	6.98	2.53
	L0004701	0.000008276	2.72	6.98	2.53
	L0004702	0.000008276	2.72	6.98	2.53
	L0004703	0.000008276	2.72	6.98	2.53
	L0004704	0.000008276	2.72	6.98	2.53
	L0004705	0.000008276	2.72	6.98	2.53
	L0004706	0.000008276	2.72	6.98	2.53
	L0004707	0.000008276	2.72	6.98	2.53
	L0004708	0.000008276	2.72	6.98	2.53
	L0004709	0.000008276	2.72	6.98	2.53
	L0004703	0.000008276	2.72	6.98	2.53
	L0004711	0.000008276	2.72	6.98	2.53
JICI ANAIT	20001711	2.000000270	/-	3.30	,_

SRCPARAM	L0004712	0.000008276	2.72	6.98	2.53
	L0004713	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004714	0.000008276	2.72	6.98	2.53
	L0004715	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004716	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004717	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004718	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004719	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004720	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004721	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004722	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004723	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004724	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004725	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004726	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004727	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004728	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004729	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004730	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004731	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004732	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004733	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004734	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004735	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004736	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004737	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004738	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004739	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004740	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004741	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004742	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004743	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004744	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004745	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004746	0.000008276	2.72	6.98	2.53
	L0004747	0.000008276	2.72	6.98	2.53
	L0004748	0.000008276	2.72	6.98	2.53
	L0004749	0.000008276	2.72	6.98	2.53
	L0004750	0.000008276	2.72	6.98	2.53
	L0004751	0.000008276	2.72	6.98	2.53
	L0004752	0.000008276	2.72	6.98	2.53
	L0004753	0.000008276	2.72	6.98	2.53
	L0004754	0.000008276	2.72	6.98	2.53
	L0004755	0.000008276	2.72	6.98	2.53
	L0004756	0.000008276	2.72	6.98	2.53
	L0004757	0.000008276	2.72	6.98	2.53
	L0004758	0.000008276	2.72	6.98	2.53
	L0004759	0.000008276	2.72	6.98	2.53
	L0004760	0.000008276	2.72	6.98	2.53
	L0004761	0.000008276	2.72	6.98	2.53
JICI ANAIT	20001701	2.000000270	/-	3.30	,_

	SRCPARAM	L0004762	0.000008276	2.72	6.98	2.53		
	SRCPARAM	L0004763	0.000008276	2.72	6.98	2.53		
	SRCPARAM	L0004764	0.000008276	2.72	6.98	2.53		
	SRCPARAM	L0004765	0.000008276	2.72	6.98	2.53		
		L0004766	0.000008276	2.72	6.98	2.53		
		L0004767	0.000008276	2.72	6.98	2.53		
		L0004768	0.000008276	2.72	6.98	2.53		
		L0004769	0.000008276	2.72	6.98	2.53		
	SRCPARAM		0.000008276	2.72	6.98	2.53		
	SRCPARAM		0.000008276	2.72	6.98	2.53		
		L0004772	0.000008276	2.72	6.98	2.53		
		L0004773	0.000008276	2.72	6.98	2.53		
		L0004774	0.000008276	2.72	6.98	2.53		
		L0004775	0.000008276	2.72	6.98	2.53		
		L0004776	0.000008276	2.72	6.98	2.53		
		L0004777	0.000008276	2.72	6.98	2.53		
		L0004778	0.000008276	2.72	6.98	2.53		
		L0004778	0.000008276	2.72	6.98	2.53		
		L0004775	0.000008276	2.72	6.98	2.53		
		L0004781	0.000008276	2.72	6.98	2.53		
		L0004781	0.000008276	2.72	6.98	2.53		
	SRCPARAM		0.000008276	2.72	6.98	2.53		
		L0004783	0.000008276	2.72	6.98	2.53		
	SRCPARAM		0.000008276	2.72	6.98	2.53		
		L0004785		2.72	6.98	2.53		
		L0004786 L0004787	0.000008276					
			0.000008276	2.72 2.72	6.98	2.53		
		L0004788	0.000008276		6.98	2.53		
		L0004789	0.000008276	2.72	6.98	2.53		
		L0004790	0.000008276	2.72	6.98	2.53		
	SRCPARAM		0.000008276	2.72	6.98	2.53		
	SRCPARAM		0.000008276	2.72	6.98	2.53		
		L0004793	0.000008276	2.72	6.98	2.53		
		L0004794	0.000008276	2.72	6.98	2.53		
		L0004795	0.000008276	2.72	6.98	2.53		
		L0004796			6.98	2.53		
			0.000008276	2.72	6.98	2.53		
			0.000008276		6.98	2.53		
			0.000008276			2.53		
**								
	URBANSRC							
	SRCGROUP	ALL						
	FINISHED							
**	, , , , , , , , , , , , , , , , , , ,	اد ماد ماد ماد ماد ماد ماد ماد ماد ماد	<b></b>	· Ψ				
	******							
		eceptor Pathwa	•	· <b>少</b>				
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RE STARTING

INCLUDED MVMall-TR\_2042.rou

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RE FINISHED
************
** AERMOD Meteorology Pathway
************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\MVMall-TR 2042\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\MVMall-TR 2042\PERI V9 ADJU\
  PROFFILE PERI_V9_ADJU\PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD
View\MVMall-TR_2042\MVMALL-TR_2042.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\Lakes\AERMOD
View\MVMall-TR 2042\MVMALL-TR 2042.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\Lakes\AERMOD View\MVMall-TR_2042\MVMall-TR_2042.sum"
OU FINISHED
**
************
** Project Parameters
************
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM
          World Geodetic System 1984
** DTMRGN Global Definition
** UNITS
          m
** ZONE
          11
** ZONEINX 0
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** Lakes Environmental AERMOD MPI
************
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 4/4/2022
** FILE: C:\LAKES\AERMOD VIEW\MVMALL-TR 2042\MVMALL-TR 2042.ADI
*************
**
**
***********
** AERMOD CONTROL PATHWAY
************
**
CO STARTING
  TITLEONE 2042 OPERATIONS - TRUCK PM
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL MVMALL-TR 2042.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 SR60 EB
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00168
** VERTICAL DIMENSION = 5.44
** SZINIT = 2.53
** NODES = 5
** 473520.797, 3755958.357, 485.99, 2.72, 6.98
** 474738.505, 3755707.502, 504.13, 2.72, 6.98
** 475207.207, 3755613.920, 503.48, 2.72, 6.98
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\*\* 475301.985, 3755606.087, 502.95, 2.72, 6.98

\*\* 476529.628, 3755625.490, 502.55, 2.72, 6.98

473528.143 3755956.844 486.24 LOCATION L0004394 VOLUME LOCATION L0004395 VOLUME 473542.834 3755953.817 486.73 LOCATION L0004396 473557.526 3755950.791 487.18 VOLUME LOCATION L0004397 VOLUME 473572.217 3755947.764 487.68 473586.909 3755944.738 488.22 LOCATION L0004398 VOLUME LOCATION L0004399 **VOLUME** 473601.600 3755941.711 488.82 473616.292 3755938.685 489.44 LOCATION L0004400 VOLUME LOCATION L0004401 473630.983 3755935.658 490.04 VOLUME LOCATION L0004402 **VOLUME** 473645.675 3755932.632 490.60 473660.366 3755929.605 491.17 LOCATION L0004403 VOLUME LOCATION L0004404 VOLUME 473675.058 3755926.579 491.73 LOCATION L0004405 VOLUME 473689.749 3755923.552 492.19 LOCATION L0004406 473704.441 3755920.525 492.60 VOLUME LOCATION L0004407 VOLUME 473719.132 3755917.499 493.03 473733.824 3755914.472 493.49 LOCATION L0004408 **VOLUME** LOCATION L0004409 **VOLUME** 473748.515 3755911.446 493.96 473763.207 3755908.419 494.44 LOCATION L0004410 VOLUME LOCATION L0004411 473777.898 3755905.393 494.94 VOLUME LOCATION L0004412 VOLUME 473792.590 3755902.366 495.42 LOCATION L0004413 VOLUME 473807.281 3755899.340 495.88 473821.973 3755896.313 496.27 LOCATION L0004414 VOLUME 473836.664 3755893.287 496.63 LOCATION L0004415 VOLUME LOCATION L0004416 473851.356 3755890.260 496.82 VOLUME LOCATION L0004417 VOLUME 473866.047 3755887.234 497.09 LOCATION L0004418 473880.739 3755884.207 497.45 VOLUME LOCATION L0004419 VOLUME 473895.430 3755881.180 497.87 473910.122 3755878.154 498.36 LOCATION L0004420 VOLUME 473924.813 3755875.127 498.83 LOCATION L0004421 VOLUME LOCATION L0004422 VOLUME 473939.505 3755872.101 499.29 LOCATION L0004423 473954.196 3755869.074 499.71 **VOLUME** LOCATION L0004424 **VOLUME** 473968.888 3755866.048 500.11 473983.579 3755863.021 500.49 LOCATION L0004425 VOLUME 473998.271 3755859.995 500.71 LOCATION L0004426 **VOLUME** LOCATION L0004427 VOLUME 474012.962 3755856.968 500.99 474027.654 3755853.942 501.25 LOCATION L0004428 VOLUME LOCATION L0004429 474042.345 3755850.915 501.51 VOLUME 474057.037 3755847.888 501.75 LOCATION L0004430 VOLUME LOCATION L0004431 VOLUME 474071.728 3755844.862 501.95 LOCATION L0004432 **VOLUME** 474086.420 3755841.835 502.16 LOCATION L0004433 VOLUME 474101.111 3755838.809 502.33 LOCATION L0004434 VOLUME 474115.803 3755835.782 502.52 474130.494 3755832.756 502.69 LOCATION L0004435 VOLUME 474145.186 3755829.729 502.73 LOCATION L0004436 VOLUME 474159.877 3755826.703 502.69 LOCATION L0004437 VOLUME LOCATION L0004438 VOLUME 474174.569 3755823.676 502.48 LOCATION L0004439 VOLUME 474189.260 3755820.650 502.24 LOCATION L0004440 VOLUME 474203.952 3755817.623 499.85

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LOCATION L0004441
                      VOLUME
                               474218.643 3755814.597 498.25
                               474233.335 3755811.570 499.08
LOCATION L0004442
                      VOLUME
LOCATION L0004443
                               474248.026 3755808.543 500.43
                      VOLUME
LOCATION L0004444
                      VOLUME
                               474262.718 3755805.517 502.33
                               474277.409 3755802.490 502.93
LOCATION L0004445
                      VOLUME
LOCATION L0004446
                      VOLUME
                               474292.101 3755799.464 503.07
                               474306.792 3755796.437 503.04
LOCATION L0004447
                      VOLUME
LOCATION L0004448
                               474321.484 3755793.411 503.03
                      VOLUME
LOCATION L0004449
                               474336.175 3755790.384 503.02
                      VOLUME
LOCATION L0004450
                               474350.867 3755787.358 503.02
                      VOLUME
LOCATION L0004451
                      VOLUME
                               474365.558 3755784.331 503.01
LOCATION L0004452
                      VOLUME
                               474380.250 3755781.305 503.05
LOCATION L0004453
                               474394.941 3755778.278 503.11
                      VOLUME
LOCATION L0004454
                      VOLUME
                               474409.633 3755775.251 503.17
                               474424.324 3755772.225 503.24
LOCATION L0004455
                      VOLUME
                               474439.016 3755769.198 503.31
LOCATION L0004456
                      VOLUME
                               474453.707 3755766.172 503.32
LOCATION L0004457
                      VOLUME
LOCATION L0004458
                               474468.399 3755763.145 503.34
                      VOLUME
LOCATION L0004459
                      VOLUME
                               474483.090 3755760.119 503.36
LOCATION L0004460
                               474497.782 3755757.092 503.40
                      VOLUME
LOCATION L0004461
                      VOLUME
                               474512.473 3755754.066 503.45
LOCATION L0004462
                      VOLUME
                               474527.164 3755751.039 503.52
LOCATION L0004463
                      VOLUME
                               474541.856 3755748.013 503.61
                               474556.547 3755744.986 503.69
LOCATION L0004464
                      VOLUME
LOCATION L0004465
                               474571.239 3755741.960 503.75
                      VOLUME
LOCATION L0004466
                      VOLUME
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LOCATION L0004467
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** ______
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
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** DESCRSRC SR60 WB
** PREFIX
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** CONFIGURATION = ADJACENT
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LOCATION L0004725
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                                474592.615 3755759.261 504.29
LOCATION L0004726
                      VOLUME
LOCATION L0004727
                      VOLUME
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LOCATION L0004728
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LOCATION L0004729
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LOCATION L0004730
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LOCATION L0004731
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LOCATION L0004732
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LOCATION L0004734
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LOCATION L0004735
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LOCATION L0004737
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LOCATION L0004738
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LOCATION L0004739
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LOCATION L0004742
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LOCATION L0004745
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LOCATION L0004746
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LOCATION L0004747
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LOCATION L0004753
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LOCATION L0004755
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LOCATION L0004756
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                      VOLUME
                                474137.585 3755855.037 502.56
LOCATION L0004757
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LOCATION L0004758
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LOCATION L0004759
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LOCATION L0004760
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LOCATION L0004761
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LOCATION L0004763
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LOCATION L0004764
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LOCATION L0004767
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LOCATION L0004768
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LOCATION L0004769
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LOCATION L0004771
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   LOCATION L0004774
                         VOLUME
   LOCATION L0004775
                         VOLUME
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   LOCATION L0004777
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   LOCATION L0004778
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   LOCATION L0004782
                         VOLUME
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   LOCATION L0004783
                         VOLUME
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   LOCATION L0004784
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                         VOLUME
   LOCATION L0004785
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   LOCATION L0004787
                         VOLUME
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                         VOLUME
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                         VOLUME
   LOCATION L0004792
                         VOLUME
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   LOCATION L0004794
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   LOCATION L0004796
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   LOCATION L0004798
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** END OF LINE VOLUME SOURCE ID = SLINE2
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SRCPARAM L0004412

**	SOURCE PA	ARAMETERS **				
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	SRCPARAM	L0004402	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004403	0.000008276	2.72	6.98	2.53
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	SRCPARAM	L0004411	0.000008276	2.72	6.98	2.53

0.000008276

2.72

6.98

2.53

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	SRCPARAM	L0004593	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004594	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004595	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004596	0.000008276	2.72	6.98	2.53
*						
*		ME SOURCE ID	= SLINE2			
	SRCPARAM	L0004597	0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004601	0.000008276	2.72	6.98	2.53
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	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004610	0.000008276	2.72	6.98	2.53

SRCPARAM	L0004611	0.000008276	2.72	6.98	2.53
	L0004612	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004613	0.000008276	2.72	6.98	2.53
	L0004614	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004615	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004616	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004617	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004618	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004619	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004620	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004621	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004622	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004623	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004624	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004626	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004627	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004628	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004629	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004630	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004632	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004634	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004637	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004638	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004639	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004640	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004641	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004642	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004644	0.000008276	2.72	6.98	2.53
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	L0004649	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004650	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004651	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004652	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004653	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004655	0.000008276	2.72	6.98	2.53
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	L0004658	0.000008276	2.72	6.98	2.53
	L0004659	0.000008276	2.72	6.98	2.53
	L0004660	0.000008276	2.72	6.98	2.53
JICI ANAIT	_3001000	3.000000270	/-	3.30	,_

SRCPARAM	L0004661	0.000008276	2.72	6.98	2.53
	L0004662	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004663	0.000008276	2.72	6.98	2.53
	L0004664	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004665	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004666	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004667	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004668	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004669	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004670	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004671	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004672	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004673	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004674	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004675	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004676	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004677	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004678	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004679	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004680	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004682	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004683	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004684	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004685	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004686	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004688	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004689	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004691	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004692	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004693	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004694	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004695	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004696	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004697	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004698	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004699	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004700	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004701	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004702	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004703	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004704	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004705	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004706	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004707	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004708	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004709	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004710	0.000008276	2.72	6.98	2.53

SRCPARAM	L0004711	0.000008276	2.72	6.98	2.53
	L0004712	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004713	0.000008276	2.72	6.98	2.53
	L0004714	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004715	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004716	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004718	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004719	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004722	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004727	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004731	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004732	0.000008276	2.72	6.98	2.53
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SRCPARAM	L0004737	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004738	0.000008276	2.72	6.98	2.53
SRCPARAM	L0004739	0.000008276	2.72	6.98	2.53
	L0004740	0.000008276	2.72	6.98	2.53
	L0004741	0.000008276	2.72	6.98	2.53
	L0004742	0.000008276	2.72	6.98	2.53
	L0004743	0.000008276	2.72	6.98	2.53
	L0004744	0.000008276	2.72	6.98	2.53
	L0004745	0.000008276	2.72	6.98	2.53
	L0004746	0.000008276	2.72	6.98	2.53
	L0004747	0.000008276	2.72	6.98	2.53
	L0004748	0.000008276	2.72	6.98	2.53
	L0004749	0.000008276	2.72	6.98	2.53
	L0004750	0.000008276	2.72	6.98	2.53
	L0004751	0.000008276	2.72	6.98	2.53
	L0004752	0.000008276	2.72	6.98	2.53
	L0004753	0.000008276	2.72	6.98	2.53
	L0004754	0.000008276	2.72	6.98	2.53
	L0004755	0.000008276	2.72	6.98	2.53
	L0004756	0.000008276	2.72	6.98	2.53
	L0004757	0.000008276	2.72	6.98	2.53
	L0004757	0.000008276	2.72	6.98	2.53
	L0004758	0.000008276	2.72	6.98	2.53
	L0004759	0.000008276	2.72	6.98	2.53
JINCFARAM	L0004/00	0.000002/0	4.14	0.90	۷.55

	SRCPARAM	L0004761	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004762	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004763	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004764	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004765	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004766	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004767	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004768	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004769	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004770	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004771	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004772	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004773	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004774	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004775	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004776	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004777	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004778	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004779	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004780	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004781	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004782	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004783	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004784	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004785	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004786	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004787	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004788	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004789	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004790	0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004792	0.000008276	2.72	6.98	2.53
		L0004793	0.000008276	2.72	6.98	2.53
	SRCPARAM	L0004794	0.000008276	2.72	6.98	2.53
	SRCPARAM		0.000008276	2.72		2.53
			0.000008276		6.98	2.53
					6.98	2.53
					6.98	2.53
	SRCPARAM	L0004799	0.000008276	2.72	6.98	2.53
**						
	URBANSRC					
	SRCGROUP	ALL				
$\sim$	FINITCHES					

SO FINISHED

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\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*\*\*\*\*\*\*\*

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\*\*

**RE STARTING** 

```
INCLUDED MVMALL-TR 2042.ROU
RE FINISHED
**************
** AERMOD METEOROLOGY PATHWAY
***********
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR 2042\PERI V9 ADJU\
  SURFFILE PERI V9 ADJU\PERI V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\MVMALL-TR_2042\PERI_V9_ADJU\
  PROFFILE PERI_V9_ADJU\PERI_V9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
************
** AERMOD OUTPUT PATHWAY
***********
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
  PLOTFILE
           1 ALL 1ST "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2042\MVMALL-TR_2042.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "C:\LAKES\AERMOD
VIEW\MVMALL-TR_2042\MVMALL-TR_2042.AD\PE00GALL.PLT" 32
  SUMMFILE "C:\LAKES\AERMOD VIEW\MVMALL-TR_2042\MVMALL-TR_2042.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 ***
```

