



HEALTH RISK ASSESSMENT

First Industrial Warehouse at Rider Street Project
(DPR No. 19-00016)

Prepared for:

First Industrial Realty Trust

July 2020

**DIESEL PARTICULATE MATTER
HEALTH RISK ASSESSMENT**

**First Industrial Warehouse at Rider Street Project
(DPR No. 19-00016)
City of Perris**

Prepared for:

First Industrial Realty Trust

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Section 1 – Introduction

Purpose and Methods of Analysis

Health risk assessments are commonly used to estimate the health risks to the surrounding community from projects that significantly increase the number of diesel vehicles and hence increase the amount of diesel particulate matter (DPM) in the area. The proposed Project is a single warehouse building, which will result in an increase in the number of diesel trucks in the Project vicinity.

The intent of this report is to support the California Environmental Quality Act (CEQA) document being prepared by the City of Perris for the Project. The analysis examines the diesel exhaust emissions from Project-generated traffic in the Project vicinity from diesel trucks traveling along local roads.

The dispersion and concentration of DPM was modeled using AERMOD. The roadways were modeled as line sources represented by adjacent volume sources. Emission factors were obtained using EMFAC2017. The estimation of health risks (both cancer and non-cancer) from DPM was performed following the guidelines established by the South Coast Air Quality Management District (SCAQMD) for health risk assessments from known DPM. The methods and assumptions used in this analysis are explained in greater detail in Section 3.

Project Description

The Project site is located on approximately 14.85 net acres at the southeast corner of Rider Street and Redlands Avenue in the City of Perris, California. **(Figure 1 – Project Location)** The Project proposes development of a warehouse building, approximately 324,147-square-foot (SF) industrial, non-refrigerated warehouse building, with 8,000 SF of office space and 4,000 SF of mezzanine space. The warehouse building will feature approximately 43 dock doors on the east side of the proposed building. **(Figure 2 – Site Plan)**

The Project is a speculative warehouse building; that is, there is not a specific tenant identified at this time. To present a conservative analysis or worst-case conditions, this analysis assumes the Project would be operated 24 hours per day, seven days per week.

\\elsinore\WO4\2019\19-0137\GIS\Project Location.mxd; Map created 28 Jul 2020



LEGEND

 Project Site

Sources: EMWD, 2020; Riverside Co. GIS, 2020; Eagle Aerial, 2016.

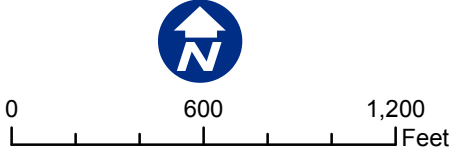
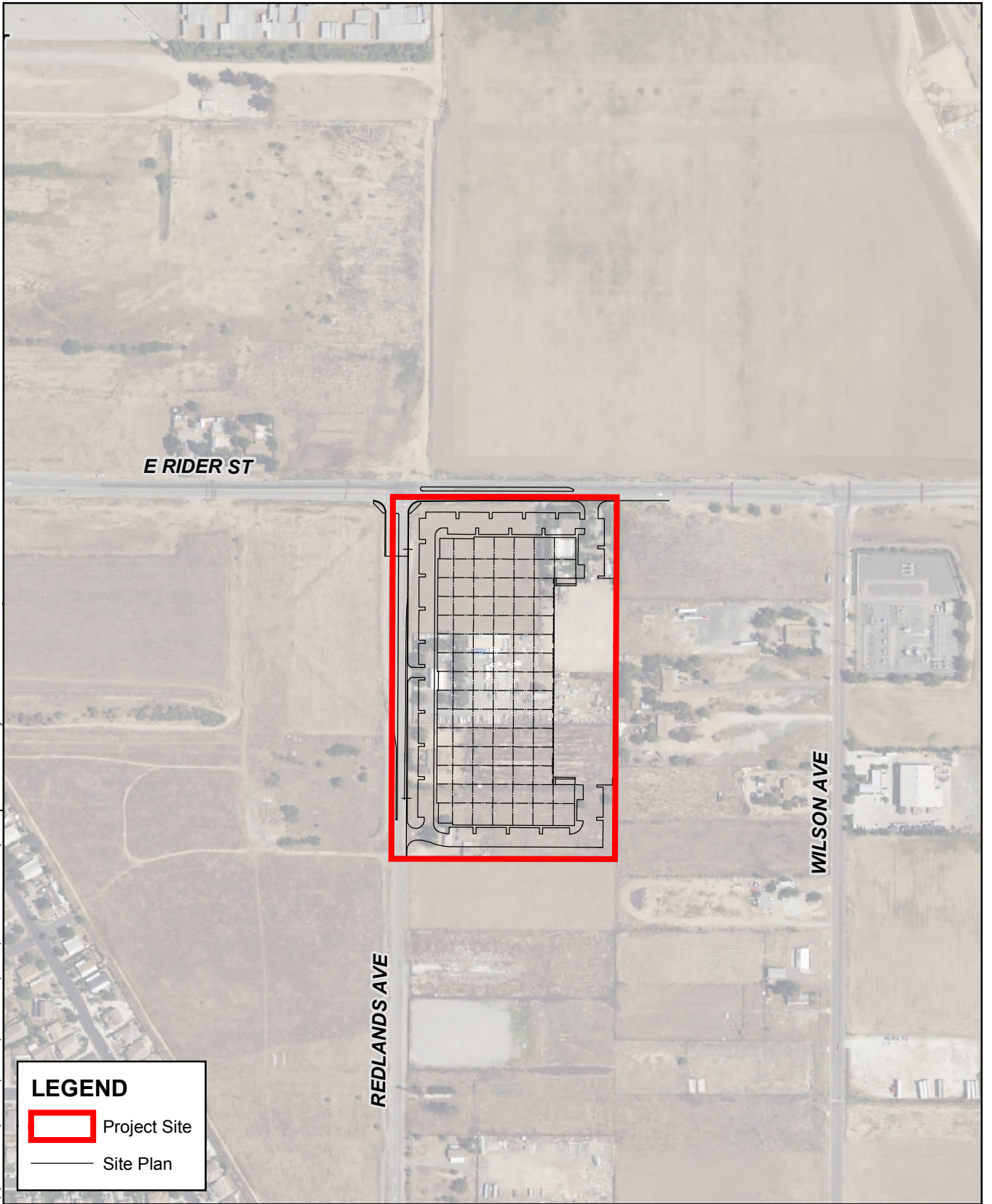


Figure 1 - Project Location
First Industrial Warehouse at Rider Street

\\elsinore\WO4\2019\19-0137\GIS\Site Plan.mxd; Map created 28 Jul 2020



Sources: EMWD, 2020; Riverside Co. GIS, 2020; Eagle Aerial, 2016.

Figure 2 - Site Plan
First Industrial Warehouse at Rider Street

Section 2 – Setting

Existing and Surrounding Land Uses

The proposed Project site currently comprises five contiguous parcels, with four out of five parcels containing structures, outbuildings, greenhouses, or storage yards for the previous owners. The area surrounding the Project site is currently redeveloping into light industrial uses with vacant land to the north, legal, non-conforming single family residential uses on land with a Specific Plan land use designation of Light Industrial to the immediate east and south, vacant land and light industrial to the west.

Sensitive Receptors

“Sensitive receptors” refer to those people most susceptible to respiratory distress such as asthmatics, the elderly, very young children, people already weakened by other diseases or illness and persons engaged in strenuous work or exercise. SCAQMD defines a “sensitive receptor” as a land use or facility such as residences, schools, childcare centers, athletic facilities, playgrounds, retirement homes, and convalescent homes. (SCAQMD 1993, p. 1-2)

Analysis Setting

The human health effects examined in this analysis are the inhalation cancer risks and chronic non-cancer health effects due to exposure to airborne diesel exhaust. The potential health risks were estimated using modeling and health risk assessment methodology established by the:

- Office of Environmental Health Hazard Assessment (OEHHA) of the California Environmental Protection Agency (CalEPA)
- South Coast Air Quality Management District (SCAQMD)
- U.S. Environmental Protection Agency (USEPA)
- California Air Resources Board (CARB)

Diesel Particulate Matter Background

Particulate matter in the less than or equal to 10 micron diameter size range (PM-10) is usually formed from mechanical action, such as dust and tire debris. These particles are large enough that they settle out of the air rapidly due to gravitational settling. While in the air, they contribute to visibility degradation and enter into the respiratory tracts of humans. However, they do not travel as far into the respiratory system as the smaller PM-2.5 (particles with a diameter of 2.5 microns or smaller) particles. PM-2.5 is formed through the accumulation of smaller particles or the condensation onto the surface of the smaller particles, which are directly emitted from cars and trucks. The particles in this 2.5 micron size range have the longest atmospheric lifetimes of any particles in the atmosphere of about 10 days and can be transported for up to 1,800-miles from the emission source.

Diesel exhaust is a complex mixture of inorganic and organic compounds that exist in the gaseous, liquid, and solid phases. The primary gaseous components are nitrogen, oxygen, carbon dioxide, and water vapor. As a result of incomplete combustion, diesel exhaust also includes over 40 substances that are listed as hazardous air pollutants by the USEPA and by CARB as toxic air contaminants (TACs). Exhaust from diesel engines contains approximately 20 times more particles than exhaust from comparable gasoline engines. Over 90 percent of the mass of the particles are less than 2.5 microns in

diameter and are easily inhaled into the bronchial and alveolar regions of the lung. The particles are mainly aggregates of spherical carbon particles coated with inorganic and organic substances. The inorganic fraction primarily consists of elemental carbon, while the organic fraction consists of soluble organic compounds such as aldehydes, alkanes, alkenes, high-molecular weight polycyclic aromatic hydrocarbons (PAH), and PAH-derivatives, such as nitro-PAHs. Many of these PAHs and PAH-derivatives, especially nitro-PAHs, have been found to be mutagens and carcinogens. Nitro-PAH compounds can also be formed during transport through the atmosphere by reactions of adsorbed PAH with nitric acid and by gas-phase radical-initiated reactions in the presence of oxides of nitrogen (NO_x) (CARB 1998).

There are three groups of sources of diesel exhaust in California:

- Mobile sources (on-road vehicles and other mobile sources),
- Stationary area sources (e.g., oil and gas production facilities, stationary engines, shipyards, repair yards), and
- Stationary point sources (e.g., chemical manufacturing, electric utilities).

Of these sources, on-road mobile sources (heavy-duty trucks, buses, light-duty cars and trucks) contribute the majority of total diesel exhaust PM-10 emissions in California.

Health Effects

The most significant health effect of diesel exhaust is its potential for increasing the risk of cancer in exposed persons. Studies of workers exposed to diesel exhaust have been shown to have an increased risk of developing lung cancer. Studies have also shown that exposure to diesel exhaust causes lung cancer in laboratory animals (OEHHA 2000).

In addition to the carcinogenic effects, there are both short-term (acute) and long-term (chronic) effects on human health. Acute health effects are due to sudden exposure to high concentrations of air toxics which can irritate the eyes, nose, and throat, cause respiratory symptoms such as increased cough, labored breathing, chest tightness, and wheezing, and cause inflammatory responses in the airways and lungs. Exposure to diesel exhaust may also cause increased allergic responses to allergens such as ragweed pollen. Chronic health effects are a result of low-dose, long-term exposure from routine releases of air toxics. Health effects include chronic respiratory symptoms and reduced lung function, and may cause or worsen allergic respiratory diseases such as asthma. Reproductive or developmental effects from diesel exposure in laboratory animals have been seen; however, there is insufficient information to determine if those same effects are seen in humans (OEHHA 2000).

Exposure to “whole” diesel exhaust (gases and particles) can cause the above-mentioned health effects, while exposure to DPM alone has been linked in animal studies with lung cancer and allergic reactions. Recent epidemiological studies of the health effects of diesel exhaust have supported findings in earlier studies, which show higher rates of lung cancer in exposed workers and the potential to cause allergies (OEHHA 2000).

Extensive research into the correlation between health effects and increased levels of pollutants in the air has been done in the Eastern U.S. The major difference in the air quality issues between East Coast and West Coast cities is the prevalence of oxides of sulfur (SO_x) from the coal burning power plants on the East Coast, and the presence of NO_x in the West Coast from vehicular emissions. Within Southern California, the focus of many of these air quality studies is aimed towards the health effects of air

pollution on children. One such study looked at the association between air pollution and lung function growth in Southern California children (Gauderman, et al., 2000). The results of this study suggest that exposure to air pollution may lead to a reduction in maximal attained lung function; however, due to the high correlation in concentrations across communities, researchers were unable to identify the independent effects of each pollutant, and their models suggest that no single pollutant measured is responsible for the observed deficits in lung function growth. Similarly, another study (McConnell, et al., 1999) also concluded that there is no association between bronchitis and pollution, except for people who already have asthma. And even then, the high correlation between particulates, nitrogen dioxide (NO₂), and acid make it impossible to distinguish which of these pollutants is more likely responsible for the observed effects. A study by Gilliland, et al., in 2001 found that, while a short-term change in ozone (O₃), but not NO₂ or PM-10, was associated with a substantial increase in school absences from both upper and lower respiratory illness, ozone-related increases in all absences and illness-related absences were larger in communities with lower levels of NO₂ and PM-10 than in communities with higher levels of NO₂ or PM-10.

The results of a 10-year children's health study commissioned by CARB in which researchers looked at the chronic health effects of air pollutants on children have been released and a portion of the results of this study relating the effect of air pollution on lung development was published in the New England Journal of Medicine (Gauderman et al., 2004). The communities studied included Alpine, Atascadero, Lake Elsinore, Lake Arrowhead, Lancaster, Lompoc, Long Beach, Mira Loma, Riverside, San Dimas, Santa Maria, and Upland. Deficits in lung function were associated with a correlated set of pollutants that included nitrogen dioxide, acid vapor, fine particulate matter, and elemental carbon. However, little evidence was shown that links ozone exposure with chronic deficits in lung function growth. Although Mira Loma had the highest average concentration of PM-10, PM-2.5, and elemental carbon, it did not have the largest proportion of children with less than 80 percent of the predicted forced expiratory volume in the first second (<80 percent FEV₁). Upland had the largest proportion of children with <80 percent FEV₁ even though pollutant concentrations were much less than at Mira Loma.

Health Risks

OEHHA has estimated that 130 to 2,400 excess cancer cases would be expected to occur in a population of one million people breathing in an average concentration of DPM of 1 µg/m³ over a 70-year lifetime. These excess cancer cases are beyond what would be expected to occur if there were no DPM in the air. The estimate of excess cancer cases is based upon analysis by OEHHA of more than 30 studies of workers exposed to diesel exhaust. An independent review by the CARB Scientific Review Panel derived a "best estimate" of the cancer unit risk factor of 300 excess cancer cases per million people breathing 1 µg/m³ of DPM over a lifetime.