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WARNING MESSAGES

```
ME W186
            917
                     MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187
            917
                     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
***********
*** SETUP Finishes Successfully ***
***********
↑ *** AERMOD - VERSION 21112
                                  *** 2042 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                      ***
                                16:19:54
                                PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                                  MODEL SETUP OPTIONS SUMMARY
***
**Model Is Setup For Calculation of Average CONCentration Values.
  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses URBAN Dispersion Algorithm for the SBL for 406 Source(s),
  for Total of
                  1 Urban Area(s):
  Urban Population =
                       2189641.0 ; Urban Roughness Length = 1.000 m
**Model Uses Regulatory DEFAULT Options:

    Stack-tip Downwash.

        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.
**Other Options Specified:
        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 10

and Calculates PERIOD Averages \*\*This Run Includes: 406 Source(s); 1 Source Group(s); and 332 Receptor(s) 0 POINT(s), including with: 0 POINTCAP(s) and 0 POINTHOR(s) 406 VOLUME source(s) and: and: 0 AREA type source(s) 0 LINE source(s) and: and: 0 RLINE/RLINEXT source(s) and: 0 OPENPIT source(s) 0 BUOYANT LINE source(s) with a total of 0 line(s) and: \*\*Model Set To Continue RUNning After the Setup Testing. \*\*The AERMET Input Meteorological Data Version Date: 16216 \*\*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 Base Elev. for Pot. Temp. Profile (m MSL) = 442.00; Decay \*\*Misc. Inputs: Coef. = 0.000 ; Rot. Angle = Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 Output Units = MICROGRAMS/M\*\*3 \*\*Approximate Storage Requirements of Model = 3.7 MB of RAM. \*\*Input Runstream File: aermod.inp \*\*Output Print File: aermod.out

1-HR

\*\*Model Calculates 1 Short Term Average(s) of:

\*\*Detailed Error/Message File: MVMALL-TR 2042.ERR

\*\*File for Summary of Results: C:\LAKES\AERMOD

VIEW\MVMALL-TR\_2042\MVMALL-TR\_2042.SUM

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

PAGE 2

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

TALTT		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	ON RATE (GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE TD	CATS.	VAKY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CAIS.	BY	(METERS)	(METERS)	(METERS)	(HETEKS)	(HETEKS)
L0004394 2.53 YES	0	0.82760E-05	473528.1	3755956.8	486.2	2.72	6.98
L0004395	0	0.82760E-05	473542.8	3755953.8	486.7	2.72	6.98
2.53 YES	_						
L0004396 2.53 YES	0	0.82760E-05	473557.5	3755950.8	487.2	2.72	6.98
L0004397	0	0.82760E-05	473572.2	3755947.8	487.7	2.72	6.98
2.53 YES							
L0004398	0	0.82760E-05	473586.9	3755944.7	488.2	2.72	6.98
2.53 YES L0004399	0	0.82760E-05	473601.6	3755941.7	488.8	2.72	6.98
2.53 YES	•	0.000,000	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				3123
L0004400	0	0.82760E-05	473616.3	3755938.7	489.4	2.72	6.98
2.53 YES L0004401	0	0.82760E-05	173631 A	2755025 7	490.0	2.72	6.98
2.53 YES	U	0.82700L-03	4/3031.0	3/3333.7	490.0	2.72	0.98
L0004402	0	0.82760E-05	473645.7	3755932.6	490.6	2.72	6.98
2.53 YES	0	0.82760E-05	172660 1	2755020 6	491.2	2.72	6.98
L0004403 2.53 YES	Ø	0.82/00E-05	4/3000.4	3/33929.0	491.2	2.72	0.98
L0004404	0	0.82760E-05	473675.1	3755926.6	491.7	2.72	6.98
2.53 YES	•	0.007605.05	473600 7	2755022 6	400.0	2 72	
L0004405 2.53 YES	0	0.82760E-05	4/3689./	3/55923.6	492.2	2.72	6.98
L0004406	0	0.82760E-05	473704.4	3755920.5	492.6	2.72	6.98
2.53 YES							
L0004407	0	0.82760E-05	473719.1	3755917.5	493.0	2.72	6.98
2.53 YES							

L0004408	0	0.82760E-05	473733.8 3755914.5	493.5	2.72	6.98
2.53 YES						
L0004409	0	0.82760E-05	473748.5 3755911.4	494.0	2.72	6.98
2.53 YES L0004410 2.53 YES	0	0.82760E-05	473763.2 3755908.4	494.4	2.72	6.98
L0004411 2.53 YES	0	0.82760E-05	473777.9 3755905.4	494.9	2.72	6.98
L0004412 2.53 YES	0	0.82760E-05	473792.6 3755902.4	495.4	2.72	6.98
L0004413 2.53 YES	0	0.82760E-05	473807.3 3755899.3	495.9	2.72	6.98
L0004414 2.53 YES	0	0.82760E-05	473822.0 3755896.3	496.3	2.72	6.98
L0004415 2.53 YES	0	0.82760E-05	473836.7 3755893.3	496.6	2.72	6.98
L0004416 2.53 YES	0	0.82760E-05	473851.4 3755890.3	496.8	2.72	6.98
L0004417 2.53 YES	0	0.82760E-05	473866.0 3755887.2	497.1	2.72	6.98
L0004418 2.53 YES	0	0.82760E-05	473880.7 3755884.2	497.4	2.72	6.98
L0004419 2.53 YES	0	0.82760E-05	473895.4 3755881.2	497.9	2.72	6.98
L0004420 2.53 YES	0	0.82760E-05	473910.1 3755878.2	498.4	2.72	6.98
L0004421 2.53 YES	0	0.82760E-05	473924.8 3755875.1	498.8	2.72	6.98
L0004422 2.53 YES	0	0.82760E-05	473939.5 3755872.1	499.3	2.72	6.98
L0004423 2.53 YES	0	0.82760E-05	473954.2 3755869.1	499.7	2.72	6.98
L0004424 2.53 YES	0	0.82760E-05	473968.9 3755866.0	500.1	2.72	6.98
L0004425 2.53 YES	0	0.82760E-05	473983.6 3755863.0	500.5	2.72	6.98
L0004426 2.53 YES	0	0.82760E-05	473998.3 3755860.0	500.7	2.72	6.98
L0004427 2.53 YES	0	0.82760E-05	474013.0 3755857.0	501.0	2.72	6.98
L0004428 2.53 YES	0	0.82760E-05	474027.7 3755853.9	501.2	2.72	6.98
L0004429 2.53 YES	0	0.82760E-05	474042.3 3755850.9	501.5	2.72	6.98
L0004430 2.53 YES	0	0.82760E-05	474057.0 3755847.9	501.8	2.72	6.98
L0004431 2.53 YES	0	0.82760E-05	474071.7 3755844.9	501.9	2.72	6.98
L0004432 2.53 YES	0	0.82760E-05	474086.4 3755841.8	502.2	2.72	6.98

L0004433 0 0.82760E-05 474101.1 3755838.8 502.3 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE		ON RATE (GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE		•					
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			,	` ,	` ,	,	,
L0004434	0	0.82760E-05	474115.8	3755835.8	502.5	2.72	6.98
2.53 YES							
L0004435	0	0.82760E-05	474130.5	3755832.8	502.7	2.72	6.98
2.53 YES							
L0004436	0	0.82760E-05	474145.2	3755829.7	502.7	2.72	6.98
2.53 YES							
L0004437	0	0.82760E-05	474159.9	3755826.7	502.7	2.72	6.98
2.53 YES	0	0 027605 05	474174 6	2755022 7	F02 F	2 72	6.00
L0004438 2.53 YES	0	0.82760E-05	4/41/4.6	3/55823./	502.5	2.72	6.98
L0004439	0	0.82760E-05	/7/190 2	2755920 6	502.2	2.72	6.98
2.53 YES	Ð	0.82700L-03	4/4109.3	3733820.0	302.2	2.72	0.98
L0004440	0	0.82760E-05	474204.0	3755817.6	499.9	2.72	6.98
2.53 YES	•	0.001,001,00	.,	2,220=, 00			
L0004441	0	0.82760E-05	474218.6	3755814.6	498.2	2.72	6.98
2.53 YES							
L0004442	0	0.82760E-05	474233.3	3755811.6	499.1	2.72	6.98
2.53 YES							
L0004443	0	0.82760E-05	474248.0	3755808.5	500.4	2.72	6.98
2.53 YES	•	0 007605 05	474262 7	2755005 5	500.0	2 72	6.00
L0004444	0	0.82760E-05	4/4262./	3/55805.5	502.3	2.72	6.98
2.53 YES L0004445	0	0.82760E-05	171277 1	2755902 5	502.9	2.72	6.98
2.53 YES	Ø	0.82700E-03	4/42//.4	3/33602.3	302.9	2.72	0.96
L0004446	0	0.82760E-05	474292.1	3755799.5	503.1	2.72	6.98
2.53 YES	J	1.02.002 03				-• <i>-</i> •	2.20
L0004447	0	0.82760E-05	474306.8	3755796.4	503.0	2.72	6.98
2.53 YES							

L0004448	0	0.82760E-05	474321.5 3755793.4	503.0	2.72	6.98
2.53 YES						
L0004449	0	0.82760E-05	474336.2 3755790.4	503.0	2.72	6.98
2.53 YES L0004450 2.53 YES	0	0.82760E-05	474350.9 3755787.4	503.0	2.72	6.98
L0004451 2.53 YES	0	0.82760E-05	474365.6 3755784.3	503.0	2.72	6.98
L0004452 2.53 YES	0	0.82760E-05	474380.2 3755781.3	503.1	2.72	6.98
L0004453 2.53 YES	0	0.82760E-05	474394.9 3755778.3	503.1	2.72	6.98
L0004454 2.53 YES	0	0.82760E-05	474409.6 3755775.3	503.2	2.72	6.98
L0004455 2.53 YES	0	0.82760E-05	474424.3 3755772.2	503.2	2.72	6.98
L0004456 2.53 YES	0	0.82760E-05	474439.0 3755769.2	503.3	2.72	6.98
L0004457 2.53 YES	0	0.82760E-05	474453.7 3755766.2	503.3	2.72	6.98
L0004458 2.53 YES	0	0.82760E-05	474468.4 3755763.1	503.3	2.72	6.98
L0004459 2.53 YES	0	0.82760E-05	474483.1 3755760.1	503.4	2.72	6.98
L0004460 2.53 YES	0	0.82760E-05	474497.8 3755757.1	503.4	2.72	6.98
L0004461 2.53 YES	0	0.82760E-05	474512.5 3755754.1	503.4	2.72	6.98
L0004462 2.53 YES	0	0.82760E-05	474527.2 3755751.0	503.5	2.72	6.98
L0004463 2.53 YES	0	0.82760E-05	474541.9 3755748.0	503.6	2.72	6.98
L0004464 2.53 YES	0	0.82760E-05	474556.5 3755745.0	503.7	2.72	6.98
L0004465 2.53 YES	0	0.82760E-05	474571.2 3755742.0	503.8	2.72	6.98
L0004466 2.53 YES	0	0.82760E-05	474585.9 3755738.9	503.8	2.72	6.98
L0004467 2.53 YES	0	0.82760E-05	474600.6 3755735.9	503.8	2.72	6.98
L0004468 2.53 YES	0	0.82760E-05	474615.3 3755732.9	503.8	2.72	6.98
L0004469 2.53 YES	0	0.82760E-05	474630.0 3755729.9	503.9	2.72	6.98
L0004470 2.53 YES	0	0.82760E-05	474644.7 3755726.8	504.1	2.72	6.98
L0004471	0	0.82760E-05	474659.4 3755723.8	504.3	2.72	6.98
2.53 YES L0004472 2.53 YES	0	0.82760E-05	474674.1 3755720.8	504.5	2.72	6.98

L0004473 0 0.82760E-05 474688.8 3755717.7 504.6 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN	NUMBER EMISSION	RATE		BASE	RELEASE	INIT.
	PART. (GRAMS/S	SEC) X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS. BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004474 2.53 YES	0 0.82760E-	05 474703.5	3755714.7	504.6	2.72	6.98
L0004475 2.53 YES	0 0.82760E-	05 474718.2	3755711.7	504.6	2.72	6.98
L0004476 2.53 YES	0 0.82760E-	05 474732.8	3755708.7	504.5	2.72	6.98
L0004477	0 0.82760E-	05 474747.5	3755705.7	504.4	2.72	6.98
2.53 YES L0004478	0 0.82760E-	05 474762.3	3755702.8	504.4	2.72	6.98
2.53 YES L0004479	0 0.82760E-	05 474777.0	3755699.8	504.4	2.72	6.98
2.53 YES L0004480	0 0.82760E-	05 474791.7	3755696.9	504.5	2.72	6.98
2.53 YES L0004481	0 0.82760E-	05 474806.4	3755693.9	504.7	2.72	6.98
2.53 YES L0004482	0 0.82760E-	05 474821.1	3755691.0	504.8	2.72	6.98
2.53 YES L0004483	0 0.82760E-	05 474835.8	3755688.1	504.9	2.72	6.98
2.53 YES L0004484	0 0.82760E-	05 474850.5	3755685.1	505.0	2.72	6.98
2.53 YES L0004485	0 0.82760E-	05 474865.2	3755682.2	505.0	2.72	6.98
2.53 YES L0004486	0 0.82760E-	05 474879.9	3755679.3	505.1	2.72	6.98
2.53 YES L0004487 2.53 YES	0 0.82760E-	05 474894.6	3755676.3	505.0	2.72	6.98

L0004488	0	0.82760E-05	474909.4 3755673.4	505.0	2.72	6.98
2.53 YES						
L0004489 2.53 YES	0	0.82760E-05	474924.1 3755670.5	505.0	2.72	6.98
L0004490 2.53 YES	0	0.82760E-05	474938.8 3755667.5	505.0	2.72	6.98
L0004491 2.53 YES	0	0.82760E-05	474953.5 3755664.6	505.0	2.72	6.98
L0004492 2.53 YES	0	0.82760E-05	474968.2 3755661.6	505.1	2.72	6.98
L0004493 2.53 YES	0	0.82760E-05	474982.9 3755658.7	505.1	2.72	6.98
L0004494 2.53 YES	0	0.82760E-05	474997.6 3755655.8	505.1	2.72	6.98
L0004495 2.53 YES	0	0.82760E-05	475012.3 3755652.8	505.0	2.72	6.98
L0004496 2.53 YES	0	0.82760E-05	475027.0 3755649.9	505.0	2.72	6.98
L0004497 2.53 YES	0	0.82760E-05	475041.7 3755647.0	504.9	2.72	6.98
L0004498 2.53 YES	0	0.82760E-05	475056.5 3755644.0	504.8	2.72	6.98
L0004499 2.53 YES	0	0.82760E-05	475071.2 3755641.1	504.6	2.72	6.98
L0004500 2.53 YES	0	0.82760E-05	475085.9 3755638.1	504.5	2.72	6.98
L0004501 2.53 YES	0	0.82760E-05	475100.6 3755635.2	504.4	2.72	6.98
L0004502 2.53 YES	0	0.82760E-05	475115.3 3755632.3	504.4	2.72	6.98
L0004503 2.53 YES	0	0.82760E-05	475130.0 3755629.3	504.3	2.72	6.98
L0004504 2.53 YES	0	0.82760E-05	475144.7 3755626.4	504.3	2.72	6.98
L0004505 2.53 YES	0	0.82760E-05	475159.4 3755623.5	504.2	2.72	6.98
L0004506 2.53 YES	0	0.82760E-05	475174.1 3755620.5	504.0	2.72	6.98
L0004507 2.53 YES	0	0.82760E-05	475188.8 3755617.6	503.9	2.72	6.98
L0004508 2.53 YES	0	0.82760E-05	475203.5 3755614.7	503.7	2.72	6.98
L0004509 2.53 YES	0	0.82760E-05	475218.4 3755613.0	503.6	2.72	6.98
L0004510 2.53 YES	0	0.82760E-05	475233.4 3755611.8	503.4	2.72	6.98
L0004511 2.53 YES	0	0.82760E-05	475248.3 3755610.5	503.2	2.72	6.98
L0004512 2.53 YES	0	0.82760E-05	475263.3 3755609.3	503.1	2.72	6.98

L0004513 0 0.82760E-05 475278.2 3755608.0 503.0 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004514 2.53 YES	0	0.82760E-05	475293.2	3755606.8	502.9	2.72	6.98
L0004515	0	0.82760E-05	475308.2	3755606.2	502.9	2.72	6.98
2.53 YES L0004516	0	0.82760E-05	475323.1	3755606.4	502.8	2.72	6.98
2.53 YES L0004517	0	0.82760E-05	475338.1	3755606.7	502.8	2.72	6.98
2.53 YES L0004518	0	0.82760E-05	475353.1	3755606.9	502.8	2.72	6.98
2.53 YES L0004519	0	0.82760E-05	475368.1	3755607.1	502.8	2.72	6.98
2.53 YES L0004520	0	0.82760E-05	475383.1	3755607.4	502.9	2.72	6.98
2.53 YES L0004521	0	0.82760E-05	475398.1	3755607.6	502.9	2.72	6.98
2.53 YES L0004522	0	0.82760E-05	475413.1	3755607.8	503.0	2.72	6.98
2.53 YES L0004523	0	0.82760E-05	475428.1	3755608.1	503.1	2.72	6.98
2.53 YES L0004524	0	0.82760E-05	475443.1	3755608.3	503.2	2.72	6.98
2.53 YES L0004525	0	0.82760E-05	475458.1	3755608.6	503.3	2.72	6.98
2.53 YES L0004526	0	0.82760E-05	475473.1	3755608.8	503.5	2.72	6.98
2.53 YES L0004527 2.53 YES	0	0.82760E-05	475488.1	3755609.0	503.7	2.72	6.98

L0004528	0	0.82760E-05	475503.1 3755609.3	503.9	2.72	6.98
2.53 YES						
L0004529	0	0.82760E-05	475518.1 3755609.5	504.2	2.72	6.98
2.53 YES						
L0004530	0	0.82760E-05	475533.1 3755609.7	504.4	2.72	6.98
2.53 YES						
L0004531	0	0.82760E-05	475548.1 3755610.0	504.7	2.72	6.98
2.53 YES						
L0004532	0	0.82760E-05	475563.1 3755610.2	504.9	2.72	6.98
2.53 YES						
L0004533	0	0.82760E-05	475578.1 3755610.5	505.1	2.72	6.98
2.53 YES						
L0004534	0	0.82760E-05	475593.1 3755610.7	505.4	2.72	6.98
2.53 YES						
L0004535	0	0.82760E-05	475608.1 3755610.9	505.6	2.72	6.98
2.53 YES						
L0004536	0	0.82760E-05	475623.1 3755611.2	505.9	2.72	6.98
2.53 YES						
L0004537	0	0.82760E-05	475638.1 3755611.4	506.1	2.72	6.98
2.53 YES						
L0004538	0	0.82760E-05	475653.1 3755611.6	506.4	2.72	6.98
2.53 YES	Ū	0.027002 03	1,3033.1 3,33011.0	300.1	2.,2	0.30
L0004539	0	0.82760E-05	475668.1 3755611.9	506.6	2.72	6.98
2.53 YES	O	0.02700L 03	473000:1 3733011:3	300.0	2.72	0.50
L0004540	0	0.82760E-05	475683.1 3755612.1	506.8	2.72	6.98
2.53 YES	Ð	0.82700L-03	4/3083.1 3/33012.1	300.0	2.72	0.98
L0004541	0	0.82760E-05	475698.1 3755612.3	506.9	2.72	6.98
	0	0.02/006-03	4/3096.1 3/33012.3	300.9	2.72	0.90
2.53 YES	0	0 027605 05	475712 1 2755612 6	F07 1	2 72	c 00
L0004542	0	0.82760E-05	475713.1 3755612.6	507.1	2.72	6.98
2.53 YES	0	0 027605 05	475720 4 2755642 0	F07 3	2 72	6 00
L0004543	0	0.82760E-05	475728.1 3755612.8	507.3	2.72	6.98
2.53 YES	•					
L0004544	0	0.82760E-05	475743.1 3755613.1	507.4	2.72	6.98
2.53 YES	_					
L0004545	0	0.82760E-05	475758.1 3755613.3	507.5	2.72	6.98
2.53 YES						
L0004546	0	0.82760E-05	475773.1 3755613.5	507.6	2.72	6.98
2.53 YES						
L0004547	0	0.82760E-05	475788.1 3755613.8	507.4	2.72	6.98
2.53 YES						
L0004548	0	0.82760E-05	475803.1 3755614.0	507.1	2.72	6.98
2.53 YES						
L0004549	0	0.82760E-05	475818.1 3755614.2	505.0	2.72	6.98
2.53 YES						
L0004550	0	0.82760E-05	475833.1 3755614.5	502.8	2.72	6.98
2.53 YES						
L0004551	0	0.82760E-05	475848.1 3755614.7	503.9	2.72	6.98
2.53 YES						
L0004552	0	0.82760E-05	475863.1 3755615.0	505.2	2.72	6.98
2.53 YES						

L0004553 0 0.82760E-05 475878.1 3755615.2 506.9 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004554 2.53 YES	0	0.82760E-05	475893.1	3755615.4	507.4	2.72	6.98
L0004555	0	0.82760E-05	475908.1	3755615.7	507.3	2.72	6.98
2.53 YES L0004556 2.53 YES	0	0.82760E-05	475923.1	3755615.9	507.2	2.72	6.98
L0004557 2.53 YES	0	0.82760E-05	475938.1	3755616.1	507.1	2.72	6.98
L0004558	0	0.82760E-05	475953.1	3755616.4	506.9	2.72	6.98
2.53 YES L0004559	0	0.82760E-05	475968.1	3755616.6	506.7	2.72	6.98
2.53 YES L0004560 2.53 YES	0	0.82760E-05	475983.1	3755616.9	506.4	2.72	6.98
L0004561 2.53 YES	0	0.82760E-05	475998.1	3755617.1	506.2	2.72	6.98
L0004562 2.53 YES	0	0.82760E-05	476013.1	3755617.3	505.9	2.72	6.98
L0004563 2.53 YES	0	0.82760E-05	476028.1	3755617.6	505.6	2.72	6.98
L0004564 2.53 YES	0	0.82760E-05	476043.1	3755617.8	505.4	2.72	6.98
L0004565 2.53 YES	0	0.82760E-05	476058.1	3755618.0	505.1	2.72	6.98
L0004566 2.53 YES	0	0.82760E-05	476073.1	3755618.3	504.8	2.72	6.98
L0004567 2.53 YES	0	0.82760E-05	476088.1	3755618.5	504.5	2.72	6.98

L0004568	0	0.82760E-05	476103.1 3755618.7	504.3	2.72	6.98
2.53 YES						
L0004569	0	0.82760E-05	476118.1 3755619.0	504.0	2.72	6.98
2.53 YES						
L0004570	0	0.82760E-05	476133.0 3755619.2	503.7	2.72	6.98
2.53 YES						
L0004571	0	0.82760E-05	476148.0 3755619.5	503.4	2.72	6.98
2.53 YES						
L0004572	0	0.82760E-05	476163.0 3755619.7	503.1	2.72	6.98
2.53 YES						
L0004573	0	0.82760E-05	476178.0 3755619.9	502.9	2.72	6.98
2.53 YES						
L0004574	0	0.82760E-05	476193.0 3755620.2	502.6	2.72	6.98
2.53 YES						
L0004575	0	0.82760E-05	476208.0 3755620.4	502.4	2.72	6.98
2.53 YES		0.000.000	., 0_00.00			
L0004576	0	0 82760F-05	476223.0 3755620.6	502.2	2.72	6.98
2.53 YES	O	0.027002 03	+70223.0 3733020.0	302.2	2.,2	0.50
L0004577	0	0 82760F-05	476238.0 3755620.9	502.1	2.72	6.98
2.53 YES	O	0.027002 03	+70230.0 3733020.3	302.1	2.,2	0.50
L0004578	0	0 82760F_05	476253.0 3755621.1	502.0	2.72	6.98
2.53 YES	U	0.02/00L-03	4/0255.0 5/55021.1	302.0	2.72	0.56
L0004579	0	0 82760E_05	476268.0 3755621.4	501.9	2.72	6.98
2.53 YES	U	0.82700L-03	4/0208.0 3/33021.4	301.9	2.72	0.98
L0004580	0	0 027605 05	476283.0 3755621.6	501.9	2.72	6.98
	Ø	0.02/002-03	4/0283.0 3/33021.0	301.9	2.72	0.96
2.53 YES	0	0 027605 05	476200 0 2755621 0	F01 0	2 72	c 00
L0004581	0	0.82/606-05	476298.0 3755621.8	501.8	2.72	6.98
2.53 YES	0	0 027605 05	476242 0 2755622 4	F01 0	2 72	c 00
L0004582	0	0.82760E-05	476313.0 3755622.1	501.9	2.72	6.98
2.53 YES	0	0 027605 05	476330 0 3755633 3	F01 0	2 72	c 00
L0004583	0	0.82760E-05	476328.0 3755622.3	501.9	2.72	6.98
2.53 YES	0	0 007605 05	476242 0 2755622 5	F02 0	2 72	6.00
L0004584	0	0.82/60E-05	476343.0 3755622.5	502.0	2.72	6.98
2.53 YES	0	0 007605 05	476350 0 3755633 0	F02 0	2 72	6.00
L0004585	0	0.82/60E-05	476358.0 3755622.8	502.0	2.72	6.98
2.53 YES	•	0 007605 05	476373 0 3755633 0	F00 4	2 72	
L0004586	0	0.82/60E-05	476373.0 3755623.0	502.1	2.72	6.98
2.53 YES	•	0 007605 05	476300 0 3755633 3	F00 4	2 72	
L0004587	0	0.82/60E-05	476388.0 3755623.3	502.1	2.72	6.98
2.53 YES	•	0 007605 05	476402 0 2755622 5	F00 4	2 72	
L0004588	0	0.82/60E-05	476403.0 3755623.5	502.1	2.72	6.98
2.53 YES	_					
L0004589	0	0.82/60E-05	476418.0 3755623.7	502.1	2.72	6.98
2.53 YES	_	0 007557 57	476422 0 277762	F00 1	2 72	
L0004590	0	0.82/60E-05	476433.0 3755624.0	502.1	2.72	6.98
2.53 YES	_					
L0004591	0	0.82760E-05	476448.0 3755624.2	502.1	2.72	6.98
2.53 YES	_					
L0004592	0	0.82760E-05	476463.0 3755624.4	502.1	2.72	6.98
2.53 YES						

L0004593 0 0.82760E-05 476478.0 3755624.7 502.2 2.72 6.98

2.53 YES

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		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE		ON RATE (GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE	SCALAR	VARY					
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004594	0	0.82760E-05	476493.0	3755624.9	502.2	2.72	6.98
2.53 YES							
L0004595	0	0.82760E-05	476508.0	3755625.1	502.2	2.72	6.98
2.53 YES							
L0004596	0	0.82760E-05	476523.0	3755625.4	502.3	2.72	6.98
2.53 YES							
L0004597	0	0.82760E-05	476514.3	3755644.4	502.5	2.72	6.98
2.53 YES	•	0 027605 05	476400 3	2755644 4	E02 4	2 72	6.00
L0004598 2.53 YES	0	0.82760E-05	4/6499.3	3/55644.1	502.4	2.72	6.98
L0004599	0	0.82760E-05	176191 2	2755642 0	502.4	2.72	6.98
2.53 YES	О	0.82/00E-05	4/0484.3	3/33043.8	502.4	2.72	0.98
L0004600	0	0.82760E-05	476469 3	3755643 5	502.4	2.72	6.98
2.53 YES	J	0.027001 03	470403.3	J, JJ0-1J. J	302.4	2.72	0.30
L0004601	0	0.82760E-05	476454.3	3755643.2	502.3	2.72	6.98
2.53 YES							
L0004602	0	0.82760E-05	476439.3	3755642.9	502.3	2.72	6.98
2.53 YES							
L0004603	0	0.82760E-05	476424.3	3755642.6	502.3	2.72	6.98
2.53 YES							
L0004604	0	0.82760E-05	476409.3	3755642.3	502.4	2.72	6.98
2.53 YES	•	0 007605 05	476204 2	2755642-4	F00 4	2 72	
L0004605	0	0.82760E-05	4/6394.3	3/55642.1	502.4	2.72	6.98
2.53 YES L0004606	0	0.82760E-05	476270 2	2755641 0	502.4	2.72	6.98
2.53 YES	Ø	0.02/00E-05	4/03/9.3	3/33041.8	302.4	2.12	0.98
L0004607	0	0.82760E-05	476364 3	3755641 5	502.4	2.72	6.98
2.53 YES	U	0.02/00L-03	7,0504.5	J/JJU41.J	302.4	2.12	0.70
2.55							

L0004608	0	0.82760E-05	476349.3 3755641.2	502.4	2.72	6.98
2.53 YES	0	0 027605 05	476224 2 27FF640 0	F02 2	2.72	6.98
L0004609 2.53 YES	Ø	0.82760E-05	476334.3 3755640.9	502.2	2.72	0.90
L0004610	0	0.82760E-05	476319.3 3755640.6	502.1	2.72	6.98
2.53 YES	Ū	0.027002 03	170313.3 3733010.0	302.1	2.,2	0.30
L0004611	0	0.82760E-05	476304.3 3755640.3	502.0	2.72	6.98
2.53 YES						
L0004612	0	0.82760E-05	476289.3 3755640.0	502.0	2.72	6.98
2.53 YES						
L0004613	0	0.82760E-05	476274.3 3755639.7	502.0	2.72	6.98
2.53 YES	0	0 027605 05	476250 2 2755620 4	F02 1	2 72	c 00
L0004614	0	0.82760E-05	476259.3 3755639.4	502.1	2.72	6.98
2.53 YES L0004615	0	0.82760E-05	476244.3 3755639.1	502.1	2.72	6.98
2.53 YES	U	0.827001-03	4/0244.5 5/55055.1	302.1	2.72	0.98
L0004616	0	0.82760E-05	476229.3 3755638.8	502.2	2.72	6.98
2.53 YES	Ū	0.02,002 03	1,022515 5,5505010	30212	_,,_	0.50
L0004617	0	0.82760E-05	476214.3 3755638.5	502.4	2.72	6.98
2.53 YES						
L0004618	0	0.82760E-05	476199.3 3755638.3	502.5	2.72	6.98
2.53 YES						
L0004619	0	0.82760E-05	476184.3 3755638.0	502.7	2.72	6.98
2.53 YES						
L0004620	0	0.82760E-05	476169.4 3755637.7	502.9	2.72	6.98
2.53 YES	0	0 007605 05	476454 4 2755627 4	502.2	2 72	
L0004621	0	0.82760E-05	476154.4 3755637.4	503.2	2.72	6.98
2.53 YES L0004622	0	0.82760E-05	476139.4 3755637.1	503.4	2.72	6.98
2.53 YES	Ø	0.82700E-03	4/0139.4 3/3303/.1	363.4	2.72	0.36
L0004623	0	0.82760E-05	476124.4 3755636.8	503.7	2.72	6.98
2.53 YES	Ū	0.02,002 03	1,012111 3,3303010	30317	_,,_	0.50
L0004624	0	0.82760E-05	476109.4 3755636.5	504.0	2.72	6.98
2.53 YES						
L0004625	0	0.82760E-05	476094.4 3755636.2	504.2	2.72	6.98
2.53 YES						
L0004626	0	0.82760E-05	476079.4 3755635.9	504.5	2.72	6.98
2.53 YES	_					
L0004627	0	0.82760E-05	476064.4 3755635.6	504.8	2.72	6.98
2.53 YES	0	0 027605 05	476040 4 2755625 2	F0F 2	2 72	c 00
L0004628 2.53 YES	0	0.82/60E-05	476049.4 3755635.3	505.2	2.72	6.98
L0004629	0	0 82760F-05	476034.4 3755635.0	505.5	2.72	6.98
2.53 YES	O	0.02/001-03	470054.4 575555.0	303.3	2.72	0.50
L0004630	0	0.82760E-05	476019.4 3755634.8	505.8	2.72	6.98
2.53 YES						
L0004631	0	0.82760E-05	476004.4 3755634.5	506.1	2.72	6.98
2.53 YES						
L0004632	0	0.82760E-05	475989.4 3755634.2	506.4	2.72	6.98
2.53 YES						

L0004633 0 0.82760E-05 475974.4 3755633.9 506.6 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE		ON RATE (GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE	SCALAR	VARY					
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0004634	0	0.82760E-05	475959.4	3755633.6	506.9	2.72	6.98
2.53 YES							
L0004635	0	0.82760E-05	475944.4	3755633.3	506.9	2.72	6.98
2.53 YES							
L0004636	0	0.82760E-05	475929.4	3755633.0	506.9	2.72	6.98
2.53 YES							
L0004637	0	0.82760E-05	475914.4	3755632.7	506.7	2.72	6.98
2.53 YES	_						
L0004638	0	0.82760E-05	4/5899.4	3/55632.4	506.7	2.72	6.98
2.53 YES	0	0 027605 05	475004 4	2755622 4	F06 6	2 72	6.00
L0004639 2.53 YES	0	0.82760E-05	4/5884.4	3/55632.1	506.6	2.72	6.98
L0004640	0	0.82760E-05	175960 1	2755621 0	505.2	2.72	6.98
2.53 YES	Ø	0.82700E-03	4/3809.4	3/33031.6	303.2	2.72	0.96
L0004641	0	0.82760E-05	475854 4	3755631 5	503.9	2.72	6.98
2.53 YES	J	0.027002 03	1,3031.1	3,33031.3	303.3	2.,2	0.30
L0004642	0	0.82760E-05	475839.4	3755631.2	503.0	2.72	6.98
2.53 YES							
L0004643	0	0.82760E-05	475824.4	3755631.0	503.5	2.72	6.98
2.53 YES							
L0004644	0	0.82760E-05	475809.4	3755630.7	505.3	2.72	6.98
2.53 YES							
L0004645	0	0.82760E-05	475794.4	3755630.4	505.9	2.72	6.98
2.53 YES							
L0004646	0	0.82760E-05	475779.4	3755630.1	506.1	2.72	6.98
2.53 YES	_	0 00=45= 5=			-0	0	
L0004647	0	0.82760E-05	4/5764.4	3/55629.8	506.1	2.72	6.98
2.53 YES							

L0004648	0	0.82760E-05	475749.4 3755629.5	506.0	2.72	6.98
2.53 YES	0	0 927605 05	475724 4 2755620 2	F06 0	2 72	c 00
L0004649 2.53 YES	0	0.82760E-05	475734.4 3755629.2	506.0	2.72	6.98
L0004650 2.53 YES	0	0.82760E-05	475719.4 3755628.9	505.9	2.72	6.98
L0004651 2.53 YES	0	0.82760E-05	475704.4 3755628.6	505.9	2.72	6.98
L0004652 2.53 YES	0	0.82760E-05	475689.4 3755628.3	505.9	2.72	6.98
L0004653 2.53 YES	0	0.82760E-05	475674.4 3755628.0	505.8	2.72	6.98
L0004654 2.53 YES	0	0.82760E-05	475659.5 3755627.7	505.9	2.72	6.98
L0004655 2.53 YES	0	0.82760E-05	475644.5 3755627.4	505.8	2.72	6.98
L0004656 2.53 YES	0	0.82760E-05	475629.5 3755627.2	505.8	2.72	6.98
L0004657 2.53 YES	0	0.82760E-05	475614.5 3755626.9	505.6	2.72	6.98
L0004658 2.53 YES	0	0.82760E-05	475599.5 3755626.6	505.5	2.72	6.98
L0004659 2.53 YES	0	0.82760E-05	475584.5 3755626.3	505.3	2.72	6.98
L0004660 2.53 YES	0	0.82760E-05	475569.5 3755626.0	505.1	2.72	6.98
L0004661 2.53 YES	0	0.82760E-05	475554.5 3755625.7	504.9	2.72	6.98
L0004662 2.53 YES	0	0.82760E-05	475539.5 3755625.4	504.7	2.72	6.98
L0004663 2.53 YES	0	0.82760E-05	475524.5 3755625.1	504.4	2.72	6.98
L0004664 2.53 YES	0	0.82760E-05	475509.5 3755624.8	504.2	2.72	6.98
L0004665 2.53 YES	0	0.82760E-05	475494.5 3755624.5	504.0	2.72	6.98
L0004666 2.53 YES	0	0.82760E-05	475479.5 3755624.2	503.9	2.72	6.98
L0004667 2.53 YES	0	0.82760E-05	475464.5 3755623.9	503.8	2.72	6.98
L0004668 2.53 YES	0	0.82760E-05	475449.5 3755623.6	503.7	2.72	6.98
L0004669 2.53 YES	0	0.82760E-05	475434.5 3755623.4	503.6	2.72	6.98
L0004670 2.53 YES	0	0.82760E-05	475419.5 3755623.1	503.6	2.72	6.98
L0004671 2.53 YES	0	0.82760E-05	475404.5 3755622.8	503.5	2.72	6.98
L0004672 2.53 YES	0	0.82760E-05	475389.5 3755623.4	503.6	2.72	6.98

L0004673 0 0.82760E-05 475374.5 3755624.0 503.6 2.72 6.98

2.53 YES

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## \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004674 2.53 YES	0	0.82760E-05	475359.5	3755624.6	503.6	2.72	6.98
L0004675 2.53 YES	0	0.82760E-05	475344.5	3755625.2	503.7	2.72	6.98
L0004676 2.53 YES	0	0.82760E-05	475329.6	3755625.7	503.8	2.72	6.98
L0004677	0	0.82760E-05	475314.6	3755626.3	503.8	2.72	6.98
2.53 YES L0004678	0	0.82760E-05	475299.6	3755626.9	503.9	2.72	6.98
2.53 YES L0004679	0	0.82760E-05	475284.6	3755627.5	503.9	2.72	6.98
2.53 YES L0004680	0	0.82760E-05	475269.7	3755628.9	504.0	2.72	6.98
2.53 YES L0004681	0	0.82760E-05	475254.7	3755630.5	504.1	2.72	6.98
2.53 YES L0004682	0	0.82760E-05	475239.8	3755632.0	504.1	2.72	6.98
2.53 YES L0004683	0	0.82760E-05	475224.9	3755633.6	504.2	2.72	6.98
2.53 YES L0004684	0	0.82760E-05	475210.0	3755635.2	504.2	2.72	6.98
2.53 YES L0004685	0	0.82760E-05	475195.1	3755636.8	504.3	2.72	6.98
2.53 YES L0004686	0	0.82760E-05	475180.2	3755638.4	504.4	2.72	6.98
2.53 YES L0004687 2.53 YES	0	0.82760E-05	475165.3	3755640.0	504.4	2.72	6.98

L0004688	0	0.82760E-05	475150.3 3755641.6	504.5	2.72	6.98
2.53 YES						
L0004689 2.53 YES	0	0.82760E-05	475135.7 3755644.7	504.6	2.72	6.98
L0004690 2.53 YES	0	0.82760E-05	475121.0 3755647.8	504.7	2.72	6.98
L0004691 2.53 YES	0	0.82760E-05	475106.3 3755650.9	504.9	2.72	6.98
L0004692 2.53 YES	0	0.82760E-05	475091.6 3755654.0	505.0	2.72	6.98
L0004693 2.53 YES	0	0.82760E-05	475076.9 3755657.1	505.2	2.72	6.98
L0004694 2.53 YES	0	0.82760E-05	475062.3 3755660.2	505.3	2.72	6.98
L0004695 2.53 YES	0	0.82760E-05	475047.6 3755663.3	505.3	2.72	6.98
L0004696 2.53 YES	0	0.82760E-05	475032.9 3755666.3	505.4	2.72	6.98
L0004697 2.53 YES	0	0.82760E-05	475018.2 3755669.4	505.5	2.72	6.98
L0004698 2.53 YES	0	0.82760E-05	475003.6 3755672.5	505.5	2.72	6.98
L0004699 2.53 YES	0	0.82760E-05	474988.9 3755675.6	505.6	2.72	6.98
L0004700 2.53 YES	0	0.82760E-05	474974.2 3755678.7	505.7	2.72	6.98
L0004701 2.53 YES	0	0.82760E-05	474959.5 3755681.8	505.8	2.72	6.98
L0004702 2.53 YES	0	0.82760E-05	474944.9 3755684.9	505.9	2.72	6.98
L0004703 2.53 YES	0	0.82760E-05	474930.2 3755688.0	506.1	2.72	6.98
L0004704 2.53 YES	0	0.82760E-05	474915.5 3755691.1	506.2	2.72	6.98
L0004705 2.53 YES	0	0.82760E-05	474900.8 3755694.2	506.2	2.72	6.98
L0004706 2.53 YES	0	0.82760E-05	474886.1 3755697.3	506.2	2.72	6.98
L0004707 2.53 YES	0	0.82760E-05	474871.5 3755700.4	506.2	2.72	6.98
L0004708 2.53 YES	0	0.82760E-05	474856.8 3755703.5	506.1	2.72	6.98
L0004709 2.53 YES	0	0.82760E-05	474842.1 3755706.6	506.0	2.72	6.98
L0004710 2.53 YES	0	0.82760E-05	474827.4 3755709.7	506.0	2.72	6.98
L0004711 2.53 YES	0	0.82760E-05	474812.8 3755712.8	506.0	2.72	6.98
L0004712 2.53 YES	0	0.82760E-05	474798.1 3755715.9	506.1	2.72	6.98

L0004713 0 0.82760E-05 474783.4 3755719.0 506.1 2.72 6.98

2.53 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

## \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004714 2.53 YES	0	0.82760E-05	474768.7	3755722.1	506.2	2.72	6.98
L0004715 2.53 YES	0	0.82760E-05	474754.1	3755725.2	506.3	2.72	6.98
L0004716	0	0.82760E-05	474739.4	3755728.3	506.5	2.72	6.98
2.53 YES L0004717	0	0.82760E-05	474724.7	3755731.4	506.5	2.72	6.98
2.53 YES L0004718	0	0.82760E-05	474710.0	3755734.5	506.4	2.72	6.98
2.53 YES L0004719	0	0.82760E-05	474695.4	3755737.6	506.2	2.72	6.98
2.53 YES L0004720	0	0.82760E-05	474680.7	3755740.7	506.1	2.72	6.98
2.53 YES L0004721	0	0.82760E-05	474666.0	3755743.8	506.0	2.72	6.98
2.53 YES L0004722	0	0.82760E-05	474651.3	3755746.9	505.8	2.72	6.98
2.53 YES L0004723	0	0.82760E-05	474636.6	3755750.0	505.3	2.72	6.98
2.53 YES L0004724	0	0.82760E-05	474622.0	3755753.1	504.7	2.72	6.98
2.53 YES L0004725	0	0.82760E-05	474607.3	3755756.2	504.4	2.72	6.98
2.53 YES L0004726	0	0.82760E-05	474592.6	3755759.3	504.3	2.72	6.98
2.53 YES L0004727 2.53 YES	0	0.82760E-05	474577.9	3755762.4	504.4	2.72	6.98

L0004728	0	0.82760E-05	474563.3 3755765.5	504.3	2.72	6.98
2.53 YES L0004729	0	0.82760E-05	474548.6 3755768.6	504.1	2.72	6.98
2.53 YES L0004730	0	0.82760E-05	474533.9 3755771.6	504.3	2.72	6.98
2.53 YES						
L0004731 2.53 YES	0	0.82760E-05	474519.2 3755774.7	504.3	2.72	6.98
L0004732 2.53 YES	0	0.82760E-05	474504.6 3755777.8	504.3	2.72	6.98
L0004733	0	0.82760E-05	474489.9 3755780.9	504.2	2.72	6.98
2.53 YES L0004734	0	0.82760E-05	474475.2 3755784.0	504.0	2.72	6.98
2.53 YES						
L0004735 2.53 YES	0	0.82760E-05	474460.5 3755787.1	503.8	2.72	6.98
L0004736	0	0.82760E-05	474445.8 3755790.2	503.5	2.72	6.98
2.53 YES L0004737	0	0.82760E-05	474431.2 3755793.3	503.4	2.72	6.98
2.53 YES L0004738	0	0.82760E-05	474416.5 3755796.4	503.4	2.72	6.98
2.53 YES						
L0004739 2.53 YES	0	0.82760E-05	474401.8 3755799.5	503.3	2.72	6.98
L0004740	0	0.82760E-05	474387.1 3755802.6	503.3	2.72	6.98
2.53 YES L0004741	0	0.82760E-05	474372.5 3755805.7	503.2	2.72	6.98
2.53 YES	Ū					
L0004742 2.53 YES	0	0.82760E-05	474357.8 3755808.8	503.1	2.72	6.98
L0004743	0	0.82760E-05	474343.1 3755811.9	503.1	2.72	6.98
2.53 YES L0004744	0	0.82760E-05	474328.4 3755815.0	502.9	2.72	6.98
2.53 YES						
L0004745 2.53 YES	0	0.82760E-05	474313.8 3755818.1	502.8	2.72	6.98
L0004746	0	0.82760E-05	474299.1 3755821.2	502.5	2.72	6.98
2.53 YES L0004747	0	0.82760E-05	474284.4 3755824.3	502.4	2.72	6.98
2.53 YES	0	0 927605 05	474260 7 2755027 4	F02 2	2 72	c 00
L0004748 2.53 YES	0	0.82/60E-05	474269.7 3755827.4	502.3	2.72	6.98
L0004749 2.53 YES	0	0.82760E-05	474255.0 3755830.5	501.1	2.72	6.98
L0004750	0	0.82760E-05	474240.4 3755833.6	499.5	2.72	6.98
2.53 YES L0004751	0	0.82760F-05	474225.7 3755836.7	498.9	2.72	6.98
2.53 YES						
L0004752 2.53 YES	0	0.82760E-05	474211.0 3755839.8	499.2	2.72	6.98

L0004753 0 0.82760E-05 474196.3 3755842.8 501.5 2.72 6.98

2.53 YES

 $\spadesuit$  \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

## \*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY	, ,				
L0004754	0	0.82760E-05	474181.6	3755845.9	502.6	2.72	6.98
2.53 YES							
L0004755 2.53 YES	0	0.82760E-05	474167.0	3755848.9	502.8	2.72	6.98
L0004756	0	0.82760E-05	474152.3	3755852.0	502.7	2.72	6.98
2.53 YES L0004757	0	0.82760E-05	474137.6	3755855.0	502.6	2.72	6.98
2.53 YES L0004758	0	0.82760E-05	474122.9	3755858.1	502.5	2.72	6.98
2.53 YES L0004759	0	0.82760E-05	474108.2	3755861.1	502.4	2.72	6.98
2.53 YES L0004760	0	0.82760E-05	474093.5	3755864.2	502.4	2.72	6.98
2.53 YES L0004761	0	0.82760E-05	474078.8	3755867.2	502.4	2.72	6.98
2.53 YES L0004762	0	0.82760E-05	474064.2	3755870.3	502.4	2.72	6.98
2.53 YES L0004763	0	0.82760E-05	474049.5	3755873.4	502.2	2.72	6.98
2.53 YES L0004764	0	0.82760E-05	474034.8	3755876.4	502.1	2.72	6.98
2.53 YES L0004765	0	0.82760E-05	474020.1	3755879.5	501.8	2.72	6.98
2.53 YES L0004766	0	0.82760E-05	474005.4	3755882.5	501.4	2.72	6.98
2.53 YES L0004767	0	0.82760E-05					
2.53 YES							

L0004768	0	0.82760E-05	473976.0 3755888.6	500.7	2.72	6.98
2.53 YES L0004769	0	0.82760E-05	473961.4 3755891.7	500.3	2.72	6.98
2.53 YES	Ø	0.82700E-03	4/3301.4 3/33031./	300.3	2.72	0.36
L0004770	0	0.82760E-05	473946.7 3755894.7	500.0	2.72	6.98
2.53 YES	· ·	0.027002 03	+/35+0:/ 5/3565+:/	300.0	2.72	0.50
L0004771	0	0.82760E-05	473932.0 3755897.8	499.7	2.72	6.98
2.53 YES						
L0004772	0	0.82760E-05	473917.3 3755900.8	499.3	2.72	6.98
2.53 YES						
L0004773	0	0.82760E-05	473902.6 3755903.9	499.0	2.72	6.98
2.53 YES						
L0004774	0	0.82760E-05	473887.9 3755906.9	498.6	2.72	6.98
2.53 YES		0 007605 05	472072 2 2755040 0	400.0	2 72	
L0004775	0	0.82760E-05	473873.2 3755910.0	498.2	2.72	6.98
2.53 YES L0004776	0	0 027605 05	473858.5 3755913.0	497.8	2.72	6.98
2.53 YES	Ø	0.82760E-05	4/3030.3 3/33313.0	497.0	2.72	0.90
L0004777	0	0.82760E-05	473843.9 3755916.1	497.5	2.72	6.98
2.53 YES	· ·	0.027002 03	+/30+3.7 3/33310.1	457.5	2.72	0.50
L0004778	0	0.82760E-05	473829.2 3755919.1	497.1	2.72	6.98
2.53 YES	-					
L0004779	0	0.82760E-05	473814.5 3755922.2	496.7	2.72	6.98
2.53 YES						
L0004780	0	0.82760E-05	473799.8 3755925.2	496.3	2.72	6.98
2.53 YES						
L0004781	0	0.82760E-05	473785.1 3755928.3	495.8	2.72	6.98
2.53 YES	•			40= 0		
L0004782	0	0.82760E-05	473770.4 3755931.3	495.3	2.72	6.98
2.53 YES L0004783	0	0.82760E-05	4727EE 7 27EE024 4	494.9	2.72	6.98
2.53 YES	Ø	0.02/006-05	473755.7 3755934.4	494.9	2.72	0.90
L0004784	0	0 82760F-05	473741.1 3755937.5	494.5	2.72	6.98
2.53 YES	Ū	0.027002 03	1737 1212 373333713	15115	2.,2	0.30
L0004785	0	0.82760E-05	473726.4 3755940.5	494.1	2.72	6.98
2.53 YES						
L0004786	0	0.82760E-05	473711.7 3755943.6	493.5	2.72	6.98
2.53 YES						
L0004787	0	0.82760E-05	473697.0 3755946.6	493.0	2.72	6.98
2.53 YES	_					
L0004788	0	0.82760E-05	473682.3 3755949.7	492.5	2.72	6.98
2.53 YES	0	0 027605 05	473667 6 3755053 7	401 0	2 72	c 00
L0004789 2.53 YES	0	0.82/60E-05	473667.6 3755952.7	491.9	2.72	6.98
L0004790	0	0 82760F-05	473652.9 3755955.8	491.3	2.72	6.98
2.53 YES	Ü	0.02/00L-0J	T13032.7 3133333.0	<del>-</del> 71.3	L. / L	0.70
L0004791	0	0.82760E-05	473638.3 3755958.8	490.9	2.72	6.98
2.53 YES	-			· ·	- · · · -	
L0004792	0	0.82760E-05	473623.6 3755961.9	490.5	2.72	6.98
2.53 YES						

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0 0.82760E-05 473608.9 3755964.9 489.6 2.72 6.98
L0004793
2.53
       YES
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
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                               16:19:54
                               PAGE 12
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                                               *** VOLUME SOURCE DATA ***
             NUMBER EMISSION RATE
                                                   BASE
                                                          RELEASE
                                                                     INIT.
INIT. URBAN EMISSION RATE
              PART. (GRAMS/SEC)
                                  X Y
                                                   ELEV.
                                                          HEIGHT
                                                                      SY
  SOURCE
      SOURCE SCALAR VARY
SZ
              CATS.
                                 (METERS) (METERS) (METERS) (METERS)
    ID
                    BY
(METERS)
L0004794
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                                                                      6.98
2.53
     YES
L0004795
                    0.82760E-05 473579.5 3755971.0
                                                    487.9
                                                             2.72
                                                                      6.98
                0
       YES
2.53
L0004796
                    0.82760E-05 473564.8 3755974.1
                                                    487.2
                                                             2.72
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2.53
       YES
L0004797
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                                                                      6.98
2.53
       YES
                    0.82760E-05 473535.5 3755980.2
L0004798
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                                                                      6.98
2.53
        YES
L0004799
                    0.82760E-05 473520.8 3755983.2
                                                    485.9
                                                             2.72
                                                                      6.98
                0
2.53
       YES
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION
                     16216 ***
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                               16:19:54
                               PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***
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L0004527	L0004522 , L0004528	, L0004523 , L0004529	, L0004524	, L0004525	, L0004526	y

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP	ID 			SOURCE IDS				
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                                    *** 2042 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112 ***
                                   04/06/22
                      16216 ***
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*** AERMET - VERSION
                       ***
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                                 PAGE 15
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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           L0004786
                                      , L0004788
                                                                 , L0004790
L0004791
           , L0004792
                        , L0004793
                        , L0004795
                                      , L0004796
                                                   , L0004797
                                                                 , L0004798
            L0004794
L0004799
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                  ***
                                 16:19:54
                                 PAGE 16
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                         *** SOURCE IDS DEFINED AS URBAN SOURCES
 URBAN ID
            URBAN POP
                                                        SOURCE IDs
             2189641.
                       L0004394
                                    , L0004395
                                                 , L0004396 , L0004397
L0004398
           , L0004399
                      , L0004400
L0004401
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            L0004402
                                      , L0004404
                                                   , L0004405
                                                                 , L0004406
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L0004407	, L0004408	, L0004409	y			
L0004415	L0004410 , L0004416	, L0004411 , L0004417	, L0004412	, L0004413	, L0004414	y
L0004423	L0004418 , L0004424	, L0004419 , L0004425	, L0004420 ,	, L0004421	, L0004422	,
L0004431	L0004426 , L0004432	, L0004427 , L0004433	, L0004428 ,	, L0004429	, L0004430	,
L0004439	L0004434 , L0004440	, L0004435 , L0004441	, L0004436 ,	, L0004437	, L0004438	,
L0004447	L0004442 , L0004448	, L0004443 , L0004449	, L0004444 ,	, L0004445	, L0004446	y
L0004455	L0004450 , L0004456	, L0004451 , L0004457	, L0004452 ,	, L0004453	, L0004454	,
L0004463	L0004458 , L0004464	, L0004459 , L0004465	, L0004460 ,	, L0004461	, L0004462	,
L0004471	L0004466 , L0004472	, L0004467 , L0004473	, L0004468 ,	, L0004469	, L0004470	,
L0004479	L0004474 , L0004480	, L0004475 , L0004481	, L0004476	, L0004477	, L0004478	,
L0004487	L0004482 , L0004488	, L0004483 , L0004489	, L0004484 ,	, L0004485	, L0004486	,
L0004495	L0004490 , L0004496	, L0004491 , L0004497	, L0004492 ,	<b>,</b> L0004493	, L0004494	y
L0004503	L0004498 , L0004504	, L0004499 , L0004505	, L0004500	, L0004501	, L0004502	y
L0004511	L0004506 , L0004512	, L0004507 , L0004513	, L0004508	, L0004509	, L0004510	,
L0004519	L0004514 , L0004520	, L0004515 , L0004521	, L0004516	, L0004517	, L0004518	,
L0004527	L0004522 , L0004528	, L0004523 , L0004529	, L0004524 ,	, L0004525	, L0004526	,
L0004535	L0004530 , L0004536	, L0004531 , L0004537	, L0004532	, L0004533	, L0004534	,

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L0004538 , L0004539 , L0004540 , L0004541 , L0004542 ,

L0004543 , L0004544 , L0004545 ,

L0004546 , L0004547 , L0004548 , L0004549 , L0004550 ,

L0004551 , L0004552 , L0004553 ,

*** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM

*** 04/06/22

*** AERMET - VERSION 16216 *** ***

16:19:54

PAGE 17

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*
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\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES

\*\*\*

URBAN ID	URBAN POP			SOURCE :	IDs	
L0004559	L0004554 , L0004560	, L0004555 , L0004561	, L0004556	, L0004557	, L0004558	,
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L0004575	L0004570 , L0004576	, L0004571 , L0004577	, L0004572	, L0004573	, L0004574	,
L0004583	L0004578 , L0004584	, L0004579 , L0004585	, L0004580	, L0004581	, L0004582	,
L0004591	L0004586 , L0004592	, L0004587 , L0004593	, L0004588	, L0004589	, L0004590	,
L0004599	L0004594 , L0004600	, L0004595 , L0004601	, L0004596	, L0004597	, L0004598	,
L0004607	L0004602 , L0004608	, L0004603 , L0004609	, L0004604	, L0004605	, L0004606	,
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L0004631	L0004626 , L0004632	, L0004627 , L0004633	, L0004628	, L0004629	, L0004630	,

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                                       , L0004708
                                                                  , L0004710
           , L0004712
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L0004711
                                   *** 2042 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112 ***
                                  04/06/22
                      16216 ***
 *** AERMET - VERSION
                       ***
                                  16:19:54
                                  PAGE 18
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                          *** SOURCE IDS DEFINED AS URBAN SOURCES
***
  URBAN ID
            URBAN POP
                                                          SOURCE IDs
                                     , L0004716
                         , L0004715
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            L0004714
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, L0004726

, L0004723

L0004722

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L0004727 , L0004728 , L0004729
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L0004783
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L0004791
           , L0004792
            L0004794
                       , L0004795
                                    , L0004796 , L0004797 , L0004798
L0004799
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                 04/06/22
 *** AERMET - VERSION 16216 ***
                                16:19:54
                                PAGE 19
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
***
                                        *** X-COORDINATES OF GRID ***
                                                 (METERS)
      474691.0, 474706.0, 474721.0, 474736.0, 474751.0, 474766.0, 474781.0,
474796.0,
                                       *** Y-COORDINATES OF GRID ***
```