The CARB estimates that the average Californian is exposed to (both indoors and outdoors) an average of 1.3 µg/m³ of DPM on a long-term basis. Using this exposure value and multiplying by the best estimate unit risk factor of 300 excess cancer cases per million population per µg/m³, the annual excess cancer risk in California from DPM is estimated to be 390 cases per million (OEHHA 2000).

According to OEHHA, scientific evidence suggests that non-cancer lung damage (such as reduced lung function and increased sensitivity to asthma) can occur when long-term ambient DPM levels are greater than 5 µg/m³. Although this is higher than the average concentration of DPM in California's air, people can be exposed to DPM concentrations greater than 5 µg/m³ near truck stops, busy freeways, and other places where multiple diesel engines are in operation.

Regulations

The local air districts (such as SCAQMD) have the primary responsibility for control of air pollution for all sources, except for mobile source emissions, which are under the control of CARB. On August 27, 1998, following a 10-year review process, CARB listed DPM as a toxic air contaminant (TAC).

The USEPA, CARB, and SCAQMD have adopted many regulations that have resulted in or will reduce particulate matter (PM), nitrogen oxides (NO_x), and sulfur oxides (SO_x) emissions from diesel-fueled engines. Some of the existing control measures are:

- a requirement for low sulfur/low aromatic diesel fuel that reduces PM, NO_x, and SO_x emissions (October 1993).
- emission standards for NO_x emissions from diesel cars, trucks, and urban buses (phased in from 1984 through 2004).
- roadside testing of heavy-duty on-road vehicles for excessive PM emissions (1991) and a requirement for fleet inspection and maintenance of heavy-duty vehicles (Summer 1998).
- emission standards that restrict the amount of PM and NO_x that can be emitted from many 1995 and newer diesel utility engines.
- a requirement limiting the idling of diesel-fueled commercial vehicles to five minutes at any location pursuant to Section 2485 of Chapter 10 within Title 13 of California Code of Regulations (February 1, 2005).

In October 2000, the USEPA published the final rule for new diesel engine standards beginning in 2004 for all diesel vehicles over 8,500 pounds. Additional diesel standards and test procedures in this rule began in 2007. Heavy-duty gasoline engines are required to meet new, more stringent standards starting no later than the 2005 model year. The new standards require gasoline trucks to be 78 percent cleaner and diesel trucks to be more than 40 percent cleaner than the models of 2000 (USEPA 2000a). In December 2000, the USEPA established a comprehensive national control program that regulates the heavy-duty vehicle and its fuel as a single system. New emission standards took effect in model year 2007 and apply to heavy-duty highway engines and vehicles. The new standards for PM took full effect for diesel engines in the 2007 model year. Gasoline engines will also be subject to these standards, requiring full compliance in the 2009 model year. In addition, the level of sulfur in highway diesel fuel was reduced by 97 percent to no more than 15 parts per million (ppm) in mid-2006. As a result of this program, each new truck and bus is more than 90 percent cleaner (USEPA 2000b).

In October 2000, CARB completed a risk reduction plan (CARB 2000) to reduce DPM emissions throughout the state. The plan proposes measures which will require all new diesel-fueled vehicles and engines to use state-of-the-art catalyzed DPM filters and very low sulfur diesel fuel. In addition, all existing vehicles and engines should be evaluated, and wherever technically feasible and cost-effective, retrofitted with DPM filters. One of the incentive programs is the Carl Moyer Program, which is a clean engine incentive program. This program provides money in the form of grants to cover the incremental portion of the cost to purchase cleaner burning engines or retrofitting existing ones. As with new engines, very low sulfur diesel fuel should be used by retrofitted vehicles and engines. It is estimated that full implementation of the plan, including proposed federal measures, will result in reductions in DPM emissions and associated cancer risks of 75 percent by 2010 and 85 percent by 2020. On February 27, 2004, CARB announced the approval of five diesel air toxic control measures (ATCM) control measures (CARB 2004), which will limit DPM as part of the plan.

In December 2008, CARB approved the Statewide Truck and Bus Rule. The regulation applies to nearly all privately- and federally-owned diesel-fueled trucks and buses and to privately- and publicly-owned school buses with a gross vehicle weight rating greater than 14,000 pounds. This regulation was last amended in December 2014 to provide more time for fleets to comply (CARB 2014). The amended regulation requires installation of PM retrofits beginning January 1, 2012 and replacement of older trucks starting January 1, 2015. By January 1, 2023, nearly all vehicles would need to have 2010 model year engines or equivalent.

In June 2000, SCAQMD announced new fleet vehicle rules (SCAQMD 2000), which will seek to gradually shift public agencies to low emissions and alternative fuel vehicles. Whenever a public fleet operator with 15 or more vehicles replaces or purchases new vehicles, they must be either low-emission or alternative-fueled. This would also apply to vehicles used to transport passengers to and from airports in the region. Following adoption of the first six fleet rules, the Engine Manufacturers Association sued AQMD in district court in August 2000. Plaintiffs appealed to the 9th Circuit Court of Appeals in San Francisco, which affirmed the lower court's decision. Plaintiffs sought review in the Supreme Court of the United States and heard the case on January 14, 2004 (SCAQMD 2004). On April 28, 2004, the Supreme Court issued an opinion that, under the Clean Air Act, SCAQMD (and other local jurisdictions) are prohibited from adopting regulations that require private fleet owners to purchase clean-fueled vehicles. However, the court allowed the possibility that fleet rules can be applied to public fleets and may be valid for leased and used vehicles (SCAQMD 2004).

Both federal and state Clean Air Acts require that each non-attainment area prepare a plan to reduce air pollution to healthful levels. The 1988 California Clean Air Act and the 1990 amendments to the federal Clean Air Act (CAA) established new planning requirements and deadlines for attainment of the air quality standards within specified time frames, which are contained in the State Implementation Plan (SIP). Amendments to the SIP have been proposed, revised, and approved since 1990. The currently adopted clean air plan for the South Coast Air Basin (Basin) is the 1999 SIP Amendment for ozone, approved by the USEPA in 2000. The Air Quality Management Plan (AQMP) for the Basin establishes a program of rules and regulations directed at attainment of the state and national air quality standards. The AQMP control measures and related emission reduction estimates are based upon emissions projections for a future development scenario derived from land use, population, and employment characteristics defined in consultation with local governments. The SCAQMD adopted an updated AQMP in March 2017, which outlines the air pollution measures needed to meet federal health-based standards. Specifically, the Plan includes control strategies to demonstrate attainment with various ozone and PM 2.5 National Ambient Air Quality Standards (NAAQS) by specified deadlines; it incorporates the latest scientific and technological information and planning assumptions, including Southern California Association of Governments' (SCAG's) 2016 Regional Transportation Plan/Sustainable Communities Strategy and updated emission inventories and modeling methods.

The AQMP points out that the regulation of emissions from ships, aircraft, trains, and off-road farm and construction equipment less than 175 horsepower are under federal jurisdiction, yet emissions from these sources continues to represent a significant and increasing portion of the emissions inventory in the Basin. In order to attain federal standards, the emissions reduction burden will have to be shifted to other stationary and mobile sources that have been regulated. The AQMP includes measures at the state and federal level that will have to be complied with. In addition, several measures aimed at reducing PM emissions will also be implemented. They include a measure to install electric systems at truck stops in order to eliminate truck idling and operation of auxiliary engines to power refrigerated trailers and units, a

mitigation fee program for federal sources, and the authority to implement regulations in the event that USEPA or CARB does not develop aggressive programs to reduce emissions from vehicles.

The SCAQMD *CEQA Air Quality Handbook* (1993) states that emissions of TACs are considered significant if a health risk assessment shows a Maximum Individual Cancer Risk (MICR) of greater than ten (10) in one million. Based on guidance from SCAQMD (SCAQMD 2003), 10 in one million is used as the threshold for this Project. For non-cancer risks, the threshold is a hazard index value greater than one (1).

Section 3 – Emissions Estimates

Modeling Methodology

This health risk assessment was performed using AERMOD and in accordance with the SCAQMD’s Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (SCAQMD 2003) and the 2017 Risk Assessment Procedures for Rules 1401, 1401.1 and 212 Version 8.1 based on OEHHA’s *The Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments* (“Guidance Manual”) (SCAQMD 2017).

SCAQMD recommends using the USEPA’s AERMOD model for mobile source emissions impact assessments by modeling the individual roadways as line sources represented by adjacent volume sources, consistent with the USEPA Haul Road Workgroup Recommendations (USEPA 2012). For dispersion analysis, AERMOD has four source types that the user can choose from. Point sources refer to stacks, where the pollutants are released from a single point. The area source model is used to simulate the effects of fugitive emissions from sources such as storage piles and slag lumps. The open pit source model is used to simulate fugitive emissions from below-grade open pits, such as surface coal mines or stone quarries. The volume source model is used to simulate the effects of emissions from sources such as building roof monitors and line sources, which include roads (USEPA 1995). This study uses the volume source model, as recommended by SCAQMD. Modeled sources were assumed to have a constant and steady emission rate for all hours of the day.

Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report. However, tables showing the roadways and volume sources modeled are included in Appendix A. In order to model the mobile source emissions from area diesel truck traffic, the roadways were treated as line sources represented by multiple adjacent volume sources. The initial horizontal and vertical plume standard deviations must be computed for each volume source modeled. According to the AERMOD user’s guide, the initial horizontal standard deviation (σ_y) of individual volume sources should be estimated as the distance between separate volume sources divided by 2.15. In a similar manner, the AERMOD user guide specifies that the source initial vertical standard deviation (σ_z) for a surface-based source (simulating truck travel on roadways or idling at truck bays) should be estimated as the height of the building divided by the same factor of 2.15. For roadway parameters, the USEPA Haul Road Workgroup Recommendations was utilized for calculating the volume source characteristics based on the height and width of heavy duty diesel trucks.

The area studied as part of this health risk assessment is much larger than the Project site itself and is bounded by Morgan Street to the north, Interstate 215 (I-215) to the west, Water Avenue to the south, and Evans Road the east. The local roadway segments modeled are listed in **Table 1**, below, and are based on the truck distribution patterns identified in the Project-specific Traffic Study for the future Placentia Avenue interchange (WEBB 2020). As stated in the Traffic Study, a new freeway interchange is planned to be constructed at Placentia Avenue, which would be closer to the proposed Project site than the existing interchanges. The new interchange is anticipated to be complete by the time the Project is operational. Therefore, this study evaluates the future roadway network where project traffic would use the Placentia Avenue interchange after its completion. This truck distribution also provides the most conservative analysis because more sensitive receptors are located along these roadway segments.

Table 1 – Local Road Segments Modeled

| Roadway | Link Segment Description | Average Vehicle Speed (mph) |
|------------------|---|-----------------------------|
| Redlands Avenue | Between South Project Driveway and Rider Street | 15 |
| Rider Street | Between Redlands Avenue and Indian Avenue | 35 |
| Indian Avenue | Between Rider Street and Placentia Avenue | 30 |
| Placentia Avenue | Between Indian Avenue and I-215 On Ramps | 30 |

In order to do the dispersion analysis, the initial concentration of DPM emitted per roadway segment modeled has to be estimated. The EMFAC2017 (CARB 2018) developed by CARB was utilized to obtain an average emission factor for 2022 (Project opening year) using the meteorological data for the South Coast Air Basin to estimate the particulate matter (PM) emissions generated by the truck traffic on the local roads near the Project site.

EMFAC2017 results are available by vehicle category. The Project-specific Traffic Study provides truck data by axle number categorizing trucks as either 2-axle, 3-axle, or 4+-axle. To convert the axle-based truck categories to those within EMFAC2017, one of SCAQMD’s recommended methods was used which equates 2-axle trucks to Light-Heavy Duty Diesel trucks (LHDT), 3-axle trucks to Medium-Heavy Duty Diesel Trucks (MHDT), and 4+-axle trucks to Heavy-Heavy Duty Diesel Truck (HHDT) (SCAQMD 2011).

Since PM emissions are also a function of vehicle speed, the modeled vehicle speeds along local roads and the freeway ranging between 5 miles per hour (mph) and 35 mph, depending on the road segment, were used. An average vehicle speed of 5 mph was modeled for the trucks traveling within the Project site. These vehicle speeds were chosen after consultation with staff at SCAQMD,¹ who suggested that the average vehicle speed be reduced for each roadway below the posted speed limit in order to model emissions from diesel trucks while they are idling at traffic lights or in congested traffic conditions. **Table 2** summarizes the emission factors and corresponding vehicle speeds used.

The below emission factors were adjusted to reflect actual percentages for each truck category identified in the Traffic Study (WEBB 2020) for the modeled scenarios on each road modeled to produce an average emission factor for each road segment modeled. These emission factors were averaged for each of the four age bins in the 2017 SCAQMD Guidance for each modeled scenario (Appendix A). For assessment of residential cancer risk, the risk is calculated in individual age bins (e.g., third trimester, 0 to 2 years, etc.) rather than a single lifetime calculation, whereas, for offsite workers the default assumption is that working age begins at 16 years (SCAQMD 2017). These age bins are based on scientific data, which has shown that young animals are more sensitive than adult animals to exposure to many carcinogens, and are designed to take into account the increased sensitivity to carcinogens during early-in-life exposure. Each age bin is adjusted by an Age Sensitivity Factor (ASF) when calculating cancer risks to account for this increased sensitivity.

¹ Staff communication with James Koizumi on March 5, 2004.

Table 2 – EMFAC2017 Emission Factors Used

| Speed | 2022 Project Emission Factors (grams/mile) | | |
|-----------------------|--|-------|-------|
| | LDT | MDT | HDT |
| 0 mph (Idling) | | | |
| -0.25 to 0 years | 0.787 | 0.147 | 0.015 |
| 0 to 2 years | 0.787 | 0.095 | 0.014 |
| 2 to 16 years | 0.786 | 0.030 | 0.012 |
| 16 to 30 years | 0.786 | 0.030 | 0.012 |
| 5 mph | | | |
| -0.25 to 0 years | 0.077 | 0.070 | 0.043 |
| 0 to 2 years | 0.074 | 0.038 | 0.028 |
| 2 to 16 years | 0.046 | 0.010 | 0.014 |
| 16 to 30 years | 0.046 | 0.010 | 0.014 |
| 15 mph | | | |
| -0.25 to 0 years | 0.043 | 0.049 | 0.027 |
| 0 to 2 years | 0.042 | 0.027 | 0.018 |
| 2 to 16 years | 0.028 | 0.007 | 0.010 |
| 16 to 30 years | 0.028 | 0.007 | 0.010 |
| 30 mph | | | |
| -0.25 to 0 years | 0.023 | 0.034 | 0.017 |
| 0 to 2 years | 0.023 | 0.019 | 0.012 |
| 2 to 16 years | 0.016 | 0.005 | 0.008 |
| 16 to 30 years | 0.016 | 0.005 | 0.008 |
| 35 mph | | | |
| -0.25 to 0 years | 0.021 | 0.034 | 0.018 |
| 0 to 2 years | 0.020 | 0.019 | 0.013 |
| 2 to 16 years | 0.014 | 0.006 | 0.009 |
| 16 to 30 years | 0.014 | 0.006 | 0.009 |

Truck Counts

The number of Project trucks using local roads in 2022 was estimated as part of the Project-specific Traffic Study (WEBB 2020) using trip generation rates and truck trip distribution maps. The assumptions for truck distributions (LHDT, MHDT, and HHDT) in each scenario are contained in detail in Appendix A. The local road segments and truck average daily traffic (ADT) used for this analysis are listed in **Table 3**.