(METERS)

```
3755573.6, 3755588.6, 3755603.6, 3755618.6, 3755633.6,
♠ *** AERMOD - VERSION 21112  ***   *** 2042 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                           16:19:54
                           PAGE 20
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
   (METERS) | 474691.04 474706.04 474721.04
                                               474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 497.50
                            497.60
                                     497.30
                                                497.10
                                                           497.00
 497.00
            497.00 496.60
 3755618.62 | 496.90
                                                497.00
                            497.10
                                    497.10
                                                           496.90
           497.10
                  495.90
 497.10
 3755603.62 | 496.70
                            497.00 497.00 497.00
                                                           497.00
           497.10 495.40
 497.20
                            496.90
                                      496.90
 3755588.62 | 496.60
                                                497.00
                                                            497.10
          497.10
                      495.10
 497.30
 3755573.62 | 496.40
                            496.70 496.80 497.00 497.10
 497.20
            496.90
                      494.70
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                  ***
                           16:19:54
                           PAGE 21
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART
                                       * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                  X-COORD (METERS)
              474691.04 474706.04 474721.04 474736.04 474751.04
   (METERS)
474766.04 474781.04 474796.04
 3755633.62 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90			
789.90 789.90 789.90 789.90 789.90	.90 789.90	789.90	789.90
3755603.62   789.90 789	.90 789.90	789.90	789.90
789.90 789.90 789.90 3755588.62   789.90 789	.90 789.90	789.90	789.90
789.90 789.90 789.90 3755573.62   789.90 789	.90 789.90	789.90	789.90
789.90 789.90 789.90  ↑ *** AERMOD - VERSION 21112 *** **  *** 04  *** AERMET - VERSION 16216 *** ***  16:1	/06/22	- TRUCK PM	
PAGE *** MODELOPTs: RegDFAULT CONC EL			
	*** GRIDDED RECE	PTOR NETWORK SUM	MARY ***
***	NETWORK ID: UCART2	; NETWORK TY	PE: GRIDCART
	*** X-COORDINA (MET	TES OF GRID *** ERS)	
474790.5, 474805.5, 474820.5, 474895.5,	474835.5, 47485	0.5, 474865.5,	474880.5,
	*** Y-COORDINA (MET	TES OF GRID *** ERS)	
3755561.1, 3755576.1, 3755591.1,	3755606.1,		
*** AERMOD - VERSION 21112 *** ** 04	* 2042 OPERATIONS	- TRUCK PM	
*** AERMET - VERSION 16216 *** *** *** 16:1			
PAGE *** MODELOPTs: RegDFAULT CONC EL			
***	NETWORK ID: UCART2	; NETWORK TY	PE: GRIDCART
	* ELEVAT	ION HEIGHTS IN MI	ETERS *
Y-COORD		X-COORD (MI	ETERS)
(METERS)   474790.51 474805 474865.51 474880.51 474895.51	.51 474820.51		•

3755606.07			493.70	493.20	493.20
493.30 493. 3755591.07   492.90 492.	495.90	494.00	493.30	492.90	492.90
492.90 492. 3755576.07   492.70 492.	495.60	493.50	493.00	492.60	492.70
3755561.07   492.50 492.	495.20	493.10	492.70	492.40	492.50
↑ *** AERMOD - VERS	FION 21112 ***  ***	*** 2042 OP 04/06/22 ***	PERATIONS - TF	RUCK PM	
*** MODELOPTs:		PAGE 24	\ \\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
MODELOPIS.			_		
***		*** NETWORK I	D: UCART2 ;	NETWORK TYP	PE: GRIDCART
			* HILL HEIGH	IT SCALES IN M	METERS *
Y-COORD   (METERS)   474865.51 474880				X-COORD (ME 4835.51 47	
3755606.07   789.90 789.	789.90 90 789.90	789.90	789.90	789.90	789.90
3755591.07	789.90	789.90	789.90	789.90	789.90
789.90 789. 3755576.07	789.90	789.90	789.90	789.90	789.90
789.90 789. 3755561.07	789.90	789.90	789.90	789.90	789.90
789.90 789. ↑ *** AERMOD - VERS	SION 21112 ***	*** 2042 OF 04/06/22	PERATIONS - TE	RUCK PM	
*** AERMET - VERSI		*** 16:19:54			
*** MODELOPTs:	RegDFAULT CONC	PAGE 25 ELEV URBAN	ADJ_U*		
		*** GRI	DDED RECEPTOR	NETWORK SUMM	IARY ***
***		*** NETWORK I	D: UCART3 ;	NETWORK TYP	PE: GRIDCART

\*\*\* X-COORDINATES OF GRID \*\*\*

474800.9, 474815.9,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

3755608.3, 3755623.3, \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 16:19:54 PAGE 26 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* ELEVATION HEIGHTS IN METERS \* Y-COORD | X-COORD (METERS) (METERS) 474800.90 474815.90 3755623.35 495.80 495.20 3755608.35 | 495.00 494.00 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:19:54 PAGE 27 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART \* HILL HEIGHT SCALES IN METERS \* Y-COORD | X-COORD (METERS) (METERS) | 474800.90 474815.90 
 3755623.35
 789.90
 789.90

 3755608.35
 789.90
 789.90

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

04/06/22

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*** AERMET - VERSION 16216 *** ***
                               16:19:54
                               PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
                                      *** X-COORDINATES OF GRID ***
                                                (METERS)
      474820.8, 474835.8,
                                      *** Y-COORDINATES OF GRID ***
                                                (METERS)
     3755607.5, 3755622.5,
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                               16:19:54
                               PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
               474820.81 474835.81
 3755622.54
                  495.00
                              494.80
 3755607.54
                   493.70
                              493.20
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                               16:19:54
                               PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART
```