Table 3 – Average Daily Truck Traffic

| Roadway | Link Segment Description | Project Truck ADT |
|------------------|---|-------------------|
| Redlands Avenue | Between South Project Driveway and Rider Street | 182 |
| Rider Street | Between Redlands Avenue and Indian Avenue | 182 |
| Indian Avenue | Between Rider Street and Placentia Avenue | 182 |
| Placentia Avenue | Between Indian Avenue and I-215 On Ramps | 182 |

Truck Idling

In addition to the emissions of DPM from trucks traveling along the roadways, it is also important to model the emissions of DPM from trucks while they are idling at the loading area of the Project site. There is one loading area at the Project site, with approximately 43 dock doors on the east side of the building (**Figure 2 – Site Plan**). The emissions from the loading area was calculated as line volume sources utilizing the idling emission factor shown in **Table 2**, calculated by EMFAC2017. All trucks were assumed to idle in the loading area for 15 minutes.

Diesel Particulate Matter Dispersion Modeling

The AERMOD dispersion model uses available meteorological data (provided by SCAQMD) for the Project area in order to estimate the DPM concentrations at receptor locations. The meteorological data provided by SCAQMD used was for Perris, CA. Terrain data, available from U. S. Geological Survey, was used to produce terrain base elevations for all modeled sources and receptors. A uniform Cartesian receptor grid, with receptors placed at 50 meter intervals, extending in each direction of the Project boundary was used.

Estimation of Health Risks

Cancer Risks

Cancer risks are a calculated probability of the number of people who will develop cancer after exposure to DPM at the same concentration, 24 hours a day, 350 days a year for a lifetime of 70 years. As a conservative measure, the SCAQMD does not recognize indoor adjustments for residents. However, a study by published in the Journal of Air and Waste Management Association in 2001 (Cackette/Lloyd, pp. 809–847) shows that the typical person spends approximately 87 percent of their time indoors, 5 percent of their time outdoors, and 7 percent of their time in vehicles.

The cancer risks from DPM occur exclusively through the inhalation pathway; therefore, the maximum individual cancer risk (MICR) can be estimated from the following equation:

$$*MICR_{DPM} = CP_{DPM} \cdot DI_{DPM}$$

where,

- MICR_{DPM}** Cancer risk from diesel particulate matter (DPM); the probability of an individual developing cancer as a result of exposure to DPM.
- CP_{DPM}¹** Cancer Potency factor for DPM (mg/kg-day)⁻¹; estimated probability that a person will contract cancer as a result of inhalation of a DPM concentration of 1mg per kilogram of bodyweight continuously over a period of 70 years CP_{DPM} value of 1.1 (mg/kg-day)⁻¹
- DI_{DPM}²** Dose through inhalation (mg/kg-day)
- obtained by multiplying $C_{air} \times ASF \times ED \times FAH \times DBR \times (EF/70) \times 10^{-6}$
 - o C_{air} is the Annual Average 24 hour per day concentration of DPM in air ($\mu\text{g}/\text{m}^3$) (calculated by AERMOD).
 - o ASF is the age specific factor.
 - o ED is the exposure duration in years.
 - o FAH is the fraction of time at home.
 - o DBR is the daily breathing rate
 - To be most protective, the DBR was adjusted for each age group (95th percentile rate for age bins less than 2 years old and 80th percentile for older age groups, as recommended by CARB)
 - o EF is the exposure factor
 - Most sensitive value of 0.96 used. ³
 - Off-site receptor value of 0.68 was used.

* Table of data used in calculations can be found in Appendix A.

1. From Table 2.0 of the 2017 SCAQMD Permit Application Package “N” (For Use in Conjunction with the Risk Assessment Procedures for Rules 1401, 1401.1 and 212 Version 8.1 [SCAQMD 2017]).
2. From Table 4.0 of the 2017 SCAQMD Permit Application Package “N”.

This probability is usually expressed in terms of the number of people who will develop cancer per one million people who are also exposed. The exposure assumptions provided in the above calculations are based on the SCAQMD 2017 Permit Applications Package “N” which is based on The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments updated by OEHHA in 2015 (OEHHA 2015). In 2015, OEHHA adopted updated Guidelines (OEHHA 2015) for risk assessments conducted under The Air Toxics “Hot Spots” Information and Assessment Act of 1987 (AB2588), which superseded the previous 2003 Guidelines. The Air Toxics “Hot Spots” Information and Assessment Act requires stationary sources (facilities) to report the type and quantity of substances they routinely release into the air. For risk assessments conducted under AB 2588, OEHHA applies specific adjustment factors to all carcinogens regardless of purported mechanism of action. However, U.S. EPA guidance relating to the use of early life exposure adjustment factors² explains that use of adjustment factors is only necessary when carcinogens act “through the mutagenic mode of action.” A mutagen is a physical or chemical agent that changes genetic material, such as DNA, which increases the frequency of mutations and produces carcinogenic effects. The use of adjustment factors is recommended to account for the susceptibility of producing adverse health effects during early life stages from exposure to these mutagenic compounds. Because DPM does not elicit a mutagenic mode of action, the use of age specific adjustment factors is not warranted. Nonetheless, age adjustment factors were used herein to ensure a conservative analysis.

Additionally, with regard to applicability of the risk assessment procedures, OEHHA has indicated that roadways are not part of the Hot Spots program because the program only addresses stationary sources. Nonetheless, this HRA conservatively used the 2017 updated Risk Assessment Procedures for Rules 1401 and 212.

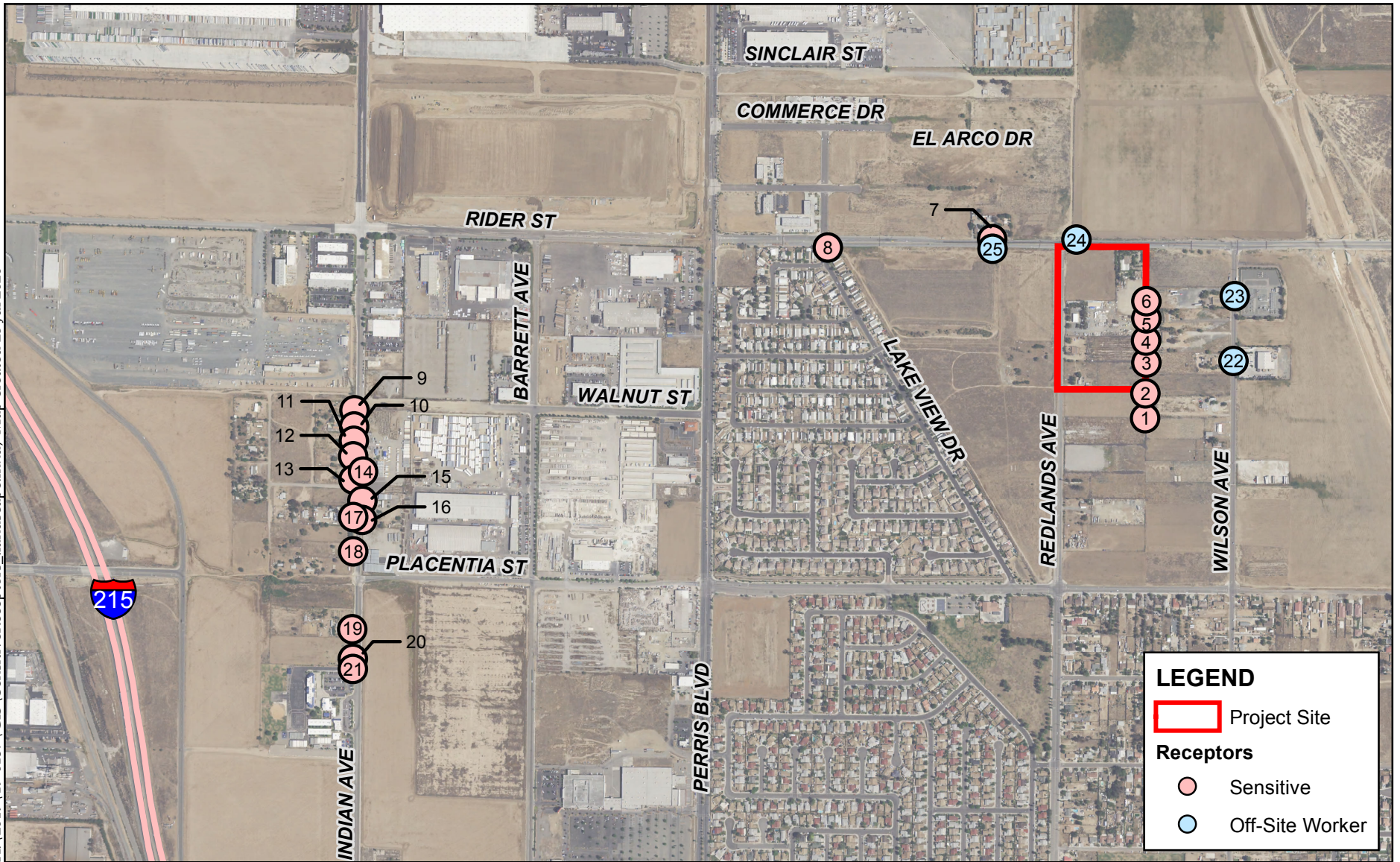
Modeled Cancer Risks

Twenty-five (25) separate discrete receptors located at sensitive receptors (Receptor 1 – Receptor 21) and off-site worker receptors (Receptor 22 – Receptor 25) within the Project vicinity were modeled (**Figure 3**). All receptor locations were modeled at the nearest property boundary to provide a conservative analysis. Receptor 1 through Receptor 6, are residential uses, the closest receptors to the Project site and are located adjacent to and east of the Project site, respectively. Receptor 7 through Receptor 20 are residential uses located along Rider Street and Indian Avenue, west of the Project site. Receptor 21 is located at the Val Verde Elementary School on Indian Avenue, south of Placentia Avenue. Receptor 22 and 23 are non-residential uses east of the Project site along Wilson Avenue and Receptors 24 and 25 are planned industrial uses. It should be noted that Receptors 1 – 7 and 14 – 16 are existing, non-conforming residential uses and/or businesses containing a residential structure that are designated for Light Industrial uses in the PVCCSP. Similarly, Receptors 9 through Receptor 13, Receptor 17 and 18 are existing, non-conforming residential uses that are designated for Business Professional Office uses in the PVCCSP


DPM concentrations were predicted at modeled receptor locations for each age bin using the emission factors described above and shown in Appendix A. The Project’s anticipated increases in DPM and cancer risk were modeled to determine if the Project would result in excess cancer risk above the SCAQMD threshold of 10 in one million.

² U.S. EPA, Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F, March 2005. Available at: https://archive.epa.gov/raf/web/pdf/childrens_supplement_final.pdf.



H:\2019\19-0137\GIS\SensitiveReceptors_landscape.mxd; Map created 28 Jul 2020



LEGEND

 Project Site

Receptors

-  Sensitive
-  Off-Site Worker

Sources: Riverside Co. GIS, 2020;
USDA NAIP, 2016.



0 500 1,000 1,500
|-----|-----|-----|
Feet

Figure 3 - Discrete Receptor Locations
First Industrial Warehouse at Rider Street

The Project-generated cancer risk at discrete receptor locations modeled are summarized in **Table 4**, below.

Table 4 – Project-Generated Cancer Risk (2022) at Discrete Receptors

| Receptor | Cancer Risk (per million) |
|----------------------------------|---------------------------|
| Sensitive Receptors | |
| 1 | 2.6 |
| 2 | 5.5 |
| 3 | 13.5 |
| 4 | 18.7 |
| 5 | 19.6 |
| 6 | 19.0 |
| 7 | 2.5 |
| 8 | 1.6 |
| 9 | 1.9 |
| 10 | 1.8 |
| 11 | 1.8 |
| 12 | 1.7 |
| 13 | 1.8 |
| 14 | 1.9 |
| 15 | 2.0 |
| 16 | 2.0 |
| 17 | 1.8 |
| 18 | 1.9 |
| 19 | 0.3 |
| 20 | 0.2 |
| School Child Receptor | |
| 21 | 0.1 |
| Off-site Worker Receptors | |
| 22 | 0.1 |
| 23 | 0.1 |
| 24 | 0.1 |
| 25 | 0.2 |

Four of the modeled receptor locations are exposed to excess cancer risks from DPM on the modeled roadways and site operations that exceed the SCAQMD threshold of 10 in one million. The highest cancer risk at modeled receptor locations is 19.6 per million, located at Receptor 5, the property boundary of a sensitive receptor. The highest cancer risk at modeled off-site worker receptors is 0.2 per million, located at Receptor 25. The reported maximum modeled DPM concentration results in a cancer risk of 1.7 per million and is located within the Project site south of the loading area.

Non-Cancer Risks

The non-cancer risks can be described as acute (short-term, generally 1-hour peak exposures) or chronic (long-term exposure, defined as 12 percent of a lifetime or about 8 years for humans) health impacts. OEHHA has developed acute and chronic reference exposure levels (REL) for determining the non-cancer health impacts of toxic substances. Exceeding the acute or chronic REL does not necessarily indicate that an adverse health impact will occur; however, levels of exposure above the REL have an increasing but undefined probability of resulting in an adverse health impact, particularly in sensitive individuals (OEHHA 2003). For DPM, there is no value for the acute REL and the chronic REL is $5 \mu\text{g}/\text{m}^3$.

The relationship for the non-cancer health effects of DPM is given by the following equation:

$$HI_{\text{DPM}} = C_{\text{DPM}} / REL_{\text{DPM}}$$

where,

HI_{DPM} Hazard Index; an expression of the potential for non-cancer health effects.

C_{DPM} Annual average DPM concentration in $\mu\text{g}/\text{m}^3$.

REL_{DPM} Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

The maximum DPM concentration is $0.05232 \mu\text{g}/\text{m}^3$ is reported for the first age bin and it occurs on site, near the loading dock doors. Using the equation above, the hazard index is 0.0105 which is approximately one percent of the allowed threshold of 1.

Recommended Mitigation Measures

In order to reduce the DPM emissions from Project operation, the following mitigation measure from the Perris Valley Commerce Center Specific Plan (PVCCSP) Environmental Impact Report shall be implemented:

PVCCSP MM Air 11: Signage shall be posted at loading docks and all entrances to loading areas prohibiting all on-site truck idling in excess of five minutes.