## \* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
(METERS)   474820.81	474835.81
2755622 54   790 00	700.00
3755622.54   789.90 3755607.54   789.90	789.90 789.90
↑ *** AERMOD - VERSION 21112	*** *** 2042 OPERATIONS - TRUCK PM
	04/06/22
*** AERMET - VERSION 16216	
***	16:19:54
	PAGE 31
*** MODELOPTs: RegDFAULT	CONC ELEV URBAN ADJ_U*
	*** GRIDDED RECEPTOR NETWORK SUMMARY ***
	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***	ŕ
	*** X-COORDINATES OF GRID ***
	(METERS)
	(METERS)
474838.9, 474853.9,	
	*** Y-COORDINATES OF GRID *** (METERS)
3755600.4, 3755615.4,	
↑ *** AERMOD - VERSION 21112  ***	*** *** 2042 OPERATIONS - TRUCK PM 04/06/22
*** AERMET - VERSION 16216	
***	16:19:54
	DACE 22
*** MODELOPTs: RegDFAULT	PAGE 32 CONC ELEV URBAN ADJ_U*
	<del>-</del>
***	*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
	* ELEVATION HEIGHTS IN METERS *
Y-COORD	X-COORD (METERS)
<u>:</u>	474853.93

```
3755600.41 | 493.60

*** 455
                                493.60
                               493.10
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                                16:19:54
                                PAGE 33
                 RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                                *** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART
***
                                             * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                          X-COORD (METERS)
   (METERS) | 474838.93 474853.93
 3755615.41
                    789.90
                                789.90
                                789.90
 3755600.41
                   789.90
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                                16:19:54
                                PAGE 34
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                                *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
***
                                       *** X-COORDINATES OF GRID ***
                                                 (METERS)
      474857.7, 474872.7,
                                       *** Y-COORDINATES OF GRID ***
                                                 (METERS)
     3755596.5, 3755611.5,
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 ***
                     ***
                                16:19:54
                                PAGE 35
```

```
*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                          X-COORD (METERS)
   (METERS)
                474857.73 474872.73
 3755611.53
                    493.30
                                493.50
 3755596.53
                    493.00
                               493.10
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               16:19:54
                               PAGE 36
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART
                                             * HILL HEIGHT SCALES IN METERS *
   Y-COORD |
                                                          X-COORD (METERS)
             474857.73 474872.73
   (METERS)
 3755611.53
                   789.90
                                789.90
 3755596.53
                    789.90
                                789.90
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                       ***
                                04/06/22
*** AERMET - VERSION 16216 ***
                               16:19:54
                               PAGE 37
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                       *** X-COORDINATES OF GRID ***
```