Impacts After Mitigation

The mitigated cancer risks at the sensitive receptor locations modeled are summarized in **Table 5**, below.

Table 5 – Mitigated Project-Generated Cancer Risk (2022) at Sensitive Receptors

| Receptor | Cancer Risk (per million) |
|------------------------------|------------------------------|
| Sensitive Receptors | |
| 1 | 1.6 |
| 2 | 3.4 |
| 3 | 7.0 |
| 4 | 8.8 |
| 5 | 9.2 |
| 6 | 8.7 |
| 7 | 2.2 |
| 8 | 1.5 |
| 9 | 1.9 |
| 10 | 1.8 |
| 11 | 1.8 |
| 12 | 1.7 |
| 13 | 1.8 |
| 14 | 1.9 |
| 15 | 1.9 |
| 16 | 1.9 |
| 17 | 1.8 |
| 18 | 1.9 |
| 19 | 0.3 |
| 20 | 0.2 |
| School Child Receptor | |
| 21 | 0.1 |

None of the modeled receptor locations are exposed to excess cancer risks from DPM on the modeled roadways that exceed the SCAQMD threshold of 10 in one million. The highest cancer risk at modeled sensitive receptor locations is 9.2 per million, located at Receptor 5, the property boundary of a sensitive receptor.

Conclusion

Based on the analysis herein, after implementation of mitigation, the long-term DPM emissions directly from the Project will not result in cancer risks exceeding the SCAQMD 10-in-one-million threshold at sensitive receptors.

Non-cancer risks are less than one percent of the SCAQMD recommended threshold.

Section 4 – References

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The following documents were referred to as general information sources during preparation of this document. They are available for public review at the locations indicated after each listing and identified out at the end of this section. Some of these documents are also available at public libraries and at other public agency offices.

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Location

Address

City of Perris

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Perris, CA 92570

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APPENDIX A

Dispersion Modeling Parameters and Output

2022 Average Truck Emission Rates (grams/mile; grams/idle-hour)

| | 0 mph | | | 5 mph | | | 15 mph | | | 30 mph | | |
|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|
| | LHDT | MHDT | HHDT | LHDT | MHDT | HHDT | LHDT | MHDT | HHDT | LDT | MDT | HDT |
| 2022 | 0.787 | 0.147 | 0.015 | 0.077 | 0.070 | 0.043 | 0.043 | 0.049 | 0.027 | 0.023 | 0.034 | 0.017 |
| 2023 | 0.786 | 0.044 | 0.013 | 0.071 | 0.007 | 0.013 | 0.040 | 0.004 | 0.009 | 0.022 | 0.003 | 0.007 |
| 2024 | 0.785 | 0.038 | 0.012 | 0.066 | 0.007 | 0.013 | 0.038 | 0.004 | 0.009 | 0.021 | 0.003 | 0.007 |
| 2025 | 0.785 | 0.033 | 0.012 | 0.061 | 0.006 | 0.013 | 0.036 | 0.004 | 0.009 | 0.020 | 0.003 | 0.007 |
| 2026 | 0.785 | 0.028 | 0.012 | 0.056 | 0.006 | 0.013 | 0.033 | 0.004 | 0.009 | 0.019 | 0.003 | 0.007 |
| 2027 | 0.785 | 0.024 | 0.012 | 0.052 | 0.006 | 0.013 | 0.031 | 0.004 | 0.009 | 0.017 | 0.003 | 0.007 |
| 2028 | 0.785 | 0.021 | 0.011 | 0.047 | 0.006 | 0.012 | 0.029 | 0.004 | 0.009 | 0.016 | 0.003 | 0.007 |
| 2029 | 0.785 | 0.019 | 0.011 | 0.043 | 0.006 | 0.012 | 0.027 | 0.004 | 0.008 | 0.015 | 0.003 | 0.007 |
| 2030 | 0.785 | 0.017 | 0.011 | 0.040 | 0.006 | 0.012 | 0.025 | 0.004 | 0.008 | 0.014 | 0.003 | 0.007 |
| 2031 | 0.785 | 0.015 | 0.011 | 0.036 | 0.006 | 0.012 | 0.023 | 0.004 | 0.008 | 0.013 | 0.003 | 0.007 |
| 2032 | 0.786 | 0.014 | 0.011 | 0.033 | 0.006 | 0.012 | 0.021 | 0.004 | 0.008 | 0.013 | 0.003 | 0.007 |
| 2033 | 0.787 | 0.012 | 0.011 | 0.030 | 0.005 | 0.012 | 0.020 | 0.004 | 0.008 | 0.012 | 0.003 | 0.007 |
| 2034 | 0.788 | 0.011 | 0.011 | 0.028 | 0.005 | 0.011 | 0.019 | 0.004 | 0.008 | 0.011 | 0.003 | 0.007 |
| 2035 | 0.789 | 0.011 | 0.010 | 0.026 | 0.005 | 0.011 | 0.018 | 0.004 | 0.008 | 0.011 | 0.003 | 0.007 |
| 2036 | 0.790 | 0.010 | 0.010 | 0.024 | 0.005 | 0.011 | 0.017 | 0.004 | 0.008 | 0.010 | 0.003 | 0.007 |
| 2037 | 0.791 | 0.009 | 0.010 | 0.022 | 0.005 | 0.011 | 0.016 | 0.004 | 0.008 | 0.009 | 0.003 | 0.007 |
| 2038 | 0.792 | 0.009 | 0.010 | 0.021 | 0.005 | 0.011 | 0.015 | 0.004 | 0.008 | 0.009 | 0.003 | 0.007 |
| 2039 | 0.793 | 0.009 | 0.010 | 0.019 | 0.005 | 0.011 | 0.014 | 0.004 | 0.008 | 0.009 | 0.003 | 0.007 |
| 2040 | 0.794 | 0.008 | 0.010 | 0.018 | 0.005 | 0.011 | 0.013 | 0.004 | 0.008 | 0.008 | 0.003 | 0.007 |
| 2041 | 0.794 | 0.008 | 0.010 | 0.017 | 0.005 | 0.011 | 0.013 | 0.003 | 0.008 | 0.008 | 0.003 | 0.007 |
| 2042 | 0.795 | 0.008 | 0.010 | 0.016 | 0.005 | 0.011 | 0.012 | 0.003 | 0.008 | 0.008 | 0.003 | 0.007 |
| 2043 | 0.796 | 0.008 | 0.010 | 0.015 | 0.005 | 0.011 | 0.012 | 0.003 | 0.008 | 0.007 | 0.003 | 0.007 |
| 2044 | 0.796 | 0.008 | 0.010 | 0.015 | 0.005 | 0.011 | 0.011 | 0.003 | 0.008 | 0.007 | 0.003 | 0.007 |
| 2045 | 0.797 | 0.008 | 0.010 | 0.014 | 0.005 | 0.011 | 0.011 | 0.003 | 0.008 | 0.007 | 0.003 | 0.007 |
| 2046 | 0.797 | 0.008 | 0.010 | 0.013 | 0.005 | 0.011 | 0.011 | 0.003 | 0.008 | 0.007 | 0.003 | 0.007 |
| 2047 | 0.797 | 0.007 | 0.010 | 0.013 | 0.005 | 0.011 | 0.010 | 0.003 | 0.008 | 0.007 | 0.003 | 0.007 |
| 2048 | 0.798 | 0.007 | 0.010 | 0.013 | 0.005 | 0.011 | 0.010 | 0.003 | 0.008 | 0.007 | 0.003 | 0.007 |
| 2049 | 0.798 | 0.007 | 0.010 | 0.012 | 0.005 | 0.011 | 0.010 | 0.003 | 0.008 | 0.006 | 0.003 | 0.007 |
| 2050 | 0.798 | 0.007 | 0.010 | 0.012 | 0.005 | 0.011 | 0.010 | 0.003 | 0.008 | 0.006 | 0.003 | 0.007 |
| 2051 | 0.798 | 0.007 | 0.010 | 0.012 | 0.005 | 0.011 | 0.010 | 0.003 | 0.008 | 0.006 | 0.003 | 0.007 |
| | | | | | | | | | | | | |
| -.25 to 0 | 0.787 | 0.147 | 0.015 | 0.077 | 0.070 | 0.043 | 0.043 | 0.049 | 0.027 | 0.023 | 0.034 | 0.017 |
| 0 to 2 | 0.787 | 0.095 | 0.014 | 0.074 | 0.038 | 0.028 | 0.042 | 0.027 | 0.018 | 0.023 | 0.019 | 0.012 |
| 2 to 16 | 0.786 | 0.030 | 0.012 | 0.046 | 0.010 | 0.014 | 0.028 | 0.007 | 0.010 | 0.016 | 0.005 | 0.008 |
| 16 to 30 | 0.786 | 0.030 | 0.012 | 0.046 | 0.010 | 0.014 | 0.028 | 0.007 | 0.010 | 0.016 | 0.005 | 0.008 |

| Project Road Segment Emission Rates Truck Mix ¹ | | | | | | | | | | | | |
|--|-------|------------|--|-------|--|--|--------|------------|--|--------|------------|--|
| Speed▶ | 0 mph | | | 5 mph | | | 15 mph | | | 30 mph | | |
| Road # ▼ | | | | | | | | | | | | |
| 1) | | | | | | | | | | | | |
| -.25 to 0 | | | | | | | 0.035 | grams/mile | | | | |
| 0 to 2 | | | | | | | 0.024 | grams/mile | | | | |
| 2 to 16 | | | | | | | 0.012 | grams/mile | | | | |
| 16 to 30 | | | | | | | 0.012 | grams/mile | | | | |
| 2) | | | | | | | | | | | | |
| -.25 to 0 | | | | | | | | | | | | |
| 0 to 2 | | | | | | | | | | | | |
| 2 to 16 | | | | | | | | | | | | |
| 16 to 30 | | | | | | | | | | | | |
| 3) | | | | | | | | | | | | |
| -.25 to 0 | | | | | | | | | | 0.022 | grams/mile | |
| 0 to 2 | | | | | | | | | | 0.015 | grams/mile | |
| 2 to 16 | | | | | | | | | | 0.009 | grams/mile | |
| 16 to 30 | | | | | | | | | | 0.009 | grams/mile | |
| 4) | | | | | | | | | | | | |
| -.25 to 0 | | | | | | | | | | 0.022 | grams/mile | |
| 0 to 2 | | | | | | | | | | 0.015 | grams/mile | |
| 2 to 16 | | | | | | | | | | 0.009 | grams/mile | |
| 16 to 30 | | | | | | | | | | 0.009 | grams/mile | |
| 5) - On-site Travel | | | | | | | | | | | | |
| -.25 to 0 | | | | | | | 0.055 | grams/mile | | | | |
| 0 to 2 | | | | | | | 0.038 | grams/mile | | | | |
| 2 to 16 | | | | | | | 0.019 | grams/mile | | | | |
| 16 to 30 | | | | | | | 0.019 | grams/mile | | | | |
| 6) Idling | | | | | | | | | | | | |
| -.25 to 0 | 0.171 | grams/mile | | | | | | | | | | |
| 0 to 2 | 0.159 | grams/mile | | | | | | | | | | |
| 2 to 16 | 0.143 | grams/mile | | | | | | | | | | |
| 16 to 30 | 0.143 | grams/mile | | | | | | | | | | |

Note: ¹ Project truck mix based on Traffic Study, calculated on following tab.

Project Truck Mix

| Roadway Segment | Link Segment Description | 2 Axle | % of total | 3 Axle | % of total | 4+ Axle | % of total | total # of trucks |
|------------------------|-------------------------------------|---------------|-------------------|---------------|-------------------|----------------|-------------------|--------------------------|
| Redlands Avenue | B/n South Driveway and Rider Street | 30 | 16.5 | 39 | 21.4 | 113 | 62.1 | 182 |
| Rider Street | B/n Redlands Ave and Indian Ave | 30 | 16.5 | 39 | 21.4 | 113 | 62.1 | 182 |
| Indian Avenue | B/n Rider St and Placentia Ave | 30 | 16.5 | 39 | 21.4 | 113 | 62.1 | 182 |
| Placentia Avenue | B/n Indian Avenue and 215 On Ramps | 30 | 16.5 | 39 | 21.4 | 113 | 62.1 | 182 |

Roadway Links Modeled (2022) - Project Only Trucks

| Roadway Segment | Link Segment Description | Vol Source Spacing (ft) | Vol Source Spacing (m) | Average Speed (mph) | Age | Emission Factor (g/mi) | Project Truck ADT | Length (m) | Total Line Emission Rate (g/s) | SLINE # |
|------------------|-------------------------------------|-------------------------|------------------------|---------------------|-----------|------------------------|-------------------|------------|--------------------------------|---------|
| Redlands Avenue | B/n South Driveway and Rider Street | 28.18 | 8.59 | 15 | -.25 to 0 | 0.035 | 182 | 331.60 | 1.504E-05 | 1 |
| | | | | | 0 to 2 | 0.024 | | | 1.037E-05 | |
| | | | | | 2 to 16 | 0.012 | | | 5.235E-06 | |
| | | | | | 16 to 30 | 0.012 | | | 5.235E-06 | |
| Rider Street | B/n Redlands Ave and Indian Ave | 28.18 | 8.59 | 35 | -.25 to 0 | 0.022 | 182 | 1,604.60 | 4.567E-05 | 2 |
| | | | | | 0 to 2 | 0.016 | | | 3.283E-05 | |
| | | | | | 2 to 16 | 0.009 | | | 1.951E-05 | |
| | | | | | 16 to 30 | 0.009 | | | 1.951E-05 | |
| Indian Avenue | B/n Rider St and Placentia Ave | 28.18 | 8.59 | 30 | -.25 to 0 | 0.022 | 182 | 800.80 | 2.304E-05 | 3 |
| | | | | | 0 to 2 | 0.015 | | | 1.623E-05 | |
| | | | | | 2 to 16 | 0.009 | | | 9.047E-06 | |
| | | | | | 16 to 30 | 0.009 | | | 9.047E-06 | |
| Placentia Avenue | B/n Indian Avenue and 215 On Ramps | 28.18 | 8.59 | 30 | -.25 to 0 | 0.022 | 182 | 572.60 | 1.647E-05 | 4 |
| | | | | | 0 to 2 | 0.015 | | | 1.161E-05 | |
| | | | | | 2 to 16 | 0.009 | | | 6.469E-06 | |
| | | | | | 16 to 30 | 0.009 | | | 6.469E-06 | |

On-Site Travel

| Roadway | Vol Source Spacing (ft) | Vol Source Spacing (m) | Average Speed (mph) | Age | Emission Factor (g/mi) | Project Truck ADT | Length (m) | Total Line Emission Rate (g/s) | SLINE # |
|-------------|-------------------------|------------------------|---------------------|-----------|------------------------|-------------------|------------|--------------------------------|---------|
| Drive Aisle | 28.18 | 8.59 | 5 | -.25 to 0 | 0.055 | 182 | 493 | 3.530E-05 | 5 |
| | | | | 0 to 2 | 0.038 | | | 2.452E-05 | |
| | | | | 2 to 16 | 0.019 | | | 1.200E-05 | |
| | | | | 16 to 30 | 0.019 | | | 1.200E-05 | |

Truck Idling (15 min)

| Location | Vol Source Spacing (ft) | Vol Source Spacing (m) | Project Trucks | Age | Idling Time (min) | Emission Factor (g/hr) | Loading Areas | Total Line Emission Rate (g/s) | SLINE # |
|--------------|-------------------------|------------------------|----------------|-----------|-------------------|------------------------|---------------|--------------------------------|---------|
| Loading Area | 28.18 | 8.59 | 182 | -.25 to 0 | 15 | 0.171 | 1 | 8.987E-05 | 6 |
| | | | | 0 to 2 | | 0.159 | | 8.362E-05 | |
| | | | | 2 to 16 | | 0.143 | | 7.546E-05 | |
| | | | | 16 to 30 | | 0.143 | | 7.544E-05 | |

Project Only trucks are estimated percentages of the total truck trips generated in the Traffic Study.