(METERS)

RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* MODELOPTs:

475108.8, 475128.8, 475148.8, 475168.8, 475188.8, 475208.8, 475228.8, 475248.8, 475268.8, 475288.8,

## \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755153.7, 3755173.7, 3755193.7, 3755213.7, 3755233.7, 3755253.7, 3755273.7, 3755293.7, 3755333.7,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD

## \* ELEVATION HEIGHTS IN METERS \*

X-COORD (METERS)

(METERS)	47!	5108.79 47	5128.79	475148.79	475168.79	475188.79
475208.79	475228.79	9 475248.79	9 4752	68.79		
3755333.70	1	493.70	492.80	492.30	492.40	492.80
		494.70				
3755313.70	1	493.20	492.40	492.00	492.00	492.40
		493.60				
3755293.70		492.90	492.20	491.80	491.70	492.00
		492.90				
3755273.70		492.90	492.10	491.60	491.50	491.70
492.00	492.30	492.60	49	3.10		
3755253.70		492.60	492.00	491.60	491.40	491.50
		492.60				
				491.60		491.40
491.70	492.20	492.70	49	3.30		
3755213.70		492.00	491.80	491.70	491.60	491.50
		492.80				
3755193.70		492.00	492.00	492.00	491.90	491.70
491.80	492.30	492.80	49	3.30		
3755173.70		492.10	492.10	492.10	492.00	491.70
491.90	492.30	492.70	49	3.10		
3755153.70		492.30	492.10	492.10	492.00	491.70
		492.50				
↑ *** AERMOD	- VERSIO	N 21112 ***	*** 204	2 OPERATIONS	- TRUCK PM	

```
04/06/22
*** AERMET - VERSION 16216 *** ***
                            16:19:54
                            PAGE 39
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) | 475288.79
 3755333.70
                496.60
 3755313.70
                494.90
 3755293.70
                494.00
 3755273.70
                493.80
 3755253.70
                  493.90
 3755233.70
                 493.90
 3755213.70
                 493.90
 3755193.70
                493.70
 3755173.70
                 493.50
 3755153.70
                 493.40
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                            16:19:54
                            PAGE 40
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART
                                        * HILL HEIGHT SCALES IN METERS *
   Y-COORD
                                                   X-COORD (METERS)
   (METERS) | 475108.79 475128.79 475148.79 475168.79
475208.79 475228.79
                   475248.79
                                475268.79
 3755333.70 | 789.90 789.90
                                        789.90 789.90 789.90
            789.90 789.90 789.90
 789.90
 3755313.70 | 789.90 789.90 789.90 789.90 789.90
```

789.90 789.90 789.90 789.90

		789.90	789.90		789.90	789.90	789.90
789.90	1 789.90	789.9	a , 03.30	789.90	,05.50	703.30	703.30
3755273.70		789.90	789.90	,03.30	789.90	789.90	789.90
789.90						703.30	703.30
3755253 70	103.30	789.90	789 90	,05.50	789 90	789.90	789.90
		789.9				703.30	703.30
		789.90				789.90	789.90
		789.9				,05.50	703.30
3755213.70		789.90	789.90	, 05 (50	789.90	789.90	789.90
789.90	789.90	789.9	9	789.90		, 65 ( 5 6	. 65 . 5 6
3755193.70		789.90	789.90		789.90	789.90	789.90
		789.9					
						789.90	789.90
789.90							
3755153.70		789.90	789.90		789.90	789.90	789.90
789.90	789.90	789.9	9	789.90			
789.90 ↑ *** AERMOD	- VERSIO	N 21112 ***	*** 2	042 OPI	ERATIONS -	TRUCK PM	
		***	01/00	/22			
*** AERMET -	<b>VERSION</b>	16216 ***	***				
		***	16:19:5	4			
*** MODELOPTS	s: Reg	DFAULT CON	C ELEV	URBAN	ADJ_U*		
			*** NET	WORK I	D: UCART7	; NETWORK	TYPE: GRIDCART
***			*** NET	WORK I	): UCART7	; NETWORK	TYPE: GRIDCART
***			*** NET				
***			*** NET			; NETWORK	
	ı		*** NET			IGHT SCALES I	N METERS *
Y-COORD			*** NET			IGHT SCALES I	
Y-COORD		5288.79	*** NET			IGHT SCALES I	N METERS *
Y-COORD			*** NET			IGHT SCALES I	N METERS *
Y-COORD			*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS)	47 <u>5</u> 	5288.79  	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS)  3755333.70	47 <u>5</u> 	5288.79   789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS)  	47 <u>5</u> 	5288.79   789.90 789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79   789.90 789.90 789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79   789.90 789.90 789.90 789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79 	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79  789.90 789.90 789.90 789.90 789.90 789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79  789.90 789.90 789.90 789.90 789.90 789.90 789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79  789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u> 	5288.79 	*** NET			IGHT SCALES I	N METERS *
Y-COORD (METERS)	47 <u>5</u>              	5288.79  789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90			* HILL HE	IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u>              	5288.79  789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	*** 2	 		IGHT SCALES I	N METERS *
Y-COORD (METERS) 	47 <u>5</u>    	5288.79 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90		 	* HILL HE	IGHT SCALES I	N METERS *
Y-COORD (METERS)	47 <u>5</u>    	5288.79  789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	*** 2 04/06	  942 OPI /22	* HILL HE	IGHT SCALES I	N METERS *

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475151.6, 475171.6, 475191.6, 475211.6, 475231.6, 475251.6, 475271.6, 475391.6, 475351.6, 475371.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*

(METERS)

PAGE 43

475151.63 475171.63 475191.63

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\*\*\*

Y-COORD |

(METERS)

\* ELEVATION HEIGHTS IN METERS \*

475211.63

X-COORD (METERS)

475231.63

475251.63	475271.63 4	75291.63	3 475311	1.63			
3755398.30	497.2	0	497.00	496.70	496.70	497.40	
497.80	497.90	497.70	497.	. 60			
3755378.30	495.9	0	495.60	495.20	495.30	496.30	
497.30	497.80	497.60	497.	. 40			
3755358.30	494.4	.0	494.20	493.80	494.10	495.20	
496.40	497.40	497.30	496.	.90			
3755338.30	492.6	0	492.70	493.00	493.50	494.00	
495.20	496.60	496.90	496.	. 30			
★ *** AERMOD					- TRUCK PM		
			04/06/22				
*** AERMET -	VERSION 1621	6 ***	***				

16:19:54

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RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63

3755398.30 497.60 497.70 497.90 3755378.30 497.20 497.20 497.60 3755358.30 | 496.70 496.80 497.30 3755338.30 496.00 496.30 497.10

♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) 475151.63 475171.63 475191.63 475211.63 475231.63 475251.63 475271.63 475291.63 475311.63

3755398.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755358.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 3755338.30 | 789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

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RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* MODELOPTs: \*\*\* NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART \*\*\* \* HILL HEIGHT SCALES IN METERS \* Y-COORD X-COORD (METERS) (METERS) 475331.63 475351.63 475371.63 3755398.30 789.90 789.90 789.90 3755378.30 | 789.90 789.90 789.90 3755358.30 789.90 789.90 789.90 3755338.30 789.90 789.90 789.90 ★ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 16:19:54 PAGE 47 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART \*\*\* \*\*\* X-COORDINATES OF GRID \*\*\* (METERS) 475185.6, 475205.6, 475225.6, 475245.6, 475265.6, 475285.6, 475305.6, 475325.6, 475345.6, 475365.6, \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS) 3755404.0, 3755424.0, 3755444.0, ♠ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:19:54 PAGE 48 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART

## \* ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)   475185.62 4 475285.62 475305.62 475325.		X-COORD (METERS) 475245.62 475265.62
3755444.04   496.90 498.30 498.40 498.5		497.80 498.10
3755424.04   497.00 498.10 498.10 498.2	497.20 497.40 a 498.20	497.80 498.00
3755404.04   496.90	496.80 497.20	
497.80 497.80 497.7  ★ *** AERMOD - VERSION 21112 ***  ***  *** AERMET - VERSION 16216 ***  ***	04/06/22 ***	- TRUCK PM
*** MODELOPTs: RegDFAULT CON	PAGE 49 C ELEV URBAN ADJ_U*	
***	*** NETWORK ID: UCART10	); NETWORK TYPE: GRIDCART
	* F1 F1/A T3	
	* ELEVAI	ION HEIGHTS IN METERS *
Y-COORD   (METERS)   475365.62	* ELEVAII	X-COORD (METERS)
·	* ELEVAII	
(METERS)   475365.62 		X-COORD (METERS)
(METERS)   475365.62 	*** 2042 OPERATIONS 04/06/22	X-COORD (METERS)
(METERS)   475365.62 	*** 2042 OPERATIONS 04/06/22	X-COORD (METERS)
(METERS)   475365.62 	*** 2042 OPERATIONS 04/06/22 *** 16:19:54  PAGE 50 C ELEV URBAN ADJ_U*	X-COORD (METERS)
(METERS)   475365.62	*** 2042 OPERATIONS 04/06/22 *** 16:19:54  PAGE 50 C ELEV URBAN ADJ_U* *** NETWORK ID: UCART16	X-COORD (METERS)  - TRUCK PM

(METERS)   475185.62 475205.62 475225.62 475245.62 475265.62 475285.62 475305.62 475325.62 475345.62	
3755444.04   789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	)
3755424.04   789.90 789.90 789.90 789.90 789.90 789.90	)
789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM  *** 04/06/22	
*** AERMET - VERSION 16216 *** *** *** 16:19:54	
PAGE 51 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** NETWORK ID: UCART10 ; NETWORK TYPE: GRID ***	CART
* HILL HEIGHT SCALES IN METERS *	
Y-COORD   X-COORD (METERS)   475365.62	
3755444.04   789.90 3755424.04   789.90	
3755404.04   789.90 ↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM	
*** 04/06/22 *** AERMET - VERSION 16216 *** *** *** 16:19:54	
PAGE 52	
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*	
*** GRIDDED RECEPTOR NETWORK SUMMARY ***	
*** NETWORK ID: UCART12 ; NETWORK TYPE: GRID ***	CART
*** X-COORDINATES OF GRID *** (METERS)	
475230.5, 475250.5, 475270.5, 475290.5, 475310.5, 475330.5, 475350.	5,