Truck Idling (5 min)

| Location | Vol Source Spacing (ft) | Vol Source Spacing (m) | Project Trucks | Age | Idling Time (min) | Emission Factor (g/hr) | Loading Areas | Total Line Emission Rate (g/s) | SLINE # |
|--------------|-------------------------|------------------------|----------------|-----------|-------------------|------------------------|---------------|--------------------------------|---------|
| Loading Area | 0.00 | 0.00 | 182 | -.25 to 0 | 5 | 0.171 | 1 | 2.996E-05 | 6 |
| | | | | 0 to 2 | | 0.159 | | 2.787E-05 | |
| | | | | 2 to 16 | | 0.143 | | 2.515E-05 | |
| | | | | 16 to 30 | | 0.143 | | 2.515E-05 | |

Project Only trucks are estimated percentages of the total truck trips generated in the Traffic Study.

MICR Calculations

Data for Table 4, 2022 Project Cancer Risk at Sensitive Receptors

| Receptor | Age Bin | DPM* Conc (µg/m3) | DBR** (Daily Breathing rate) | Age Specific Factor** | Exposure Duration** | Fraction of Time at Home** | EF** (Exposure Frequency) | | CP*** (Cancer Potency Factor) | MICR (Maximum Individual Cancer Risk) | Cancer risk per million |
|--------------|------------|-------------------------|---------------------------------------|-----------------------------|------------------------|----------------------------------|---------------------------------|----------|--|---|----------------------------|
| 1 | -0.25 to 0 | 0.00484 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.59E-08 | 0.1 |
| | 0 to 2 | 0.00397 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.31E-06 | 1.3 |
| | 2 to 16 | 0.00295 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.07E-06 | 1.1 |
| | 16 to 30 | 0.00295 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 1.19E-07 | 0.1 |
| Total | | | | | | | | | | 2.56E-06 | 2.6 |
| 2 | -0.25 to 0 | 0.01096 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.49E-07 | 0.1 |
| | 0 to 2 | 0.00877 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.88E-06 | 2.9 |
| | 2 to 16 | 0.00618 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.24E-06 | 2.2 |
| | 16 to 30 | 0.00618 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 2.49E-07 | 0.2 |
| Total | | | | | | | | | | 5.52E-06 | 5.5 |
| 3 | -0.25 to 0 | 0.02469 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 3.36E-07 | 0.3 |
| | 0 to 2 | 0.02067 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.80E-06 | 6.8 |
| | 2 to 16 | 0.01587 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.75E-06 | 5.8 |
| | 16 to 30 | 0.01587 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.39E-07 | 0.6 |
| Total | | | | | | | | | | 1.35E-05 | 13.5 |
| 4 | -0.25 to 0 | 0.03277 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.46E-07 | 0.4 |
| | 0 to 2 | 0.02808 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 9.23E-06 | 9.2 |
| | 2 to 16 | 0.02242 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.13E-06 | 8.1 |
| | 16 to 30 | 0.02242 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 9.02E-07 | 0.9 |
| Total | | | | | | | | | | 1.87E-05 | 18.7 |
| 5 | -0.25 to 0 | 0.03419 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.65E-07 | 0.5 |
| | 0 to 2 | 0.02937 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 9.66E-06 | 9.7 |
| | 2 to 16 | 0.02354 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.53E-06 | 8.5 |
| | 16 to 30 | 0.02354 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 9.47E-07 | 0.9 |
| Total | | | | | | | | | | 1.96E-05 | 19.6 |
| 6 | -0.25 to 0 | 0.03225 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.39E-07 | 0.4 |
| | 0 to 2 | 0.02755 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 9.06E-06 | 9.1 |
| | 2 to 16 | 0.02354 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.53E-06 | 8.5 |
| | 16 to 30 | 0.02354 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 9.47E-07 | 0.9 |
| Total | | | | | | | | | | 1.90E-05 | 19.0 |
| 7 | -0.25 to 0 | 0.00553 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 7.53E-08 | 0.1 |
| | 0 to 2 | 0.00412 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.35E-06 | 1.4 |
| | 2 to 16 | 0.00262 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 9.50E-07 | 0.9 |
| | 16 to 30 | 0.00262 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 1.05E-07 | 0.1 |
| Total | | | | | | | | | | 2.49E-06 | 2.5 |
| 8 | -0.25 to 0 | 0.00357 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.86E-08 | 0.0 |
| | 0 to 2 | 0.00262 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.62E-07 | 0.9 |
| | 2 to 16 | 0.00161 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.83E-07 | 0.6 |
| | 16 to 30 | 0.00161 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.48E-08 | 0.1 |
| Total | | | | | | | | | | 1.56E-06 | 1.6 |
| 9 | -0.25 to 0 | 0.00466 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.34E-08 | 0.1 |
| | 0 to 2 | 0.0033 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.09E-06 | 1.1 |
| | 2 to 16 | 0.00186 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.74E-07 | 0.7 |
| | 16 to 30 | 0.00186 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.48E-08 | 0.1 |
| Total | | | | | | | | | | 1.90E-06 | 1.9 |
| 10 | -0.25 to 0 | 0.00456 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.21E-08 | 0.1 |
| | 0 to 2 | 0.00322 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.06E-06 | 1.1 |
| | 2 to 16 | 0.00181 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.56E-07 | 0.7 |
| | 16 to 30 | 0.00181 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.28E-08 | 0.1 |
| Total | | | | | | | | | | 1.85E-06 | 1.8 |
| 11 | -0.25 to 0 | 0.00437 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.95E-08 | 0.1 |
| | 0 to 2 | 0.00309 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.02E-06 | 1.0 |
| | 2 to 16 | 0.00174 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.31E-07 | 0.6 |
| | 16 to 30 | 0.00174 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.00E-08 | 0.1 |
| Total | | | | | | | | | | 1.78E-06 | 1.8 |
| 12 | -0.25 to 0 | 0.00426 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.80E-08 | 0.1 |
| | 0 to 2 | 0.00302 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 9.93E-07 | 1.0 |
| | 2 to 16 | 0.00170 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.16E-07 | 0.6 |
| | 16 to 30 | 0.00170 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.84E-08 | 0.1 |
| Total | | | | | | | | | | 1.74E-06 | 1.7 |
| 13 | -0.25 to 0 | 0.00441 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.00E-08 | 0.1 |
| | 0 to 2 | 0.00312 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.03E-06 | 1.0 |
| | 2 to 16 | 0.00175 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.34E-07 | 0.6 |
| | 16 to 30 | 0.00175 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.04E-08 | 0.1 |
| Total | | | | | | | | | | 1.79E-06 | 1.8 |

| | | | | | | | | | | | |
|--------------|------------|---------|------|----|------|------|------|----------|-----|-----------------|------------|
| 14 | -0.25 to 0 | 0.00467 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.36E-08 | 0.1 |
| | 0 to 2 | 0.00331 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.09E-06 | 1.1 |
| | 2 to 16 | 0.00186 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.74E-07 | 0.7 |
| | 16 to 30 | 0.00186 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.48E-08 | 0.1 |
| Total | | | | | | | | | | 1.90E-06 | 1.9 |
| 15 | -0.25 to 0 | 0.00481 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.55E-08 | 0.1 |
| | 0 to 2 | 0.00340 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.12E-06 | 1.1 |
| | 2 to 16 | 0.00191 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.92E-07 | 0.7 |
| | 16 to 30 | 0.00191 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.69E-08 | 0.1 |
| Total | | | | | | | | | | 1.95E-06 | 2.0 |
| 16 | -0.25 to 0 | 0.0048 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.54E-08 | 0.1 |
| | 0 to 2 | 0.0034 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.12E-06 | 1.1 |
| | 2 to 16 | 0.00191 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.92E-07 | 0.7 |
| | 16 to 30 | 0.00191 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.69E-08 | 0.1 |
| Total | | | | | | | | | | 1.95E-06 | 2.0 |
| 17 | -0.25 to 0 | 0.00439 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.98E-08 | 0.1 |
| | 0 to 2 | 0.00311 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.02E-06 | 1.0 |
| | 2 to 16 | 0.00175 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.34E-07 | 0.6 |
| | 16 to 30 | 0.00175 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.04E-08 | 0.1 |
| Total | | | | | | | | | | 1.79E-06 | 1.8 |
| 18 | -0.25 to 0 | 0.00462 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.29E-08 | 0.1 |
| | 0 to 2 | 0.00327 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.08E-06 | 1.1 |
| | 2 to 16 | 0.00184 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.67E-07 | 0.7 |
| | 16 to 30 | 0.00184 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.40E-08 | 0.1 |
| Total | | | | | | | | | | 1.88E-06 | 1.9 |
| 19 | -0.25 to 0 | 0.0008 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.09E-08 | 0.0 |
| | 0 to 2 | 0.00058 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.91E-07 | 0.2 |
| | 2 to 16 | 0.00034 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.23E-07 | 0.1 |
| | 16 to 30 | 0.00034 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 1.37E-08 | 0.0 |
| Total | | | | | | | | | | 3.39E-07 | 0.3 |
| 20 | -0.25 to 0 | 0.00055 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 7.49E-09 | 0.0 |
| | 0 to 2 | 0.00040 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.32E-07 | 0.1 |
| | 2 to 16 | 0.00024 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.70E-08 | 0.1 |
| | 16 to 30 | 0.00024 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 9.66E-09 | 0.0 |
| Total | | | | | | | | | | 2.36E-07 | 0.2 |

Data for Table 4, 2022 Project Cancer Risk at School Child Receptors

| Receptor | Age Bin | DPM* Conc (µg/m3) | DBR** (Daily Breathing rate) | Age Specific Factor** | Exposure Duration** | Fraction of Time at Home** | EF** (Exposure Frequency) | | CP*** (Cancer Potency Factor) | MICR (Maximum Individual Cancer Risk) | Cancer risk per million |
|----------|---------|-------------------------|---------------------------------------|-----------------------------|------------------------|----------------------------------|---------------------------------|----------|--|---|----------------------------|
| 21 | 2 to 9 | 0.00036 | 631 | 3 | 7 | 1 | 0.96 | 1.00E-06 | 1.1 | 7.20E-08 | 0.1 |

Note: DPM concentration from the 0 to 2 year age bin was used to provide a more conservative analysis.

Data for Table 4, 2022 Project Cancer Risk at Off-Site Workers in Project Vicinity

| Receptor | DPM* Conc (µg/m3) | DBR** (Daily Breathing rate) | Exposure Duration** | EF** (Exposure Frequency) | | CP*** (Cancer Potency Factor) | MICR (Maximum Individual Cancer Risk) | Cancer risk per million |
|----------|-------------------------|---------------------------------------|------------------------|---------------------------------|----------|--|--|-------------------------------|
| 22 | 0.00152 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 9.34E-08 | 0.1 |
| 23 | 0.00148 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 9.09E-08 | 0.1 |
| 24 | 0.00241 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 1.48E-07 | 0.1 |
| 25 | 0.00248 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 1.52E-07 | 0.2 |
| Max | 0.04097 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 2.52E-06 | 2.5 |

* DPM concentration calculated by AERMOD

** Values from Table 4.0 of 2017 Permit Application Package "N" For Use in Conjunction with SCAQMD Risk Assessment Procedures for Rules 1401, 1401.1, and 212 version 8.1

*** CP for DPM value from Table 2.0 of 2017 Permit Application Package "N"

MICR Calculations

Data for Table 5, 2022 Project Cancer Risk at Sensitive Receptors with Mitigation

| Receptor | Age Bin | DPM* Conc (µg/m3) | DBR** (Daily Breathing rate) | Age Specific Factor** | Exposure Duration** | Fraction of Time at Home** | EF** (Exposure Frequency) | | CP*** (Cancer Potency Factor) | MICR (Maximum Individual Cancer Risk) | Cancer risk per million |
|--------------|------------|-------------------------|---------------------------------------|-----------------------------|------------------------|----------------------------------|---------------------------------|----------|--|---|----------------------------|
| 1 | -0.25 to 0 | 0.00311 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.23E-08 | 0.0 |
| | 0 to 2 | 0.00237 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 7.79E-07 | 0.8 |
| | 2 to 16 | 0.00150 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.44E-07 | 0.5 |
| | 16 to 30 | 0.00510 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 2.05E-07 | 0.2 |
| Total | | | | | | | | | | 1.57E-06 | 1.6 |
| 2 | -0.25 to 0 | 0.0077 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.05E-07 | 0.1 |
| | 0 to 2 | 0.00573 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.88E-06 | 1.9 |
| | 2 to 16 | 0.00344 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.25E-06 | 1.2 |
| | 16 to 30 | 0.00344 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 1.38E-07 | 0.1 |
| Total | | | | | | | | | | 3.37E-06 | 3.4 |
| 3 | -0.25 to 0 | 0.01473 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.01E-07 | 0.2 |
| | 0 to 2 | 0.01141 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 3.75E-06 | 3.8 |
| | 2 to 16 | 0.00751 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.72E-06 | 2.7 |
| | 16 to 30 | 0.00751 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 3.02E-07 | 0.3 |
| Total | | | | | | | | | | 6.98E-06 | 7.0 |
| 4 | -0.25 to 0 | 0.01774 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.42E-07 | 0.2 |
| | 0 to 2 | 0.01409 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.63E-06 | 4.6 |
| | 2 to 16 | 0.0098 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 3.55E-06 | 3.6 |
| | 16 to 30 | 0.0098 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 3.94E-07 | 0.4 |
| Total | | | | | | | | | | 8.82E-06 | 8.8 |
| 5 | -0.25 to 0 | 0.01831 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.49E-07 | 0.2 |
| | 0 to 2 | 0.01459 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.80E-06 | 4.8 |
| | 2 to 16 | 0.01020 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 3.70E-06 | 3.7 |
| | 16 to 30 | 0.01020 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 4.10E-07 | 0.4 |
| Total | | | | | | | | | | 9.15E-06 | 9.2 |
| 6 | -0.25 to 0 | 0.0177 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 2.41E-07 | 0.2 |
| | 0 to 2 | 0.01401 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.61E-06 | 4.6 |
| | 2 to 16 | 0.00967 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 3.50E-06 | 3.5 |
| | 16 to 30 | 0.00967 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 3.89E-07 | 0.4 |
| Total | | | | | | | | | | 8.74E-06 | 8.7 |
| 7 | -0.25 to 0 | 0.00504 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.86E-08 | 0.1 |
| | 0 to 2 | 0.00366 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.20E-06 | 1.2 |
| | 2 to 16 | 0.00221 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.01E-07 | 0.8 |
| | 16 to 30 | 0.00221 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 8.89E-08 | 0.1 |
| Total | | | | | | | | | | 2.16E-06 | 2.2 |
| 8 | -0.25 to 0 | 0.00341 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 4.64E-08 | 0.0 |
| | 0 to 2 | 0.00247 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 8.12E-07 | 0.8 |
| | 2 to 16 | 0.00148 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.36E-07 | 0.5 |
| | 16 to 30 | 0.00148 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 5.96E-08 | 0.1 |
| Total | | | | | | | | | | 1.45E-06 | 1.5 |
| 9 | -0.25 to 0 | 0.00463 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.30E-08 | 0.1 |
| | 0 to 2 | 0.00326 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.07E-06 | 1.1 |
| | 2 to 16 | 0.00183 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.63E-07 | 0.7 |
| | 16 to 30 | 0.00183 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.36E-08 | 0.1 |
| Total | | | | | | | | | | 1.87E-06 | 1.9 |
| 10 | -0.25 to 0 | 0.00453 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.17E-08 | 0.1 |
| | 0 to 2 | 0.00319 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.05E-06 | 1.0 |
| | 2 to 16 | 0.00179 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.49E-07 | 0.6 |
| | 16 to 30 | 0.00179 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.20E-08 | 0.1 |
| Total | | | | | | | | | | 1.83E-06 | 1.8 |
| 11 | -0.25 to 0 | 0.00434 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.91E-08 | 0.1 |
| | 0 to 2 | 0.00306 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.01E-06 | 1.0 |
| | 2 to 16 | 0.00171 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.20E-07 | 0.6 |
| | 16 to 30 | 0.00171 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.88E-08 | 0.1 |
| Total | | | | | | | | | | 1.75E-06 | 1.8 |
| 12 | -0.25 to 0 | 0.00423 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.76E-08 | 0.1 |
| | 0 to 2 | 0.00299 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 9.83E-07 | 1.0 |
| | 2 to 16 | 0.00167 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.05E-07 | 0.6 |
| | 16 to 30 | 0.00167 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.72E-08 | 0.1 |
| Total | | | | | | | | | | 1.71E-06 | 1.7 |
| 13 | -0.25 to 0 | 0.00437 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.95E-08 | 0.1 |
| | 0 to 2 | 0.00309 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.02E-06 | 1.0 |
| | 2 to 16 | 0.00173 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.27E-07 | 0.6 |
| | 16 to 30 | 0.00173 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.96E-08 | 0.1 |
| Total | | | | | | | | | | 1.77E-06 | 1.8 |

| | | | | | | | | | | | |
|--------------|------------|---------|------|----|------|------|------|----------|-----|-----------------|------------|
| 14 | -0.25 to 0 | 0.00464 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.32E-08 | 0.1 |
| | 0 to 2 | 0.00327 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.08E-06 | 1.1 |
| | 2 to 16 | 0.00183 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.63E-07 | 0.7 |
| | 16 to 30 | 0.00183 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.36E-08 | 0.1 |
| Total | | | | | | | | | | 1.88E-06 | 1.9 |
| 15 | -0.25 to 0 | 0.00477 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.49E-08 | 0.1 |
| | 0 to 2 | 0.00337 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.11E-06 | 1.1 |
| | 2 to 16 | 0.00188 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.81E-07 | 0.7 |
| | 16 to 30 | 0.00188 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.57E-08 | 0.1 |
| Total | | | | | | | | | | 1.93E-06 | 1.9 |
| 16 | -0.25 to 0 | 0.00477 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.49E-08 | 0.1 |
| | 0 to 2 | 0.00337 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.11E-06 | 1.1 |
| | 2 to 16 | 0.00188 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.81E-07 | 0.7 |
| | 16 to 30 | 0.00188 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.57E-08 | 0.1 |
| Total | | | | | | | | | | 1.93E-06 | 1.9 |
| 17 | -0.25 to 0 | 0.00436 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 5.94E-08 | 0.1 |
| | 0 to 2 | 0.00308 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.01E-06 | 1.0 |
| | 2 to 16 | 0.00172 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.23E-07 | 0.6 |
| | 16 to 30 | 0.00172 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 6.92E-08 | 0.1 |
| Total | | | | | | | | | | 1.76E-06 | 1.8 |
| 18 | -0.25 to 0 | 0.00459 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.25E-08 | 0.1 |
| | 0 to 2 | 0.00324 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.07E-06 | 1.1 |
| | 2 to 16 | 0.00181 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.56E-07 | 0.7 |
| | 16 to 30 | 0.00181 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 7.28E-08 | 0.1 |
| Total | | | | | | | | | | 1.86E-06 | 1.9 |
| 19 | -0.25 to 0 | 0.00077 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.05E-08 | 0.0 |
| | 0 to 2 | 0.00055 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.81E-07 | 0.2 |
| | 2 to 16 | 0.00031 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.12E-07 | 0.1 |
| | 16 to 30 | 0.00031 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 1.25E-08 | 0.0 |
| Total | | | | | | | | | | 3.16E-07 | 0.3 |
| 20 | -0.25 to 0 | 0.00052 | 361 | 10 | 0.25 | 1 | 0.96 | 1.00E-06 | 1.1 | 7.08E-09 | 0.0 |
| | 0 to 2 | 0.00037 | 1090 | 10 | 2 | 1 | 0.96 | 1.00E-06 | 1.1 | 1.22E-07 | 0.1 |
| | 2 to 16 | 0.00021 | 572 | 3 | 14 | 1 | 0.96 | 1.00E-06 | 1.1 | 7.61E-08 | 0.1 |
| | 16 to 30 | 0.00021 | 261 | 1 | 14 | 0.73 | 0.96 | 1.00E-06 | 1.1 | 8.45E-09 | 0.0 |
| Total | | | | | | | | | | 2.13E-07 | 0.2 |

Data for Table 5, 2022 Project Cancer Risk at School Receptors with Mitigation

| Receptor | Age Bin | DPM* Conc (µg/m3) | DBR** (Daily Breathing rate) | Age Specific Factor** | Exposure Duration** | Fraction of Time at Home** | EF** (Exposure Frequency) | CP*** (Cancer Potency Factor) | MICR (Maximum Individual Cancer Risk) | Cancer risk per million | |
|----------|---------|-------------------------|---------------------------------------|-----------------------------|------------------------|----------------------------------|---------------------------------|--|---|----------------------------|-----|
| 21 | 2 to 9 | 0.00033 | 631 | 3 | 7 | 1 | 0.96 | 1.00E-06 | 1.1 | 6.60E-08 | 0.1 |

Note: DPM concentration from the 0 to 2 year age bin was used to provide a more conservative analysis.

Data for Table 5, 2022 Project Cancer Risk at Off-Site Workers in Project Vicinity with Mitigation

| Receptor | DPM* Conc (µg/m3) | DBR** (Daily Breathing rate) | Exposure Duration** | EF** (Exposure Frequency) | CP*** (Cancer Potency Factor) | MICR (Maximum Individual Cancer Risk) | Cancer risk per million | |
|----------|-------------------------|---------------------------------------|------------------------|---------------------------------|--|--|-------------------------------|-----|
| 22 | 0.00068 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 4.18E-08 | 0.0 |
| 23 | 0.00066 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 4.06E-08 | 0.0 |
| 24 | 0.00135 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 8.29E-08 | 0.1 |
| 25 | 0.00205 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 1.26E-07 | 0.1 |
| Max | 0.01502 | 230 | 25 | 0.68 | 1.00E-06 | 1.1 | 9.23E-07 | 0.9 |

* DPM concentration calculated by AERMOD

** Values from Table 4.0 of 2017 Permit Application Package "N" For Use in Conjunction with SCAQMD Risk Assessment Procedures for Rules 1401, 1401.1, and 212 version 8.1

*** CP for DPM value from Table 2.0 of 2017 Permit Application Package "N"

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 7/27/2020
** File: C:\Users\eliza\Desktop\FIR Redlands\ProjectAB1\ProjectAB1\ProjectAB1.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE First Industrial Warehouse at Rider and Redlands
  TITLETWO Project Only DPM Concentrations (2022) AB1
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL ProjectAB1.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 Redlands Ave b/n South Project Driveway and Rider St
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001504
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479888.795, 3743008.989, 439.00, 3.49, 4.00
** 479889.111, 3743340.543, 439.08, 3.49, 4.00
** -----
  LOCATION L000001      VOLUME    479888.799 3743013.284 439.00

```

| LOCATION | VOLUME | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0000002 | VOLUME | 479888.807 | 3743021.874 | 439.00 |
| LOCATION L0000003 | VOLUME | 479888.816 | 3743030.464 | 439.00 |
| LOCATION L0000004 | VOLUME | 479888.824 | 3743039.054 | 439.00 |
| LOCATION L0000005 | VOLUME | 479888.832 | 3743047.644 | 439.00 |
| LOCATION L0000006 | VOLUME | 479888.840 | 3743056.234 | 439.00 |
| LOCATION L0000007 | VOLUME | 479888.848 | 3743064.824 | 439.00 |
| LOCATION L0000008 | VOLUME | 479888.857 | 3743073.414 | 439.00 |
| LOCATION L0000009 | VOLUME | 479888.865 | 3743082.004 | 439.00 |
| LOCATION L0000010 | VOLUME | 479888.873 | 3743090.594 | 439.00 |
| LOCATION L0000011 | VOLUME | 479888.881 | 3743099.184 | 439.00 |
| LOCATION L0000012 | VOLUME | 479888.889 | 3743107.774 | 439.00 |
| LOCATION L0000013 | VOLUME | 479888.898 | 3743116.364 | 439.00 |
| LOCATION L0000014 | VOLUME | 479888.906 | 3743124.954 | 439.01 |
| LOCATION L0000015 | VOLUME | 479888.914 | 3743133.544 | 439.02 |
| LOCATION L0000016 | VOLUME | 479888.922 | 3743142.134 | 439.03 |
| LOCATION L0000017 | VOLUME | 479888.930 | 3743150.724 | 439.03 |
| LOCATION L0000018 | VOLUME | 479888.939 | 3743159.314 | 439.03 |
| LOCATION L0000019 | VOLUME | 479888.947 | 3743167.904 | 439.03 |
| LOCATION L0000020 | VOLUME | 479888.955 | 3743176.494 | 439.03 |
| LOCATION L0000021 | VOLUME | 479888.963 | 3743185.084 | 439.03 |
| LOCATION L0000022 | VOLUME | 479888.971 | 3743193.674 | 439.03 |
| LOCATION L0000023 | VOLUME | 479888.980 | 3743202.264 | 439.03 |
| LOCATION L0000024 | VOLUME | 479888.988 | 3743210.854 | 439.03 |
| LOCATION L0000025 | VOLUME | 479888.996 | 3743219.444 | 439.03 |
| LOCATION L0000026 | VOLUME | 479889.004 | 3743228.034 | 439.03 |
| LOCATION L0000027 | VOLUME | 479889.012 | 3743236.624 | 439.03 |
| LOCATION L0000028 | VOLUME | 479889.020 | 3743245.214 | 439.03 |
| LOCATION L0000029 | VOLUME | 479889.029 | 3743253.804 | 439.03 |
| LOCATION L0000030 | VOLUME | 479889.037 | 3743262.394 | 439.03 |
| LOCATION L0000031 | VOLUME | 479889.045 | 3743270.984 | 439.03 |
| LOCATION L0000032 | VOLUME | 479889.053 | 3743279.574 | 439.03 |
| LOCATION L0000033 | VOLUME | 479889.061 | 3743288.164 | 439.03 |
| LOCATION L0000034 | VOLUME | 479889.070 | 3743296.754 | 439.03 |
| LOCATION L0000035 | VOLUME | 479889.078 | 3743305.344 | 439.03 |
| LOCATION L0000036 | VOLUME | 479889.086 | 3743313.934 | 439.03 |
| LOCATION L0000037 | VOLUME | 479889.094 | 3743322.524 | 439.03 |
| LOCATION L0000038 | VOLUME | 479889.102 | 3743331.114 | 439.03 |
| LOCATION L0000039 | VOLUME | 479889.111 | 3743339.704 | 439.03 |