# \*\*\* Y-COORDINATES OF GRID \*\*\* (METERS)

3755450.2, 3755470.2, 3  *** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	*** *** 2042 ( 04/06/22	OPERATIONS ·	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 53 CONC ELEV URBA	AN ADJ_U*		
***	*** NETWORK	ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* ELEVAT]	ON HEIGHTS IN	N METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	175270.47		(METERS) 475310.47
		-		
3755490.18   497.30 499.10 499.20	497.80	498.20	498.60	499.00
_	497.80	498.20	498.50	498.80
3755450.18   497.50 498.60 498.60	497.90	498.20	498.40	498.50
*** AERMOD - VERSION 21112  ***  *** AERMET - VERSION 16216  ***	04/06/22	OPERATIONS ·	- TRUCK PM	
*** MODELOPTs: RegDFAULT	PAGE 54 CONC ELEV URBA	AN ADJ_U*		
***	*** NETWORK	ID: UCART12	2 ; NETWORK	TYPE: GRIDCART
		* HILL HE	EIGHT SCALES	IN METERS *
Y-COORD   (METERS)   475230.47 475330.47 475350.47	475250.47	175270.47		(METERS) 475310.47
		-	<b>-</b>	<b>_</b>
3755490.18   789.90 789.90 789.90	789.90	789.90	789.90	789.90

```
3755470.18 | 789.90 789.90
                                           789.90 789.90 789.90
 789.90
             789.90
 3755450.18
                    789.90
                               789.90
                                           789.90
                                                      789.90
                                                                  789.90
             789.90
 789.90
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                     ***
                              16:19:54
                              PAGE 55
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** GRIDDED RECEPTOR NETWORK SUMMARY ***
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                      *** X-COORDINATES OF GRID ***
                                               (METERS)
      475254.8, 475274.8, 475294.8, 475314.8, 475334.8,
                                      *** Y-COORDINATES OF GRID ***
                                               (METERS)
     3755493.8, 3755513.8,
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
                              ***
*** AERMET - VERSION
                    16216 ***
                               16:19:54
                               PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                               *** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART
***
                                            * ELEVATION HEIGHTS IN METERS *
   Y-COORD |
                                                        X-COORD (METERS)
   (METERS)
                475254.84 475274.84 475294.84 475314.84
                                                                475334.84
                  498.20
 3755513.80
                                                                  499.50
                               498.70
                                           499.10
                                                       499.40
                                           498.80
                                                                  499.20
 3755493.80
                   498.00
                               498.40
                                                       499.10
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
                               ***
*** AERMET - VERSION 16216 ***
                     ***
                              16:19:54
```

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\*

\*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD | X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84

3755513.80 | 789.90 789.90 789.90 789.90 789.90 789.90 3755493.80 | 789.90 789.90 789.90 789.90 789.90

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*

(METERS)

475293.5, 475313.5, 475333.5, 475353.5, 475373.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*
(METERS)

3755212.6, 3755232.6, 3755252.6, 3755272.6, 3755292.6, 3755312.6, 3755332.6,

▶ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

\*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART

\*\*\*

<sup>\*</sup> ELEVATION HEIGHTS IN METERS \*

Y-COORD   (METERS)	475293.48	475313.48	475333.48	X-COORD 475353.48	(METERS) 475373.48
3755332.63	496.50	496.00	495.80	496.30	497.10
3755312.63	494.90	495.00	495.40	496.10	497.10
3755292.63	494.10	494.60	495.30	496.10	496.90
3755272.63	494.00	494.70	495.40	496.20	496.80
3755252.63	494.10	494.70	495.40	496.00	496.50
3755232.63	494.10	494.70	495.20	495.70	496.10
3755212.63	494.00	494.50	494.90	495.30	495.80
↑ *** AERMOD -	- VERSION 21112 ***	*** *** 204 04/06/2	2 OPERATIONS 2	- TRUCK PM	
*** AERMET -	VERSION 16216	*** ***			
	***	16:19:54			
*** MODELOPTs	: RegDFAULT	PAGE 60 CONC ELEV U	RBAN ADJ_U*		
***		*** NETWO	RK ID: UCART1	4 ; NETWORK	TYPE: GRIDCART
			* HILL H	EIGHT SCALES	IN METERS *
Y-COORD			* HILL H		
Y-COORD   (METERS)	475293.48	475313.48			IN METERS *  (METERS)  475373.48
	475293.48	475313.48 		X-COORD	(METERS)
	475293.48 	475313.48  		X-COORD	(METERS)
(METERS)   			475333.48  	X-COORD	(METERS) 475373.48
		475313.48   789.90 789.90		X-COORD 475353.48 	(METERS)
(METERS)     3755332.63	789.90	789.90	475333.48   789.90	X-COORD 475353.48 	(METERS) 475373.48 
(METERS)    	789.90 789.90	789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90	(METERS) 475373.48  789.90 789.90
(METERS)    	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90	(METERS) 475373.48  789.90 789.90 789.90
(METERS)   	789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90 789.90	(METERS) 475373.48  789.90 789.90 789.90 789.90
(METERS)   	789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90	475333.48 	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204 04/06/2	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90	789.90 789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204 04/06/2	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755232.63   3755212.63	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204 04/06/20 *** 16:19:54	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 2 OPERATIONS	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755212.63   ★ *** AERMOD -	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204 04/06/22 *** 16:19:54 PAGE 61	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 2 OPERATIONS	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48 
(METERS)	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204 04/06/22 *** 16:19:54 PAGE 61	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 2 OPERATIONS 2	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90	(METERS) 475373.48  789.90 789.90 789.90 789.90 789.90 789.90 789.90
(METERS)   3755332.63   3755312.63   3755292.63   3755272.63   3755232.63   3755212.63   ★ *** AERMOD -	789.90 789.90 789.90 789.90 789.90 789.90 789.90 VERSION 21112 *** VERSION 16216 ***	789.90 789.90 789.90 789.90 789.90 789.90 789.90 *** *** 204 04/06/22 *** 16:19:54 PAGE 61	475333.48 789.90 789.90 789.90 789.90 789.90 789.90 789.90 2 OPERATIONS 2	X-COORD 475353.48  789.90 789.90 789.90 789.90 789.90 789.90 7 TRUCK PM	(METERS) 475373.48  789.90 789.90 789.90 789.90 789.90 789.90 789.90

1 1 1 1111111 11111111111 1 1 1 111111 1111111111 1 1 1 1 1 1 1 1 1 1 1111111111 1 1 1 1 1 1 1 1 1 1 1 1 1 111111 1111111111 1111111111 1111111111 11111111111 1111111111 1111111111 1111111 1111111111 111111111 1111

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,

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

\*\*\* 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:19:54

PAGE 62

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

DATA \*\*\*

Surface file: PERI\_V9\_ADJU\PERI\_V9.SFC

Met Version: 16216

Profile file: PERI\_V9\_ADJU\PERI\_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

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 10 01 01 1 01 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61 1.00 1.30 335. 9.1 282.5 5.5 10 01 01 1 02 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.90 142. 9.1 280.9 5.5 1.00 10 01 01 1 03 -3.9 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61 0.90 324. 9.1 280.4 5.5 10 01 01 1 04 -1.3 0.064 -9.000 -9.000 -999. 39. 18.3 0.19 0.40 294. 9.1 278.8 5.5 10 01 01 1 05 -3.9 0.088 -9.000 -9.000 -999. 62. 15.0 0.19 0.90 205. 9.1 278.1 5.5 10 01 01 1 06 -1.3 0.065 -9.000 -9.000 -999. 39. 18.3 0.19 0.61 0.40 3. 9.1 277.0 5.5 1.00 10 01 01 1 07 -8.0 0.125 -9.000 -9.000 -999. 106. 21.0 0.19 0.61 1.30 99. 9.1 277.0 5.5 1.00 10 01 01 1 08 -3.3 0.086 -9.000 -9.000 -999. 61. 16.8 0.19 0.90 319. 9.1 278.8 5.5 10 01 01 1 09 20.1 0.128 0.307 0.010 49. 110. -9.0 0.19 0.90 239. 9.1 284.2 5.5 0.33 10 01 01 1 10 56.7 0.087 0.560 0.010 107. 62. -1.0 0.19 0.61 0.26 0.40 188. 9.1 289.2 5.5 10 01 01 1 11 81.5 0.323 0.867 0.008 277. 441. -35.9 0.19 0.61 2.70 310. 9.1 290.9 5.5 10 01 01 1 12 97.1 0.281 1.058 0.008 421. 357. -19.7 0.19 2.20 357. 9.1 293.1 5.5 10 01 01 1 13 92.2 0.279 1.117 0.008 523. 354. -20.4 0.19 0.22 2.20 356. 9.1 293.8 5.5 10 01 01 1 14 77.6 0.275 1.102 0.008 595. 347. -23.2 0.19 0.23 2.20 50. 9.1 294.2 5.5 10 01 01 1 15 54.9 0.230 1.006 0.008 640. 266. -19.2 0.19 0.27 1.80 53. 9.1 293.8 5.5 10 01 01 1 16 12.3 0.206 0.613 0.008 648. 225. -61.5 0.19 1.80 11. 9.1 292.5 5.5 0.36 10 01 01 1 17 -3.6 0.087 -9.000 -9.000 -999. 71. 15.6 0.19 0.61 0.90 351. 9.1 290.4 5.5 10 01 01 1 18 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 186. 9.1 287.5 5.5 10 01 01 1 19 -3.8 0.087 -9.000 -9.000 -999. 62. 15.2 0.19 0.90 275. 9.1 285.9 5.5 10 01 01 1 20 -1.2 0.064 -9.000 -9.000 -999. 39. 18.1 0.19 0.61 0.40 181. 9.1 285.4 5.5 1.00

10 01 01 1 21 -7.8 0.125 -9.000 -9.000 -999. 106. 21.3 0.19

10 01 01 1 22 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61

1.30 318. 9.1 284.9 5.5

1.00 0.90 196. 9.1 283.1 5.5

0.61

```
0.90 330. 9.1 281.4
                              5.5
10 01 01 1 24 -7.9 0.125 -9.000 -9.000 -999. 106. 21.2 0.19 0.61
1.00 1.30 332. 9.1 280.9 5.5
First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01 9.1 1 335. 1.30 -999.0 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                         04/06/22
*** AERMET - VERSION 16216 *** ***
                            16:19:54
                            PAGE 63
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004394 , L0004395
           , L0004397 , L0004398
, L0004396
                       , L0004400
                                   , L0004401 , L0004402 , L0004403
              L0004399
           , L0004405 , L0004406
, L0004404
                      , L0004408 , L0004409 , L0004410 , L0004411
              L0004407
, L0004412
                       , L0004414
           , L0004413
                      , L0004416
                                  , L0004417 , L0004418 , L0004419
              L0004415
, L0004420
          , L0004421
                            *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) |
               474691.04
                          474706.04 474721.04 474736.04 474751.04
474766.04 474781.04 474796.04
 3755633.62 | 0.03572
                                     0.03752 0.03845
                            0.03667
                                                             0.03949
0.04064 0.04186 0.04296
 3755618.62
                0.03170
                            0.03246 0.03320
                                                0.03394
                                                             0.03472
          0.03656
                     0.03704
0.03565
 3755603.62 | 0.02864 0.02927 0.02986 0.03048
                                                             0.03112
        0.03253 0.03272
0.03185
 3755588.62
                0.02616 0.02669 0.02717
                                                  0.02770
                                                             0.02824
```

10 01 01 1 23 -3.8 0.088 -9.000 -9.000 -999. 62. 15.1 0.19 0.61

```
0.02884 0.02936 0.02942
 3755573.62 | 0.02409 0.02453 0.02495 0.02541 0.02586
          0.02674
                    0.02674
0.02633
↑ *** AERMOD - VERSION 21112 ***
                              *** 2042 OPERATIONS - TRUCK PM
                             04/06/22
                   16216 *** ***
*** AERMET - VERSION
                   ***
                            16:19:54
                            PAGE 64
               RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                                            , L0004395
                            INCLUDING SOURCE(S): L0004394
           , L0004397
                       , L0004398
, L0004396
                       , L0004400
                                   , L0004401 , L0004402 , L0004403
             L0004399
           , L0004405
                       , L0004406
, L0004404
                                 , L0004409 , L0004410 , L0004411
              L0004407 , L0004408
           , L0004413
L0004412
                       , L0004414
                      , L0004416 , L0004417 , L0004418 , L0004419
              L0004415
, L0004420
          , L0004421
                             *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
   Y-COORD |
                                                    X-COORD (METERS)
   (METERS) | 474790.51 474805.51 474820.51
                                                474835.51
                                                           474850.51
474865.51 474880.51 474895.51
 3755606.07 | 0.03327 0.03352
                                      0.03405
                                                 0.03472
                                                             0.03560
0.03656 0.03759 0.03872
 3755591.07 | 0.02989 0.02999 0.03042 0.03095
                                                             0.03163
0.03234
        0.03309 0.03381
 3755576.07
                0.02715
                            0.02717 0.02756 0.02798
                                                             0.02855
          0.02968
                     0.03016
0.02911
 3755561.07 | 0.02488
                            0.02488
                                      0.02522 0.02559
                                                             0.02605
0.02651 0.02697
                      0.02740
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            16:19:54
                            PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
```

```
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                   INCLUDING SOURCE(S):
                                                            L0004394
                                                                         , L0004395
, L0004396
              , L0004397
                            , L0004398
                                                          , L0004402
                                                                         , L0004403
                 L0004399
                             , L0004400
                                            , L0004401
 L0004404
              , L0004405
                            , L0004406
                                            , L0004409
                                                          , L0004410
                                                                         , L0004411
                             , L0004408
                 L0004407
              , L0004413
                            , L0004414
 L0004412
                                            , L0004417
                 L0004415
                             , L0004416
                                                          , L0004418
                                                                         , L0004419
 L0004420
              , L0004421
                                    *** NETWORK ID: UCART3
                                                            ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
    Y-COORD
                                                               X-COORD (METERS)
    (METERS)
                   474800.90
  3755623.35
                     0.03891
                                   0.03976
  3755608.35
                     0.03403
                                   0.03451
↑ *** AERMOD - VERSION 21112
                                     *** 2042 OPERATIONS - TRUCK PM
                                    04/06/22
                                   ***
 *** AERMET - VERSION
                       16216 ***
                       ***
                                   16:19:54
                                   PAGE 66
                   RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                                                         , L0004395
                                   INCLUDING SOURCE(S):
                                                            L0004394
, L0004396
              , L0004397
                            , L0004398
                             , L0004400
                                                          , L0004402
                                            , L0004401
                                                                         , L0004403
                 L0004399
 L0004404
              , L0004405
                            , L0004406
                 L0004407
                             , L0004408
                                            , L0004409
                                                          , L0004410
                                                                         , L0004411
 L0004412
              , L0004413
                            , L0004414
                                            , L0004417
                 L0004415
                             , L0004416
                                                          , L0004418
                                                                         , L0004419
 L0004420
              , L0004421
                                    *** NETWORK ID: UCART4
                                                             ; NETWORK TYPE:
GRIDCART ***
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
                   **
   Y-COORD
                                                               X-COORD (METERS)
```

```
(METERS) | 474820.81 474835.81
 3755622.54
                   0.03975
                              0.04084
 3755607.54
                   0.03447
                               0.03516
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
                    16216 ***
*** AERMET - VERSION
                               16:19:54
                               PAGE 67
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S):
                                                     L0004394
                                                                 , L0004395
, L0004396
             , L0004397
                         , L0004398
                                       , L0004401     , L0004402
                         , L0004400
                                                                , L0004403
               L0004399
 L0004404
            , L0004405
                         , L0004406
                                       , L0004409
                                                   , L0004410
                         , L0004408
               L0004407
                                                                , L0004411
                         , L0004414
            , L0004413
 L0004412
                         , L0004416
                                       , L0004417 , L0004418 , L0004419
               L0004415
            , L0004421
 L0004420
                                *** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10
                                                       IN MICROGRAMS/M**3
   Y-COORD
                                                         X-COORD (METERS)
   (METERS)
                           474853.93
                474838.93
                   0.03796
 3755615.41 |
                               0.03903
 3755600.41
              0.03337
                               0.03417
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
                              ***
*** AERMET - VERSION 16216 ***
                               16:19:54
                               PAGE 68
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0004394 , L0004395
, L0004396 , L0004397 , L0004398
```

```
, L0004400
                                         , L0004401 , L0004402 , L0004403
                L0004399
, L0004404
             , L0004405
                          , L0004406
                           , L0004408
                                         , L0004409
                L0004407
                                                      , L0004410
                                                                    , L0004411
             , L0004413
                          , L0004414
 L0004412
                                         , L0004417
                                                      , L0004418
                L0004415
                          , L0004416
                                                                    , L0004419
, L0004420
             , L0004421
                                 *** NETWORK ID: UCART6
                                                        ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
                  **
   Y-COORD
                                                           X-COORD (METERS)
   (METERS)
                  474857.73
                             474872.73
                   0.03783
 3755611.53
                                0.03898
 3755596.53
                    0.03332
                                0.03415
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 ***
                                16:19:54
                                PAGE 69
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004394
                                                                    , L0004395
, L0004396
                           , L0004398
             , L0004397
                          , L0004400
                                                     , L0004402
                                         , L0004401
                L0004399
                                                                   , L0004403
 L0004404
             , L0004405
                          , L0004406
                                        , L0004409
                           , L0004408
                                                      , L0004410
                                                                    , L0004411
                L0004407
                          , L0004414
, L0004412
             , L0004413
                          , L0004416
                                         , L0004417
                L0004415
                                                      , L0004418
                                                                    . L0004419
 L0004420
             , L0004421
                                 *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                        IN MICROGRAMS/M**3
   Y-COORD |
                                                           X-COORD (METERS)
                  475108.79 475128.79 475148.79
                                                       475168.79
                                                                  475188.79
   (METERS)
475208.79
            475228.79
                        475248.79
                                     475268.79
```

```
3755333.70 | 0.01299 0.01304
                                                  0.01320
                                                             0.01331
                                       0.01310
0.01342 0.01352 0.01365
                               0.01379
 3755313.70 0.01226 0.01230
                                       0.01236
                                                  0.01244
                                                             0.01254
           0.01271 0.01280 0.01289
0.01263
 3755293.70 0.01161 0.01165
                                                  0.01177
                                                             0.01185
                                       0.01170
0.01193
           0.01200
                      0.01206
                              0.01213
 3755273.70
                0.01103 0.01107
                                       0.01111
                                                  0.01116
                                                             0.01123
           0.01136
                  0.01142 0.01149
0.01130
                                                  0.01062
 3755253.70
                 0.01050 0.01053
                                       0.01058
                                                             0.01068
0.01074
           0.01080
                      0.01086
                                 0.01092
 3755233.70
                 0.01001
                            0.01005
                                       0.01009
                                                  0.01013
                                                             0.01018
           0.01029 0.01034 0.01040
0.01023
 3755213.70
                0.00956
                            0.00960
                                       0.00965
                                                  0.00969
                                                             0.00972
0.00977
           0.00982
                      0.00988 0.00993
                 0.00916
                            0.00920
                                                  0.00928
                                                             0.00931
 3755193.70
                                       0.00924
0.00935
          0.00940 0.00944
                               0.00948
 3755173.70 | 0.00879 0.00883
                                       0.00887
                                                  0.00890
                                                             0.00892
         0.00900 0.00904 0.00908
0.00896
 3755153.70 0.00845 0.00848
                                       0.00851
                                                  0.00854
                                                             0.00857
0.00860
       0.00863
                   0.00867 0.00870
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 ***
                            16:19:54
                            PAGE 70
*** MODELOPTs:
               RegDFAULT CONC ELEV URBAN ADJ U*
                         *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004394
                                                           , L0004395
, L0004396
           , L0004397
                       , L0004398
                       , L0004400
              L0004399
                                  , L0004401        , L0004402
                                                           , L0004403
           , L0004405
                       , L0004406
 L0004404
                                 , L0004409
                       , L0004408
                                              , L0004410
                                                          , L0004411
              L0004407
           , L0004413
                       , L0004414
 L0004412
                       , L0004416
                                  , L0004417
                                               , L0004418
              L0004415
                                                           , L0004419
, L0004420
           , L0004421
                             *** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10
                                                 IN MICROGRAMS/M**3
                                                   X-COORD (METERS)
   Y-COORD
   (METERS)
               475288.79
```

```
3755313.70
                  0.01297
 3755293.70
                  0.01220
 3755273.70
                  0.01155
 3755253.70
                  0.01098
 3755233.70 l
                  0.01045
 3755213.70
                  0.00997
 3755193.70
                  0.00952
 3755173.70
                  0.00911
 3755153.70
                   0.00873
                           *** *** 2042 OPERATIONS - TRUCK PM
★ *** AERMOD - VERSION 21112
                               04/06/22
                    16216 ***
                               ***
*** AERMET - VERSION
                    ***
                              16:19:54
                              PAGE 71
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                           *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S):
                                                   L0004394
                                                                , L0004395
, L0004396
            , L0004397
                         , L0004398
                        , L0004400
                                      , L0004401 , L0004402
               L0004399
                                                                , L0004403
                         , L0004406
, L0004404
            , L0004405
                         , L0004408
                                                  , L0004410
               L0004407
                                     , L0004409
                                                               , L0004411
 L0004412
            , L0004413
                         , L0004414
                                      , L0004417
                                                                , L0004419
                                                   , L0004418
               L0004415
                         , L0004416
            , L0004421
 L0004420
                               *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10
                                                      IN MICROGRAMS/M**3
                 **
   Y-COORD
                                                        X-COORD (METERS)
   (METERS) | 475151.63 475171.63 475191.63
                                                    475211.63
                                                                475231.63
           475271.63
                     475291.63
                                   475311.63
 3755398.30
                  0.01656 0.01671
                                          0.01683
                                                      0.01697
                                                                  0.01715
                                   0.01754
            0.01740
                        0.01748
 3755378.30
                 0.01534 0.01545
                                          0.01555
                                                      0.01567
                                                                  0.01585
            0.01613
                        0.01619
                                  0.01624
0.01601
                 0.01427
 3755358.30
                              0.01437
                                          0.01444
                                                      0.01456
                                                                  0.01472
0.01488
            0.01502
                        0.01508
                                    0.01511
 3755338.30 | 0.01331
                              0.01341
                                          0.01352
                                                      0.01363
                                                                  0.01374
                                 0.01411
0.01388
            0.01402 0.01410
```