```

** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Rider St b/n Redlands Ave and Indian Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00004567
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479877.508, 3743340.588, 439.62, 3.49, 4.00

```

** 478273.056, 3743363.748, 447.00, 3.49, 4.00

**

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001716 | VOLUME | 479873.213 | 3743340.650 | 439.56 |
| LOCATION | L0001717 | VOLUME | 479864.624 | 3743340.774 | 439.84 |
| LOCATION | L0001718 | VOLUME | 479856.035 | 3743340.898 | 440.00 |
| LOCATION | L0001719 | VOLUME | 479847.446 | 3743341.022 | 440.00 |
| LOCATION | L0001720 | VOLUME | 479838.857 | 3743341.146 | 440.00 |
| LOCATION | L0001721 | VOLUME | 479830.267 | 3743341.270 | 440.00 |
| LOCATION | L0001722 | VOLUME | 479821.678 | 3743341.394 | 440.00 |
| LOCATION | L0001723 | VOLUME | 479813.089 | 3743341.518 | 440.00 |
| LOCATION | L0001724 | VOLUME | 479804.500 | 3743341.642 | 440.00 |
| LOCATION | L0001725 | VOLUME | 479795.911 | 3743341.766 | 440.00 |
| LOCATION | L0001726 | VOLUME | 479787.322 | 3743341.890 | 440.00 |
| LOCATION | L0001727 | VOLUME | 479778.733 | 3743342.014 | 440.00 |
| LOCATION | L0001728 | VOLUME | 479770.144 | 3743342.138 | 440.00 |
| LOCATION | L0001729 | VOLUME | 479761.555 | 3743342.262 | 440.00 |
| LOCATION | L0001730 | VOLUME | 479752.965 | 3743342.386 | 440.00 |
| LOCATION | L0001731 | VOLUME | 479744.376 | 3743342.510 | 440.00 |
| LOCATION | L0001732 | VOLUME | 479735.787 | 3743342.634 | 440.00 |
| LOCATION | L0001733 | VOLUME | 479727.198 | 3743342.758 | 440.00 |
| LOCATION | L0001734 | VOLUME | 479718.609 | 3743342.882 | 440.00 |
| LOCATION | L0001735 | VOLUME | 479710.020 | 3743343.006 | 440.00 |
| LOCATION | L0001736 | VOLUME | 479701.431 | 3743343.130 | 440.00 |
| LOCATION | L0001737 | VOLUME | 479692.842 | 3743343.254 | 440.00 |
| LOCATION | L0001738 | VOLUME | 479684.253 | 3743343.378 | 440.00 |
| LOCATION | L0001739 | VOLUME | 479675.664 | 3743343.502 | 440.00 |
| LOCATION | L0001740 | VOLUME | 479667.074 | 3743343.626 | 440.00 |
| LOCATION | L0001741 | VOLUME | 479658.485 | 3743343.750 | 440.00 |
| LOCATION | L0001742 | VOLUME | 479649.896 | 3743343.874 | 440.00 |
| LOCATION | L0001743 | VOLUME | 479641.307 | 3743343.998 | 440.00 |
| LOCATION | L0001744 | VOLUME | 479632.718 | 3743344.122 | 440.00 |
| LOCATION | L0001745 | VOLUME | 479624.129 | 3743344.246 | 440.00 |
| LOCATION | L0001746 | VOLUME | 479615.540 | 3743344.370 | 440.00 |
| LOCATION | L0001747 | VOLUME | 479606.951 | 3743344.494 | 440.00 |
| LOCATION | L0001748 | VOLUME | 479598.362 | 3743344.618 | 440.00 |
| LOCATION | L0001749 | VOLUME | 479589.772 | 3743344.742 | 440.01 |
| LOCATION | L0001750 | VOLUME | 479581.183 | 3743344.866 | 440.29 |
| LOCATION | L0001751 | VOLUME | 479572.594 | 3743344.990 | 440.58 |
| LOCATION | L0001752 | VOLUME | 479564.005 | 3743345.114 | 440.86 |
| LOCATION | L0001753 | VOLUME | 479555.416 | 3743345.238 | 441.00 |
| LOCATION | L0001754 | VOLUME | 479546.827 | 3743345.362 | 441.00 |
| LOCATION | L0001755 | VOLUME | 479538.238 | 3743345.486 | 441.00 |
| LOCATION | L0001756 | VOLUME | 479529.649 | 3743345.609 | 441.00 |
| LOCATION | L0001757 | VOLUME | 479521.060 | 3743345.733 | 441.00 |
| LOCATION | L0001758 | VOLUME | 479512.471 | 3743345.857 | 441.00 |
| LOCATION | L0001759 | VOLUME | 479503.881 | 3743345.981 | 441.00 |
| LOCATION | L0001760 | VOLUME | 479495.292 | 3743346.105 | 441.00 |
| LOCATION | L0001761 | VOLUME | 479486.703 | 3743346.229 | 441.00 |
| LOCATION | L0001762 | VOLUME | 479478.114 | 3743346.353 | 441.00 |
| LOCATION | L0001763 | VOLUME | 479469.525 | 3743346.477 | 441.00 |
| LOCATION | L0001764 | VOLUME | 479460.936 | 3743346.601 | 441.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001765 | VOLUME | 479452.347 | 3743346.725 | 441.00 |
| LOCATION | L0001766 | VOLUME | 479443.758 | 3743346.849 | 441.00 |
| LOCATION | L0001767 | VOLUME | 479435.169 | 3743346.973 | 441.00 |
| LOCATION | L0001768 | VOLUME | 479426.579 | 3743347.097 | 441.00 |
| LOCATION | L0001769 | VOLUME | 479417.990 | 3743347.221 | 441.00 |
| LOCATION | L0001770 | VOLUME | 479409.401 | 3743347.345 | 441.00 |
| LOCATION | L0001771 | VOLUME | 479400.812 | 3743347.469 | 441.00 |
| LOCATION | L0001772 | VOLUME | 479392.223 | 3743347.593 | 441.00 |
| LOCATION | L0001773 | VOLUME | 479383.634 | 3743347.717 | 441.00 |
| LOCATION | L0001774 | VOLUME | 479375.045 | 3743347.841 | 441.00 |
| LOCATION | L0001775 | VOLUME | 479366.456 | 3743347.965 | 441.00 |
| LOCATION | L0001776 | VOLUME | 479357.867 | 3743348.089 | 441.00 |
| LOCATION | L0001777 | VOLUME | 479349.278 | 3743348.213 | 441.00 |
| LOCATION | L0001778 | VOLUME | 479340.688 | 3743348.337 | 441.00 |
| LOCATION | L0001779 | VOLUME | 479332.099 | 3743348.461 | 441.00 |
| LOCATION | L0001780 | VOLUME | 479323.510 | 3743348.585 | 441.00 |
| LOCATION | L0001781 | VOLUME | 479314.921 | 3743348.709 | 441.17 |
| LOCATION | L0001782 | VOLUME | 479306.332 | 3743348.833 | 441.45 |
| LOCATION | L0001783 | VOLUME | 479297.743 | 3743348.957 | 441.74 |
| LOCATION | L0001784 | VOLUME | 479289.154 | 3743349.081 | 442.00 |
| LOCATION | L0001785 | VOLUME | 479280.565 | 3743349.205 | 442.00 |
| LOCATION | L0001786 | VOLUME | 479271.976 | 3743349.329 | 442.00 |
| LOCATION | L0001787 | VOLUME | 479263.386 | 3743349.453 | 442.00 |
| LOCATION | L0001788 | VOLUME | 479254.797 | 3743349.577 | 442.00 |
| LOCATION | L0001789 | VOLUME | 479246.208 | 3743349.701 | 442.00 |
| LOCATION | L0001790 | VOLUME | 479237.619 | 3743349.825 | 442.00 |
| LOCATION | L0001791 | VOLUME | 479229.030 | 3743349.949 | 442.00 |
| LOCATION | L0001792 | VOLUME | 479220.441 | 3743350.073 | 442.00 |
| LOCATION | L0001793 | VOLUME | 479211.852 | 3743350.197 | 442.00 |
| LOCATION | L0001794 | VOLUME | 479203.263 | 3743350.321 | 442.00 |
| LOCATION | L0001795 | VOLUME | 479194.674 | 3743350.445 | 442.00 |
| LOCATION | L0001796 | VOLUME | 479186.085 | 3743350.569 | 442.00 |
| LOCATION | L0001797 | VOLUME | 479177.495 | 3743350.693 | 442.00 |
| LOCATION | L0001798 | VOLUME | 479168.906 | 3743350.817 | 442.00 |
| LOCATION | L0001799 | VOLUME | 479160.317 | 3743350.941 | 442.00 |
| LOCATION | L0001800 | VOLUME | 479151.728 | 3743351.065 | 442.00 |
| LOCATION | L0001801 | VOLUME | 479143.139 | 3743351.189 | 442.00 |
| LOCATION | L0001802 | VOLUME | 479134.550 | 3743351.313 | 442.00 |
| LOCATION | L0001803 | VOLUME | 479125.961 | 3743351.437 | 442.00 |
| LOCATION | L0001804 | VOLUME | 479117.372 | 3743351.561 | 442.00 |
| LOCATION | L0001805 | VOLUME | 479108.783 | 3743351.685 | 442.00 |
| LOCATION | L0001806 | VOLUME | 479100.193 | 3743351.809 | 442.00 |
| LOCATION | L0001807 | VOLUME | 479091.604 | 3743351.933 | 442.00 |
| LOCATION | L0001808 | VOLUME | 479083.015 | 3743352.057 | 442.00 |
| LOCATION | L0001809 | VOLUME | 479074.426 | 3743352.181 | 442.18 |
| LOCATION | L0001810 | VOLUME | 479065.837 | 3743352.305 | 442.47 |
| LOCATION | L0001811 | VOLUME | 479057.248 | 3743352.429 | 442.76 |
| LOCATION | L0001812 | VOLUME | 479048.659 | 3743352.552 | 443.00 |
| LOCATION | L0001813 | VOLUME | 479040.070 | 3743352.676 | 443.00 |
| LOCATION | L0001814 | VOLUME | 479031.481 | 3743352.800 | 443.00 |
| LOCATION | L0001815 | VOLUME | 479022.892 | 3743352.924 | 443.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001816 | VOLUME | 479014.302 | 3743353.048 | 443.00 |
| LOCATION | L0001817 | VOLUME | 479005.713 | 3743353.172 | 443.00 |
| LOCATION | L0001818 | VOLUME | 478997.124 | 3743353.296 | 443.00 |
| LOCATION | L0001819 | VOLUME | 478988.535 | 3743353.420 | 443.00 |
| LOCATION | L0001820 | VOLUME | 478979.946 | 3743353.544 | 443.00 |
| LOCATION | L0001821 | VOLUME | 478971.357 | 3743353.668 | 443.00 |
| LOCATION | L0001822 | VOLUME | 478962.768 | 3743353.792 | 443.00 |
| LOCATION | L0001823 | VOLUME | 478954.179 | 3743353.916 | 443.18 |
| LOCATION | L0001824 | VOLUME | 478945.590 | 3743354.040 | 443.44 |
| LOCATION | L0001825 | VOLUME | 478937.000 | 3743354.164 | 443.71 |
| LOCATION | L0001826 | VOLUME | 478928.411 | 3743354.288 | 443.94 |
| LOCATION | L0001827 | VOLUME | 478919.822 | 3743354.412 | 443.96 |
| LOCATION | L0001828 | VOLUME | 478911.233 | 3743354.536 | 443.98 |
| LOCATION | L0001829 | VOLUME | 478902.644 | 3743354.660 | 444.00 |
| LOCATION | L0001830 | VOLUME | 478894.055 | 3743354.784 | 444.00 |
| LOCATION | L0001831 | VOLUME | 478885.466 | 3743354.908 | 444.00 |
| LOCATION | L0001832 | VOLUME | 478876.877 | 3743355.032 | 444.00 |
| LOCATION | L0001833 | VOLUME | 478868.288 | 3743355.156 | 444.00 |
| LOCATION | L0001834 | VOLUME | 478859.699 | 3743355.280 | 444.00 |
| LOCATION | L0001835 | VOLUME | 478851.109 | 3743355.404 | 444.00 |
| LOCATION | L0001836 | VOLUME | 478842.520 | 3743355.528 | 444.00 |
| LOCATION | L0001837 | VOLUME | 478833.931 | 3743355.652 | 444.00 |
| LOCATION | L0001838 | VOLUME | 478825.342 | 3743355.776 | 444.00 |
| LOCATION | L0001839 | VOLUME | 478816.753 | 3743355.900 | 444.00 |
| LOCATION | L0001840 | VOLUME | 478808.164 | 3743356.024 | 444.00 |
| LOCATION | L0001841 | VOLUME | 478799.575 | 3743356.148 | 444.00 |
| LOCATION | L0001842 | VOLUME | 478790.986 | 3743356.272 | 444.00 |
| LOCATION | L0001843 | VOLUME | 478782.397 | 3743356.396 | 444.00 |
| LOCATION | L0001844 | VOLUME | 478773.807 | 3743356.520 | 444.20 |
| LOCATION | L0001845 | VOLUME | 478765.218 | 3743356.644 | 444.49 |
| LOCATION | L0001846 | VOLUME | 478756.629 | 3743356.768 | 444.78 |
| LOCATION | L0001847 | VOLUME | 478748.040 | 3743356.892 | 445.00 |
| LOCATION | L0001848 | VOLUME | 478739.451 | 3743357.016 | 445.00 |
| LOCATION | L0001849 | VOLUME | 478730.862 | 3743357.140 | 445.00 |
| LOCATION | L0001850 | VOLUME | 478722.273 | 3743357.264 | 445.00 |
| LOCATION | L0001851 | VOLUME | 478713.684 | 3743357.388 | 445.00 |
| LOCATION | L0001852 | VOLUME | 478705.095 | 3743357.512 | 445.00 |
| LOCATION | L0001853 | VOLUME | 478696.506 | 3743357.636 | 445.00 |
| LOCATION | L0001854 | VOLUME | 478687.916 | 3743357.760 | 445.00 |
| LOCATION | L0001855 | VOLUME | 478679.327 | 3743357.884 | 445.00 |
| LOCATION | L0001856 | VOLUME | 478670.738 | 3743358.008 | 445.00 |
| LOCATION | L0001857 | VOLUME | 478662.149 | 3743358.132 | 445.00 |
| LOCATION | L0001858 | VOLUME | 478653.560 | 3743358.256 | 445.00 |
| LOCATION | L0001859 | VOLUME | 478644.971 | 3743358.380 | 445.00 |
| LOCATION | L0001860 | VOLUME | 478636.382 | 3743358.504 | 445.00 |
| LOCATION | L0001861 | VOLUME | 478627.793 | 3743358.628 | 445.07 |
| LOCATION | L0001862 | VOLUME | 478619.204 | 3743358.752 | 445.36 |
| LOCATION | L0001863 | VOLUME | 478610.614 | 3743358.876 | 445.64 |
| LOCATION | L0001864 | VOLUME | 478602.025 | 3743359.000 | 445.93 |
| LOCATION | L0001865 | VOLUME | 478593.436 | 3743359.124 | 446.00 |
| LOCATION | L0001866 | VOLUME | 478584.847 | 3743359.248 | 446.00 |

| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0001867 | VOLUME | 478576.258 | 3743359.372 | 446.00 | |
| LOCATION L0001868 | VOLUME | 478567.669 | 3743359.495 | 446.00 | |
| LOCATION L0001869 | VOLUME | 478559.080 | 3743359.619 | 446.00 | |
| LOCATION L0001870 | VOLUME | 478550.491 | 3743359.743 | 446.00 | |
| LOCATION L0001871 | VOLUME | 478541.902 | 3743359.867 | 446.00 | |
| LOCATION L0001872 | VOLUME | 478533.313 | 3743359.991 | 446.00 | |
| LOCATION L0001873 | VOLUME | 478524.723 | 3743360.115 | 446.00 | |
| LOCATION L0001874 | VOLUME | 478516.134 | 3743360.239 | 446.00 | |
| LOCATION L0001875 | VOLUME | 478507.545 | 3743360.363 | 446.00 | |
| LOCATION L0001876 | VOLUME | 478498.956 | 3743360.487 | 446.00 | |
| LOCATION L0001877 | VOLUME | 478490.367 | 3743360.611 | 446.00 | |
| LOCATION L0001878 | VOLUME | 478481.778 | 3743360.735 | 446.00 | |
| LOCATION L0001879 | VOLUME | 478473.189 | 3743360.859 | 446.00 | |
| LOCATION L0001880 | VOLUME | 478464.600 | 3743360.983 | 446.00 | |
| LOCATION L0001881 | VOLUME | 478456.011 | 3743361.107 | 446.00 | |
| LOCATION L0001882 | VOLUME | 478447.421 | 3743361.231 | 446.00 | |
| LOCATION L0001883 | VOLUME | 478438.832 | 3743361.355 | 446.00 | |
| LOCATION L0001884 | VOLUME | 478430.243 | 3743361.479 | 446.00 | |
| LOCATION L0001885 | VOLUME | 478421.654 | 3743361.603 | 446.00 | |
| LOCATION L0001886 | VOLUME | 478413.065 | 3743361.727 | 446.00 | |
| LOCATION L0001887 | VOLUME | 478404.476 | 3743361.851 | 446.00 | |
| LOCATION L0001888 | VOLUME | 478395.887 | 3743361.975 | 446.00 | |
| LOCATION L0001889 | VOLUME | 478387.298 | 3743362.099 | 446.00 | |
| LOCATION L0001890 | VOLUME | 478378.709 | 3743362.223 | 446.00 | |
| LOCATION L0001891 | VOLUME | 478370.120 | 3743362.347 | 446.00 | |
| LOCATION L0001892 | VOLUME | 478361.530 | 3743362.471 | 446.00 | |
| LOCATION L0001893 | VOLUME | 478352.941 | 3743362.595 | 446.23 | |
| LOCATION L0001894 | VOLUME | 478344.352 | 3743362.719 | 446.52 | |
| LOCATION L0001895 | VOLUME | 478335.763 | 3743362.843 | 446.80 | |
| LOCATION L0001896 | VOLUME | 478327.174 | 3743362.967 | 447.00 | |
| LOCATION L0001897 | VOLUME | 478318.585 | 3743363.091 | 447.00 | |
| LOCATION L0001898 | VOLUME | 478309.996 | 3743363.215 | 447.00 | |
| LOCATION L0001899 | VOLUME | 478301.407 | 3743363.339 | 447.00 | |
| LOCATION L0001900 | VOLUME | 478292.818 | 3743363.463 | 447.00 | |
| LOCATION L0001901 | VOLUME | 478284.228 | 3743363.587 | 447.00 | |
| LOCATION L0001902 | VOLUME | 478275.639 | 3743363.711 | 447.00 | |