3755333.70

0.01387

```
↑ *** AERMOD - VERSION 21112 ***
                                  *** 2042 OPERATIONS - TRUCK PM
                                    04/06/22
                       16216 ***
 *** AERMET - VERSION
                                  16:19:54
                                  PAGE 72
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0004394
                                                                       , L0004395
, L0004396
              , L0004397
                            , L0004398
                            , L0004400
                                           , L0004401
                                                         , L0004402
                 L0004399
                                                                       , L0004403
                            , L0004406
              , L0004405
 L0004404
                           , L0004408
                 L0004407
                                           , L0004409
                                                         , L0004410
                                                                       , L0004411
              , L0004413
 L0004412
                            , L0004414
                 L0004415
                            , L0004416
                                           , L0004417
                                                         , L0004418
                                                                       , L0004419
, L0004420
              , L0004421
                                   *** NETWORK ID: UCART8
                                                            ; NETWORK TYPE:
GRIDCART ***
                                        ** CONC OF PM 10
                                                            IN MICROGRAMS/M**3
    Y-COORD
                                                              X-COORD (METERS)
    (METERS)
                   475331.63
                                475351.63
                                             475371.63
                                               0.01770
  3755398.30 l
                     0.01760
                                  0.01766
  3755378.30
                                               0.01638
                     0.01628
                                  0.01632
  3755358.30
                     0.01514
                                  0.01518
                                               0.01524
  3755338.30
                     0.01413
                                  0.01418
                                               0.01425
★ *** AERMOD - VERSION 21112
                                    *** 2042 OPERATIONS - TRUCK PM
                                   04/06/22
                       16216 ***
                                   ***
 *** AERMET - VERSION
                                  16:19:54
                                  PAGE 73
 *** MODELOPTs:
                   RegDFAULT CONC ELEV URBAN ADJ_U*
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
                                                           L0004394
                                                                       , L0004395
, L0004396
              , L0004397
                            , L0004398
                                                         , L0004402
                 L0004399
                            , L0004400
                                           , L0004401
                                                                       , L0004403
              , L0004405
 L0004404
                            , L0004406
                            , L0004408
                                           , L0004409
                                                         , L0004410
                                                                       , L0004411
                 L0004407
, L0004412
              , L0004413
                            , L0004414
```

```
L0004415 , L0004416 , L0004417 , L0004418 , L0004419
, L0004420 , L0004421
                            *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM_10 IN MICROGRAMS/M**3
   Y-COORD |
                                                   X-COORD (METERS)
   (METERS) 475185.62 475205.62 475225.62 475245.62 475265.62
475285.62 475305.62 475325.62 475345.62
 3755444.04 | 0.02029 0.02053 0.02077 0.02100
                                                            0.02120
0.02137 0.02149 0.02160 0.02167
 3755424.04 | 0.01861 0.01881 0.01899 0.01918
                                                            0.01933
0.01946 0.01956 0.01964 0.01970
 3755404.04 | 0.01717 0.01731 0.01748 0.01765
                                                            0.01777
0.01786 0.01794 0.01800 0.01805
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                            04/06/22
*** AERMET - VERSION 16216 *** ***
                   ***
                            16:19:54
                            PAGE 74
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*
                        *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0004394 , L0004395
           , L0004397 , L0004398
, L0004396
             L0004399 , L0004400 , L0004401 , L0004402 , L0004403
, L0004404
          , L0004405 , L0004406
             L0004407 , L0004408 , L0004409 , L0004410 , L0004411
, L0004412      , L0004413
                      , L0004414
             L0004415
                      , L0004416 , L0004417 , L0004418 , L0004419
, L0004420 , L0004421
                      , . . .
                             *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
                                                   X-COORD (METERS)
   Y-COORD
   (METERS) | 475365.62
```

```
3755444.04
                 0.02172
 3755424.04
                  0.01976
 3755404.04
                  0.01811
★ *** AERMOD - VERSION 21112
                          *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              16:19:54
                              PAGE 75
                RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                          *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0004394 , L0004395
, L0004396
            , L0004397
                         , L0004398
                        , L0004400     , L0004401     , L0004402
              L0004399
                                                              , L0004403
, L0004404
            , L0004405
                        , L0004406
              L0004407
                        , L0004408      , L0004409      , L0004410
                                                              , L0004411
 L0004412
           , L0004413
                        , L0004414
                                     , L0004417
              L0004415
                         , L0004416
                                                 , L0004418 , L0004419
 L0004420
            , L0004421
                               *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                       X-COORD (METERS)
   (METERS)
               475230.47 475250.47 475270.47 475290.47 475310.47
475330.47 475350.47
                                                    0.02773
 3755490.18 0.02665 0.02706 0.02742
                                                                 0.02799
0.02815 0.02827
 3755470.18
                 0.02376 0.02406
                                     0.02434 0.02456
                                                                 0.02475
0.02488
            0.02496
 3755450.18
                            0.02169
                                        0.02190
                                                     0.02207
                                                                 0.02220
                  0.02145
0.02230
            0.02237
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                               ***
                              16:19:54
                              PAGE 76
                RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
```

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

```
***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004394
                                                                    L0004395
, L0004396
             , L0004397
                          , L0004398
                          , L0004400
                                         , L0004401
                L0004399
                                                      , L0004402
                                                                    , L0004403
             , L0004405
 L0004404
                          , L0004406
                          , L0004408
                L0004407
                                         , L0004409
                                                      , L0004410
                                                                    , L0004411
             , L0004413
                          , L0004414
 L0004412
                           , L0004416
                                         , L0004417
                                                      , L0004418
                L0004415
                                                                    , L0004419
             , L0004421
 L0004420
                                 *** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                           X-COORD (METERS)
    (METERS)
                  475254.84
                             475274.84 475294.84 475314.84
                                                                    475334.84
  3755513.80
                    0.03203
                                0.03256
                                             0.03299
                                                         0.03332
                                                                      0.03352
  3755493.80
                    0.02780
                                0.02817
                                             0.02848
                                                          0.02873
                                                                      0.02888
↑ *** AERMOD - VERSION 21112
                                 *** 2042 OPERATIONS - TRUCK PM
                                  04/06/22
                                 ***
 *** AERMET - VERSION 16216 ***
                                16:19:54
                                PAGE 77
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004394
                                                                    , L0004395
, L0004396
             , L0004397
                           , L0004398
                          , L0004400
                                         , L0004401 , L0004402
                L0004399
                                                                   , L0004403
             , L0004405
                          , L0004406
 L0004404
                          , L0004408
                                                      , L0004410
                L0004407
                                         , L0004409
                                                                   , L0004411
, L0004412
             , L0004413
                           , L0004414
                           , L0004416
                                        , L0004417
                                                      , L0004418
                                                                    . L0004419
                L0004415
, L0004420
             , L0004421
                                 *** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
   Y-COORD
                                                           X-COORD (METERS)
    (METERS)
                  475293.48 475313.48 475333.48
                                                      475353.48
                                                                    475373,48
```

3755332.63 0.01383 0.01385 0.01387 0.01393 0.01399 3755312.63 0.01294 0.01298 0.01303 0.01310 0.01316 3755292.63 0.01218 0.01224 0.01230 0.01236 0.01241 3755272.63 l 0.01154 0.01160 0.01165 0.01171 0.01174 3755252.63 | 0.01096 0.01101 0.01106 0.01110 0.01113 3755232.63 0.01048 0.01052 0.01058 0.01044 0.01055 3755212.63 0.00995 0.00999 0.01002 0.01005 0.01007 ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:19:54 PAGE 78 RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* MODELOPTs: \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\* INCLUDING SOURCE(S): L0004394 , L0004395 , L0004396 , L0004397 , L0004398 , L0004400 , L0004402 L0004399 , L0004401 , L0004403 L0004404 , L0004405 , L0004406 , L0004408 , L0004409 L0004407 , L0004410 , L0004411 , L0004414 L0004412 , L0004413 , L0004417 L0004415 , L0004416 , L0004418 , L0004419 , L0004420 , L0004421 \*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD | X-COORD (METERS) (METERS) | 474691.04 474706.04 474721.04 474736.04 474751.04 0.09092 (11091107) 3755633.6 0.08463 (11091107) 0.08785 (11091107) 0.09423 (11091107) 0.09781 (11091107) 0.07386 (11091107) 0.07639 (11091107) 0.07137 (11091107) 0.07899 (11091107) 0.08172 (11091107) 0.06464 (16062006) 3755603.6 0.06328 (16062006) 0.06592 (16062006) 0.06958 (11091107) 0.06739 (11091107) 3755588.6 0.05792 (16062006) 0.05904 (16062006) 0.06010 (16062006)

0.06242 (16062006)

0.05342 (16062006) 0.05436 (16062006)

0.05528 (16062006)

0.06124 (16062006)

3755573.6

```
0.05626 (16062006)
                       0.05724 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                                16:19:54
                                PAGE 79
                  RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                                                   , L0004395
                                INCLUDING SOURCE(S):
                                                       L0004394
, L0004396
             , L0004397
                          , L0004398
                          , L0004400
                                                                   , L0004403
                L0004399
                                        , L0004401 , L0004402
             , L0004405
                          , L0004406
 L0004404
                          , L0004408
               L0004407
                                         , L0004409
                                                     , L0004410
                                                                   , L0004411
 L0004412
             , L0004413
                          , L0004414
                          , L0004416
                                        , L0004417
                L0004415
                                                     , L0004418
                                                                   , L0004419
             , L0004421
 L0004420
                                 *** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                          X-COORD (METERS)
  (METERS)
                 474766.04
                                        474781.04
                                                               474796.04
                3755633.6
                                                              0.10969 (11091107)
                0.08481 (11091107)
                                     0.08793 (11091107)
0.07432 (11091107)
                                                              0.09005 (11091107)
3755618.6
3755603.6
                0.07196 (11091107)
                                                              0.07582 (11091107)
                 0.06369 (16062006)
                                       0.06485 (16062006)
                                                              0.06524 (16062006)
3755588.6
                0.05826 (16062006)
                                      0.05919 (16062006)
                                                              0.05945 (16062006)
3755573.6
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                  04/06/22
*** AERMET - VERSION 16216 ***
                                 ***
                                16:19:54
                                PAGE 80
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S): L0004394
                                                                   , L0004395
, L0004396
             , L0004397
                          , L0004398
                L0004399
                          , L0004400
                                        , L0004401 , L0004402 , L0004403
, L0004404
             , L0004405
                          , L0004406
```

```
L0004407 , L0004408 , L0004409 , L0004410 , L0004411
, L0004412
            , L0004413
                         , L0004414
                         , L0004416
               L0004415
                                      , L0004417 , L0004418 , L0004419
. L0004420
            , L0004421
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD
                                                        X-COORD (METERS)
  (METERS)
                474790.51
                                      474805.51
                                                            474820.51
     474835.51
                    474850.51
                0.07734 (11091107) 0.07880 (11091107) 0.08081 (11091107)
 3755606.1
                          0.08602 (11091107)
    0.08313 (11091107)
 3755591.1
                0.06619 (11091107)
                                      0.06734 (11091107) 0.06902 (11091107)
    0.07091 (11091107)
                          0.07314 (11091107)
 3755576.1 |
                0.06024 (16062006)
                                     0.06047 (16062006)
                                                          0.06135 (16062006)
                          0.06350 (16062006)
    0.06229 (16062006)
 3755561.1
                0.05532 (16062006)
                                      0.05551 (16062006) 0.05627 (16062006)
                          0.05810 (16062006)
    0.05709 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                      ***
                               04/06/22
 *** AERMET - VERSION 16216 ***
                     ***
                              16:19:54
                              PAGE 81
 *** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ U*
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                              INCLUDING SOURCE(S): L0004394 , L0004395
, L0004396
             , L0004397
                         , L0004398
                        , L0004400
               L0004399
                                      , L0004401 , L0004402 , L0004403
, L0004404
            , L0004405
                        , L0004406
                         , L0004408
                                     , L0004409
                                                  , L0004410
               L0004407
                                                               , L0004411
, L0004412
            , L0004413
                         , L0004414
                         , L0004416
                                    , L0004417 , L0004418 , L0004419
               L0004415
, L0004420
            , L0004421
                         , . . .
                               *** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM_10 IN MICROGRAMS/M**3
```

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```
Y-COORD
                                                                          X-COORD (METERS)
  (METERS) | 474865.51 474880.51
                                                                                474895.51

      0.08918 (11091107)
      0.09253 (11091107)
      0.09622 (11091107)

      0.07547 (11091107)
      0.07792 (11091107)
      0.08034 (11091107)

      0.06505 (11091107)
      0.06693 (11091107)
      0.06865 (11091107)

      0.05910 (16062006)
      0.06010 (16062006)
      0.06104 (16062006)

 3755606.1
 3755591.1
 3755576.1
 3755561.1
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                       04/06/22
 *** AERMET - VERSION 16216 *** ***
                           ***
                                       16:19:54
                                        PAGE 82
                      RegDFAULT CONC ELEV URBAN ADJ U*
 *** MODELOPTs:
                                   *** THE
                                               1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                         ***
VALUES FOR SOURCE GROUP: ALL
                                        INCLUDING SOURCE(S): L0004394 , L0004395
                , L0004397
, L0004396
                                , L0004398
                                , L0004400 , L0004401 , L0004402 , L0004403
                    L0004399
                , L0004405 , L0004406 , L0004407 , L0004408 , L0004409 , L0004410 , L0004411
, L0004404
              , L0004413     , L0004414
, L0004412
                   L0004415
                                 , L0004416 , L0004417 , L0004418 , L0004419
, L0004420     , L0004421     ,    . .
                                         *** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***
                                                ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD
                                                                          X-COORD (METERS)
  (METERS)
                 474800.90
                                                  474815.90

      3755623.3 |
      0.09636 (11091107)
      0.09934 (11091107)

      3755608.3 |
      0.08033 (11091107)
      0.08224 (11091107)

★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                    04/06/22
 *** AERMET - VERSION 16216 *** ***
                                        16:19:54
                                        PAGE 83
 *** MODELOPTs:
                      RegDFAULT CONC ELEV URBAN ADJ_U*
                                    *** THE
```

1ST HIGHEST 1-HR AVERAGE CONCENTRATION

```
***
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0004394
                                                                    L0004395
                          , L0004398
, L0004396
             , L0004397
                          , L0004400
                                          , L0004401
                L0004399
                                                      , L0004402
                                                                     , L0004403
             , L0004405
 L0004404
                          , L0004406
                          , L0004408
                L0004407
                                         , L0004409
                                                      , L0004410
                                                                     , L0004411
             , L0004413
                          , L0004414
 L0004412
                           , L0004416
                                         , L0004417
                L0004415
                                                      , L0004418
                                                                    , L0004419
, L0004420
             , L0004421
                                  *** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                 474820.81
                                         474835.81
                 0.09933 (11091107)0.10299 (11091107)0.08217 (11091107)0.08455 (11091107)
 3755622.5
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                 04/06/22
 *** AERMET - VERSION 16216 ***
                                ***
                                 16:19:54
                                 PAGE 84
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0004394
                                                                     , L0004395
, L0004396
                          , L0004398
             , L0004397
                          , L0004400
                                         , L0004401 , L0004402 , L0004403
                L0004399
             , L0004405
 L0004404
                          , L0004406
                                                      , L0004410
                          , L0004408
                                       , L0004409
                L0004407
                                                                    , L0004411
, L0004412
             , L0004413
                          , L0004414
                           , L0004416
                                        , L0004417        , L0004418
                                                                    . L0004419
                L0004415
, L0004420
             , L0004421
                                  *** NETWORK ID: UCART5
                                                        ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
  Y-COORD |
                                                            X-COORD (METERS)
  (METERS)
                 474838.93
                                         474853.93
```

```
3755615.4 | 0.09367 (11091107) 0.09722 (11091107)
3755600.4 | 0.07873 (11091107) 0.08137 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                 04/06/22
*** AERMET - VERSION 16216 *** ***
                                 16:19:54
                                 PAGE 85
                  RegDFAULT CONC ELEV URBAN ADJ_U*
 *** MODELOPTs:
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                 INCLUDING SOURCE(S): L0004394
                                                                     , L0004395
                         , L0004398
, L0004396
            , L0004397
                L0004399 , L0004400 , L0004401 , L0004402 , L0004403
             , L0004405 , L0004406 , L0004407 , L0004408 , L0004409 , L0004410 , L0004411
L0004404
, L0004412
            , L0004413
                          , L0004414
                          , L0004416 , L0004417 , L0004418 , L0004419
                L0004415
. L0004420 , L0004421 , . . .
                                  *** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS) | 474857.73
                                        474872.73
3755611.5 | 0.09331 (11091107) 0.09706 (11091107)
3755596.5 | 0.07864 (11091107) 0.08135 (11091107)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                                04/06/22
 *** AERMET - VERSION 16216 *** ***
                                16:19:54
                      ***
                                 PAGE 86
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0004394 , L0004395
                          , L0004398
. L0004396
             , L0004397
                          , L0004400 , L0004401 , L0004402 , L0004403
                L0004399
```

```
, L0004404 , L0004405 , L0004406
                                     , L0004409
              L0004407
                        , L0004408
                                                , L0004410 , L0004411
 L0004412
            , L0004413
                       , L0004414
                       , L0004416
                                     , L0004417 , L0004418
              L0004415
                                                             . L0004419
            , L0004421
L0004420
                              *** NETWORK ID: UCART7 : NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
                **
 Y-COORD |
                                                     X-COORD (METERS)
 (METERS) | 475108.79
                                    475128.79
                                                         475148.79
     475168.79
                         475188.79
3755333.7 | 0.02893 (16062006) 0.02907 (16062006) 0.02923 (16062006)
    0.02943 (16062006)
                        0.02964 (16062006)
               0.02731 (16062006) 0.02744 (16062006) 0.02758 (16062006)
3755313.7
    0.02775 (16062006) 0.02793 (16062006)
3755293.7
               0.02586 (16062006)
                                    0.02598 (16062006) 0.02610 (16062006)
                        0.02640 (16062006)
    0.02624 (16062006)
               0.02457 (16062006)
                                    0.02466 (16062006) 0.02477 (16062006)
3755273.7
    0.02489 (16062006) 0.02502 (16062006)
3755253.7
               0.02337 (16062006)
                                   0.02347 (16062006)
                                                       0.02357 (16062006)
    0.02367 (16062006)
                        0.02378 (16062006)
3755233.7
               0.02228 (16062006)
                                    0.02237 (16062006) 0.02247 (16062006)
    0.02256 (16062006)
                      0.02265 (16062006)
               0.02127 (16062006) 0.02137 (16062006)
                                                       0.02146 (16062006)
3755213.7
                        0.02163 (16062006)
    0.02155 (16062006)
               0.02036 (16062006)
                                   0.02045 (16062006) 0.02054 (16062006)
3755193.7
    0.02062 (16062006)
                        0.02069 (16062006)
                                   0.01960 (16062006) 0.01968 (16062006)
               0.01952 (16062006)
                        0.01981 (16062006)
    0.01975 (16062006)
                                   0.01874 (16062006)
    0.01894 (16062006) 0.01900 (16062006)
 *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                             16:19:54
                             PAGE 87
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             ***
                             INCLUDING SOURCE(S): L0004394 , L0004395
, L0004396 , L0004397 , L0004398
```

```
, L0004400
                                                      , L0004402
                L0004399
                                          , L0004401
                                                                    , L0004403
, L0004404
             , L0004405
                           , L0004406
                L0004407
                            , L0004408
                                           L0004409
                                                       , L0004410
                                                                     , L0004411
 L0004412
             . L0004413
                           , L0004414
                           , L0004416
                                          , L0004417
                                                                     , L0004419
                L0004415
                                                        , L0004418
             , L0004421
 L0004420
                                  *** NETWORK ID: UCART7
                                                         ; NETWORK TYPE:
GRIDCART ***
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
                  **
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS) |
                  475208.79
                                          475228.79
                                                                 475248.79
     475268.79
                             475288.79
                 0.02985 (16062006)
                                         0.03004 (16062006)
                                                                0.03026 (16062006)
3755333.7
    0.03049 (16062006)
                            0.03063 (16062006)
3755313.7 |
                 0.02811 (16062006)
                                         0.02826 (16062006)
                                                                0.02842 (16062006)
                            0.02872 (16062006)
    0.02859 (16062006)
3755293.7
                 0.02655 (16062006)
                                                                0.02681 (16062006)
                                         0.02668 (16062006)
                            0.02706 (16062006)
    0.02694 (16062006)
3755273.7
                 0.02515 (16062006)
                                         0.02527 (16062006)
                                                                0.02539 (16062006)
    0.02550 (16062006)
                            0.02562 (16062006)
                 0.02390 (16062006)
                                         0.02401 (16062006)
                                                                0.02411 (16062006)
3755253.7
    0.02422 (16062006)
                            0.02432 (16062006)
                 0.02275 (16062006)
                                                                0.02296 (16062006)
                                         0.02286 (16062006)
                            0.02314 (16062006)
    0.02305 (16062006)
                                                                0.02190 (16062006)
3755213.7
                 0.02172 (16062006)
                                         0.02181 (16062006)
                            0.02206 (16062006)
    0.02199 (16062006)
3755193.7
                 0.02076 (16062006)
                                         0.02085 (16062006)
                                                                0.02093 (16062006)
                            0.02106 (16062006)
    0.02100 (16062006)
3755173.7
                 0.01988 (16062006)
                                         0.01995 (16062006)
                                                                0.02002 (16062006)
    0.02008 (16062006)
                            0.02014 (16062006)
3755153.7
                 0.01906 (16062006)
                                         0.01912 (16062006) 0.01918 (16062006)
                            0.01929 (16062006)
    0.01924 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                        ***
                                  04/06/22
                                  ***
 *** AERMET - VERSION 16216 ***
                      ***
                                 16:19:54
                                 PAGE 88
*** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0004394
                                                                     , L0004395
```

```
, L0004397 , L0004398
, L0004396
                                     , L0004401
                                                , L0004402 , L0004403
              L0004399
                        , L0004400
 L0004404
            , L0004405
                       , L0004406
                       , L0004408
                                     , L0004409
                                                , L0004410
                                                             , L0004411
              L0004407
            , L0004413
L0004412
                       , L0004414
              L0004415
                       , L0004416
                                     , L0004417 , L0004418
                                                             , L0004419
           , L0004421
, L0004420
                             *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                  ** CONC OF PM_10 IN MICROGRAMS/M**3
 Y-COORD
                                                     X-COORD (METERS)
 (METERS) | 475151.63
                                    475171.63
                                                         475191.63
     475211.63
                        475231.63
               3755398.3
    0.03749 (16062006) 0.03782 (16062006)
               0.03403 (16062006) 0.03427 (16062006) 0.03448 (16062006)
3755378.3 l
                        0.03504 (16062006)
    0.03473 (16062006)
                                    0.03194 (16062006) 0.03212 (16062006)
3755358.3
               0.03173 (16062006)
    0.03235 (16062006)
                        0.03263 (16062006)
3755338.3
               0.02969 (16062006)
                                   0.02989 (16062006) 0.03010 (16062006)
    0.03031 (16062006) 0.03051 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 ***
                             16:19:54
                             PAGE 89
                RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                         *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0004394
                                                             , L0004395
, L0004396
            , L0004397
                       , L0004398
                      , L0004400
              L0004399
                                  , L0004401 , L0004402 , L0004403
            , L0004405
                       , L0004406
, L0004404
                       , L0004408
                                  , L0004409     , L0004410
                                                           , L0004411
              L0004407
, L0004412
           , L0004413
                       , L0004414
                       , L0004416 , L0004417 , L0004418 , L0004419
              L0004415
, L0004420
          , L0004421
                              *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
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Y-COORD |
                                                          X-COORD (METERS)
 (METERS) | 475251.63
                                        475271.63
                                                              475291.63
     475311.63
                    475331.63
3755398.3 | 0.03810 (16062006) 0.03831 (16062006) 0.03848 (16062006)
    3755378.3
    0.03580 (16062006) 0.03589 (16062006)
                0.03290 (16062006) 0.03312 (16062006) 0.03325 (16062006)
    0.03333 (16062006) 0.03341 (16062006)
                0.03075 (16062006) 0.03098 (16062006) 0.03111 (16062006)
3755338.3
    0.03117 (16062006) 0.03123 (16062006)
♠ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                              04/06/22
*** AERMET - VERSION 16216 *** ***
                     ***
                               16:19:54
                               PAGE 90
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
                            *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                               INCLUDING SOURCE(S): L0004394 , L0004395
             , L0004397 , L0004398
, L0004396
                         , L0004400
                                       , L0004401 , L0004402 , L0004403
               L0004399
, L0004404 , L0004405 , L0004406
              L0004407 , L0004408 , L0004409 , L0004410
                                                                 , L0004411
 L0004412 , L0004413
                         , L0004414
               L0004415 , L0004416 , L0004417 , L0004418 , L0004419
, L0004420 , L0004421
                                *** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                          X-COORD (METERS)
  (METERS)
                475351.63
                                      475371.63

      3755398.3 |
      0.03886 (16062006)
      0.03896 (16062006)

      3755378.3 |
      0.03598 (16062006)
      0.03608 (16062006)

      3755358.3 |
      0.03350 (16062006)
      0.03360 (16062006)
```

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3755338.3 | 0.03132 (16062006) 0.03143 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 ***
                             ***
                              16:19:54
                              PAGE 91
*** MODELOPTs:
                 RegDFAULT CONC ELEV URBAN ADJ_U*
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                                                                , L0004395
                              INCLUDING SOURCE(S):
                                                   L0004394
, L0004396
            , L0004397
                        , L0004398
                                      , L0004401 , L0004402
                                                              , L0004403
              L0004399 , L0004400
                        , L0004406
 L0004404
           , L0004405
                                      , L0004409 , L0004410 , L0004411
                         , L0004408
              L0004407
                        , L0004414
 L0004412
           , L0004413
                        , L0004416
                                   , L0004417 , L0004418 , L0004419
               L0004415
            , L0004421
 L0004420
                        , . . .
                               *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                       X-COORD (METERS)
  (METERS) |
                 475185.62
                                      475205.62
                                                            475225.62
     475245.62
                          475265.62
3755444.0 | 0.04479 (16062006) 0.04527 (16062006) 0.04573 (16062006)
    0.04617 (16062006)
                         0.04655 (16062006)
                                    0.04149 (16062006) 0.04186 (16062006)
                0.04110 (16062006)
                         0.04251 (16062006)
    0.04221 (16062006)
                                    0.03825 (16062006) 0.03857 (16062006)
                0.03796 (16062006)
    0.03889 (16062006) 0.03913 (16062006)
★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                              16:19:54
                              PAGE 92
                 RegDFAULT CONC ELEV URBAN ADJ_U*
*** MODELOPTs:
                           *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0004394 , L0004395
, L0004396 , L0004397 , L0004398
```

```
, L0004400
                                         , L0004401
                                                     , L0004402 , L0004403
                L0004399
, L0004404
             , L0004405
                          , L0004406
                          , L0004408
                                         , L0004409
                L0004407
                                                      , L0004410
                                                                    , L0004411
             , L0004413
                          , L0004414
 L0004412
                          , L0004416
                                         , L0004417
                                                      , L0004418
                                                                    , L0004419
                L0004415
 L0004420
             , L0004421
                                 *** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
                  **
  Y-COORD |
                                                           X-COORD (METERS)
  (METERS)
                  475285.62
                                         475305.62
                                                                475325.62
     475345.62
                            475365.62
 3755444.0
                 0.04687 (16062006)
                                        0.04713 (16062006)
                                                          0.04735 (16062006)
    0.04751 (16062006)
                           0.04762 (16062006)
                 0.04276 (16062006)
 3755424.0
                                        0.04297 (16062006)
                                                              0.04315 (16062006)
                           0.04339 (16062006)
    0.04328 (16062006)
 3755404.0
                 0.03932 (16062006)
                                        0.03949 (16062006) 0.03962 (16062006)
                           0.03984 (16062006)
    0.03973 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                        ***
                                 04/06/22
                     16216 ***
 *** AERMET - VERSION
                      ***
                                16:19:54
                                PAGE 93
 *** MODELOPTs:
                  RegDFAULT CONC ELEV URBAN ADJ U*
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                       L0004394
                                                                    , L0004395
, L0004396
             , L0004397
                          , L0004398
                          , L0004400
                                         , L0004401 , L0004402
                L0004399
                                                                    , L0004403
, L0004404
             , L0004405
                          , L0004406
                          , L0004408
                                        , L0004409
                                                     , L0004410
                L0004407
                                                                    , L0004411
, L0004412
             , L0004413
                          , L0004414
                                        , L0004417
                          , L0004416
                                                                    , L0004419
                L0004415
                                                     , L0004418
, L0004420
             , L0004421
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
```

\*\* CONC OF PM\_10

IN MICROGRAMS/M\*\*3

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```
Y-COORD
                                                            X-COORD (METERS)
  (METERS) 475230.47 475250.47
                                                                 475270.47
     475290.47
                           475310.47
3755490.2 | 0.05859 (11091107) 0.06024 (11091107) 0.06174 (11091107)
    0.06309 (11091107) 0.06427 (11091107)
                 0.05220 (16062006)
                                        0.05278 (16062006) 0.05330 (16062006)
3755470.2
                           0.05410 (16062006)
    0.05374 (16062006)
3755450.2
                                        0.04765 (16062006) 0.04805 (16062006)
                 0.04719 (16062006)
    0.04838 (16062006) 0.04864 (16062006)
↑ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                       ***
                               04/06/22
*** AERMET - VERSION 16216 *** ***
                                 16:19:54
                                 PAGE 94
                  RegDFAULT CONC ELEV URBAN ADJ U*
*** MODELOPTs:
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                 ***
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S): L0004394 , L0004395
             , L0004397 , L0004398
, L0004396
                                        , L0004401 , L0004402 , L0004403
                L0004399 , L0004400
, L0004404
            L0004407 , L0004408 , L0004409 , L0004410 , L0004411
, L0004412
            , L0004413
                          , L0004414
                L0004415 , L0004416 , L0004417 , L0004418 , L0004419
, L0004420
            , L0004421
                                 *** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
 Y-COORD |
                                                            X-COORD (METERS)
  (METERS) | 475330.47
                                475350.47

      3755490.2 |
      0.06525 (11091107)
      0.06602 (11091107)

      3755470.2 |
      0.05468 (11091107)
      0.05539 (11091107)

      3755450.2 |
      0.04886 (16062006)
      0.04901 (16062006)

★ *** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM
                             04/06/22
*** AERMET - VERSION 16216 *** ***
                      ***
                               16:19:54
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PAGE 95 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\* VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0004394 , L0004395 , L0004397 , L0004398 , L0004396 , L0004400 , L0004401 , L0004402 , L0004403 L0004399 , L0004406 L0004404 , L0004405 , L0004408 L0004407 , L0004409 , L0004410 , L0004411 L0004412 , L0004413 , L0004414 L0004415 , L0004417 , L0004418 , L0004419 , L0004416 , L0004420 , L0004421 \*\*\* NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 \*\* Y-COORD | X-COORD (METERS) (METERS) | 475254.84 475274.84 475294.84 475314.84 475334.84 3755513.8 | 0.07675 (11091107) 0.07879 (11091107) 0.08055 (11091107) 0.08310 (11091107) 0.08200 (11091107) 3755493.8 0.06268 (11091107) 0.06422 (11091107) 0.06559 (11091107) 0.06771 (11091107) 0.06676 (11091107) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:19:54 PAGE 96 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U\* \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0004394 , L0004395 , L0004396 , L0004397 , L0004398 , L0004400 , L0004401 , L0004402 L0004399 , L0004403 , L0004404 , L0004405 , L0004406 , L0004408 , L0004409 , L0004410 , L0004411 L0004407 , L0004414 . L0004412 , L0004413 , L0004416 L0004415 , L0004417 , L0004418 , L0004419 , L0004421 , L0004420

\*\*\* NETWORK ID: UCART14 ; NETWORK TYPE:

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 Y-COORD X-COORD (METERS) (METERS) | 475293.48 475313.48 475333.48 475373.48 475353.48 3755332.6 | 0.03055 (16062006) 0.03061 (16062006) 0.03067 (16062006) 0.03077 (16062006) 0.03087 (16062006) 0.02865 (16062006) 0.02874 (16062006) 0.02883 (16062006) 0.02893 (16062006) 0.02903 (16062006) 3755292.6 0.02730 (16062006) 0.02738 (16062006) 0.02557 (16062006) 0.02567 (16062006) 0.02576 (16062006) 3755272.6 0.02584 (16062006) 0.02590 (16062006) 0.02428 (16062006) 0.02436 (16062006) 0.02444 (16062006) 3755252.6 0.02451 (16062006) 0.02456 (16062006) 0.02310 (16062006) 0.02318 (16062006) 0.02324 (16062006) 3755232.6 0.02329 (16062006) 0.02333 (16062006) 0.02202 (16062006) 0.02208 (16062006) 0.02213 (16062006) 3755212.6 0.02218 (16062006) 0.02222 (16062006) ↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM 04/06/22 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 16:19:54 PAGE 97 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\* \*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\* \*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3 NETWORK GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID ALL 1ST HIGHEST VALUE IS 0.04296 AT ( 474796.04, 3755633.62, 496.60, 789.90, 0.00) GC UCART1 2ND HIGHEST VALUE IS 0.04186 AT ( 474781.04, 3755633.62, 497.00,

700 00 0 00\ CC UCARTA				
789.90, 0.00) GC UCART1 3RD HIGHEST VALUE IS	0.04084 AT (	<i>474</i> 835 81	3755622 54	494 80
789.90, 0.00) GC UCART4	0.01001711 (	17 1033101,	3,33022.31,	131100,
4TH HIGHEST VALUE IS	0.04064 AT (	474766.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1	0.02076 AT (	474015 00	2755622 25	405 20
5TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3	0.03976 AT (	4/4815.90,	3/55623.35,	495.20,
6TH HIGHEST VALUE IS	0.03975 AT (	474820.81,	3755622.54,	495.00,
789.90, 0.00) GC UCART4	•			
7TH HIGHEST VALUE IS	0.03949 AT (	474751.04,	3755633.62,	497.00,
789.90, 0.00) GC UCART1 8TH HIGHEST VALUE IS	0.03903 AT (	474853.93.	3755615.41.	493.60.
789.90, 0.00) GC UCART5	0.03303 /// (	17 1055.55,	3,33013.11	133.00,
9TH HIGHEST VALUE IS	0.03898 AT (	474872.73,	3755611.53,	493.50,
789.90, 0.00) GC UCART6	0 02001 AT (	474900 00	2755622 25	405.00
10TH HIGHEST VALUE IS 789.90, 0.00) GC UCART3	0.03891 AT (	474800.90,	3/55623.35,	495.80,
, es, se, e, e				
*** RECEPTOR TYPES: GC = GRIDCA				
GP = GRIDPO				
DC = DISCCA				
DP = DISCPO		TTONG TOUG	SIZ DM	
*** AERMOD - VERSION 21112 *** *** 2042 OPERATIONS - TRUCK PM  *** 04/06/22				
*** AERMET - VERSION 16216 ***	04/06/22 ***			
***				
	20.25.5.			
PAGE 98				
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*				
	**	* THE SUMMAR	V OE HIGHEST	- 1_UD
RESULTS ***		THE SOMMAN	IT OF HIGHEST	T-111K
**	** CONC OF PM_	10 IN MIC	ROGRAMS/M**3	3
**				
		DATE		
	NETWORK			
GROUP ID	AVERAGE CONC	(YYMMDDHH)		RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID			
ALL HIGH 1ST HIGH VALUE IS 0.10969 ON 11091107: AT ( 474796.04,				
3755633.62, 496.60, 789.90, 0.00) GC UCART1				
•				

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR DC = DISCCART

DP = DISCPOLR

↑ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* 2042 OPERATIONS - TRUCK PM

> \*\*\* 04/06/22

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

> \*\*\* 16:19:54

> > PAGE 99

\*\*\* 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 4 Warning Message(s) A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified ( 2.40 Percent)

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

\*\*\*\*\* WARNING MESSAGES

ME W186 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 917

0.50

ME W187 917 MEOPEN: ADJ U\* Option for Stable Low Winds used in AERMET

CHKDAT: Record Out of Sequence in Meteorological File at: MX W450 17521

14010101

CHKDAT: Record Out of Sequence in Meteorological File at: MX W450 17521

2 year gap

\*\*\*\*\*\*\*\*\*\*\*

\*\*\* AERMOD Finishes Successfully \*\*\*

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