```

** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Indian Ave b/n Rider St and Placentia Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002304
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478273.764, 3743355.843, 447.00, 3.49, 4.00
** 478272.855, 3742555.023, 444.06, 3.49, 4.00
** -----

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| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001903 | VOLUME | 478273.759 | 3743351.548 | 447.00 |
| LOCATION | L0001904 | VOLUME | 478273.749 | 3743342.958 | 447.00 |
| LOCATION | L0001905 | VOLUME | 478273.739 | 3743334.368 | 447.00 |
| LOCATION | L0001906 | VOLUME | 478273.730 | 3743325.778 | 447.00 |
| LOCATION | L0001907 | VOLUME | 478273.720 | 3743317.188 | 447.00 |
| LOCATION | L0001908 | VOLUME | 478273.710 | 3743308.598 | 447.00 |
| LOCATION | L0001909 | VOLUME | 478273.700 | 3743300.008 | 447.00 |
| LOCATION | L0001910 | VOLUME | 478273.691 | 3743291.418 | 447.00 |
| LOCATION | L0001911 | VOLUME | 478273.681 | 3743282.828 | 447.00 |
| LOCATION | L0001912 | VOLUME | 478273.671 | 3743274.238 | 447.00 |
| LOCATION | L0001913 | VOLUME | 478273.661 | 3743265.648 | 447.00 |
| LOCATION | L0001914 | VOLUME | 478273.652 | 3743257.058 | 447.00 |
| LOCATION | L0001915 | VOLUME | 478273.642 | 3743248.468 | 447.00 |
| LOCATION | L0001916 | VOLUME | 478273.632 | 3743239.878 | 447.00 |
| LOCATION | L0001917 | VOLUME | 478273.622 | 3743231.288 | 446.98 |
| LOCATION | L0001918 | VOLUME | 478273.613 | 3743222.698 | 446.94 |
| LOCATION | L0001919 | VOLUME | 478273.603 | 3743214.108 | 446.91 |
| LOCATION | L0001920 | VOLUME | 478273.593 | 3743205.518 | 446.88 |
| LOCATION | L0001921 | VOLUME | 478273.583 | 3743196.928 | 446.88 |
| LOCATION | L0001922 | VOLUME | 478273.574 | 3743188.338 | 446.88 |
| LOCATION | L0001923 | VOLUME | 478273.564 | 3743179.748 | 446.88 |
| LOCATION | L0001924 | VOLUME | 478273.554 | 3743171.158 | 446.73 |
| LOCATION | L0001925 | VOLUME | 478273.544 | 3743162.568 | 446.48 |
| LOCATION | L0001926 | VOLUME | 478273.535 | 3743153.978 | 446.23 |
| LOCATION | L0001927 | VOLUME | 478273.525 | 3743145.388 | 446.00 |
| LOCATION | L0001928 | VOLUME | 478273.515 | 3743136.798 | 446.00 |
| LOCATION | L0001929 | VOLUME | 478273.505 | 3743128.208 | 446.00 |
| LOCATION | L0001930 | VOLUME | 478273.496 | 3743119.618 | 446.00 |
| LOCATION | L0001931 | VOLUME | 478273.486 | 3743111.028 | 446.00 |
| LOCATION | L0001932 | VOLUME | 478273.476 | 3743102.438 | 446.00 |
| LOCATION | L0001933 | VOLUME | 478273.466 | 3743093.848 | 446.00 |
| LOCATION | L0001934 | VOLUME | 478273.457 | 3743085.258 | 446.00 |
| LOCATION | L0001935 | VOLUME | 478273.447 | 3743076.668 | 446.00 |
| LOCATION | L0001936 | VOLUME | 478273.437 | 3743068.078 | 446.00 |
| LOCATION | L0001937 | VOLUME | 478273.427 | 3743059.488 | 446.00 |
| LOCATION | L0001938 | VOLUME | 478273.418 | 3743050.898 | 446.00 |
| LOCATION | L0001939 | VOLUME | 478273.408 | 3743042.308 | 446.00 |
| LOCATION | L0001940 | VOLUME | 478273.398 | 3743033.718 | 446.00 |
| LOCATION | L0001941 | VOLUME | 478273.388 | 3743025.128 | 446.00 |
| LOCATION | L0001942 | VOLUME | 478273.379 | 3743016.538 | 446.00 |
| LOCATION | L0001943 | VOLUME | 478273.369 | 3743007.948 | 446.00 |
| LOCATION | L0001944 | VOLUME | 478273.359 | 3742999.358 | 446.00 |
| LOCATION | L0001945 | VOLUME | 478273.349 | 3742990.768 | 445.82 |
| LOCATION | L0001946 | VOLUME | 478273.340 | 3742982.178 | 445.53 |
| LOCATION | L0001947 | VOLUME | 478273.330 | 3742973.588 | 445.25 |
| LOCATION | L0001948 | VOLUME | 478273.320 | 3742964.998 | 445.00 |
| LOCATION | L0001949 | VOLUME | 478273.310 | 3742956.408 | 445.00 |
| LOCATION | L0001950 | VOLUME | 478273.301 | 3742947.818 | 445.00 |
| LOCATION | L0001951 | VOLUME | 478273.291 | 3742939.228 | 445.00 |
| LOCATION | L0001952 | VOLUME | 478273.281 | 3742930.638 | 445.00 |
| LOCATION | L0001953 | VOLUME | 478273.271 | 3742922.048 | 445.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001954 | VOLUME | 478273.262 | 3742913.458 | 445.00 |
| LOCATION | L0001955 | VOLUME | 478273.252 | 3742904.868 | 445.00 |
| LOCATION | L0001956 | VOLUME | 478273.242 | 3742896.278 | 445.00 |
| LOCATION | L0001957 | VOLUME | 478273.232 | 3742887.688 | 445.00 |
| LOCATION | L0001958 | VOLUME | 478273.223 | 3742879.098 | 445.00 |
| LOCATION | L0001959 | VOLUME | 478273.213 | 3742870.508 | 445.00 |
| LOCATION | L0001960 | VOLUME | 478273.203 | 3742861.918 | 445.00 |
| LOCATION | L0001961 | VOLUME | 478273.193 | 3742853.328 | 445.00 |
| LOCATION | L0001962 | VOLUME | 478273.184 | 3742844.738 | 445.00 |
| LOCATION | L0001963 | VOLUME | 478273.174 | 3742836.148 | 445.00 |
| LOCATION | L0001964 | VOLUME | 478273.164 | 3742827.558 | 445.00 |
| LOCATION | L0001965 | VOLUME | 478273.154 | 3742818.968 | 445.00 |
| LOCATION | L0001966 | VOLUME | 478273.145 | 3742810.378 | 445.00 |
| LOCATION | L0001967 | VOLUME | 478273.135 | 3742801.788 | 445.00 |
| LOCATION | L0001968 | VOLUME | 478273.125 | 3742793.198 | 445.00 |
| LOCATION | L0001969 | VOLUME | 478273.115 | 3742784.608 | 444.99 |
| LOCATION | L0001970 | VOLUME | 478273.106 | 3742776.018 | 444.96 |
| LOCATION | L0001971 | VOLUME | 478273.096 | 3742767.428 | 444.93 |
| LOCATION | L0001972 | VOLUME | 478273.086 | 3742758.838 | 444.90 |
| LOCATION | L0001973 | VOLUME | 478273.076 | 3742750.248 | 444.89 |
| LOCATION | L0001974 | VOLUME | 478273.067 | 3742741.659 | 444.89 |
| LOCATION | L0001975 | VOLUME | 478273.057 | 3742733.069 | 444.89 |
| LOCATION | L0001976 | VOLUME | 478273.047 | 3742724.479 | 444.90 |
| LOCATION | L0001977 | VOLUME | 478273.038 | 3742715.889 | 444.90 |
| LOCATION | L0001978 | VOLUME | 478273.028 | 3742707.299 | 444.90 |
| LOCATION | L0001979 | VOLUME | 478273.018 | 3742698.709 | 444.90 |
| LOCATION | L0001980 | VOLUME | 478273.008 | 3742690.119 | 444.90 |
| LOCATION | L0001981 | VOLUME | 478272.999 | 3742681.529 | 444.90 |
| LOCATION | L0001982 | VOLUME | 478272.989 | 3742672.939 | 444.90 |
| LOCATION | L0001983 | VOLUME | 478272.979 | 3742664.349 | 444.84 |
| LOCATION | L0001984 | VOLUME | 478272.969 | 3742655.759 | 444.59 |
| LOCATION | L0001985 | VOLUME | 478272.960 | 3742647.169 | 444.33 |
| LOCATION | L0001986 | VOLUME | 478272.950 | 3742638.579 | 444.07 |
| LOCATION | L0001987 | VOLUME | 478272.940 | 3742629.989 | 444.00 |
| LOCATION | L0001988 | VOLUME | 478272.930 | 3742621.399 | 444.00 |
| LOCATION | L0001989 | VOLUME | 478272.921 | 3742612.809 | 444.00 |
| LOCATION | L0001990 | VOLUME | 478272.911 | 3742604.219 | 444.00 |
| LOCATION | L0001991 | VOLUME | 478272.901 | 3742595.629 | 444.00 |
| LOCATION | L0001992 | VOLUME | 478272.891 | 3742587.039 | 444.00 |
| LOCATION | L0001993 | VOLUME | 478272.882 | 3742578.449 | 444.00 |
| LOCATION | L0001994 | VOLUME | 478272.872 | 3742569.859 | 444.00 |
| LOCATION | L0001995 | VOLUME | 478272.862 | 3742561.269 | 444.00 |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Placentia Ave b/n Indian Ave and I-215 Ramps

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001647

```

** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478272.866, 3742551.384, 444.03, 3.49, 4.00
** 477700.489, 3742567.347, 450.94, 3.49, 4.00
** -----
LOCATION L0001996    VOLUME  478268.572 3742551.503 444.04
LOCATION L0001997    VOLUME  478259.986 3742551.743 444.33
LOCATION L0001998    VOLUME  478251.399 3742551.982 444.62
LOCATION L0001999    VOLUME  478242.812 3742552.222 444.90
LOCATION L0002000    VOLUME  478234.226 3742552.461 445.00
LOCATION L0002001    VOLUME  478225.639 3742552.701 445.00
LOCATION L0002002    VOLUME  478217.052 3742552.940 445.00
LOCATION L0002003    VOLUME  478208.466 3742553.180 445.00
LOCATION L0002004    VOLUME  478199.879 3742553.419 445.00
LOCATION L0002005    VOLUME  478191.292 3742553.659 445.00
LOCATION L0002006    VOLUME  478182.706 3742553.898 445.00
LOCATION L0002007    VOLUME  478174.119 3742554.138 445.00
LOCATION L0002008    VOLUME  478165.532 3742554.377 445.00
LOCATION L0002009    VOLUME  478156.946 3742554.617 445.00
LOCATION L0002010    VOLUME  478148.359 3742554.856 445.05
LOCATION L0002011    VOLUME  478139.772 3742555.096 445.34
LOCATION L0002012    VOLUME  478131.186 3742555.335 445.62
LOCATION L0002013    VOLUME  478122.599 3742555.575 445.91
LOCATION L0002014    VOLUME  478114.012 3742555.814 446.00
LOCATION L0002015    VOLUME  478105.426 3742556.054 446.00
LOCATION L0002016    VOLUME  478096.839 3742556.293 446.00
LOCATION L0002017    VOLUME  478088.252 3742556.532 446.00
LOCATION L0002018    VOLUME  478079.666 3742556.772 446.00
LOCATION L0002019    VOLUME  478071.079 3742557.011 446.00
LOCATION L0002020    VOLUME  478062.492 3742557.251 446.00
LOCATION L0002021    VOLUME  478053.906 3742557.490 446.20
LOCATION L0002022    VOLUME  478045.319 3742557.730 446.49
LOCATION L0002023    VOLUME  478036.732 3742557.969 446.77
LOCATION L0002024    VOLUME  478028.146 3742558.209 447.00
LOCATION L0002025    VOLUME  478019.559 3742558.448 447.00
LOCATION L0002026    VOLUME  478010.972 3742558.688 447.00
LOCATION L0002027    VOLUME  478002.386 3742558.927 447.00
LOCATION L0002028    VOLUME  477993.799 3742559.167 447.00
LOCATION L0002029    VOLUME  477985.212 3742559.406 447.00
LOCATION L0002030    VOLUME  477976.626 3742559.646 447.00
LOCATION L0002031    VOLUME  477968.039 3742559.885 447.06
LOCATION L0002032    VOLUME  477959.452 3742560.125 447.35
LOCATION L0002033    VOLUME  477950.866 3742560.364 447.63
LOCATION L0002034    VOLUME  477942.279 3742560.604 447.92
LOCATION L0002035    VOLUME  477933.693 3742560.843 448.00
LOCATION L0002036    VOLUME  477925.106 3742561.083 448.00
LOCATION L0002037    VOLUME  477916.519 3742561.322 448.00
LOCATION L0002038    VOLUME  477907.933 3742561.562 448.00
LOCATION L0002039    VOLUME  477899.346 3742561.801 448.00
LOCATION L0002040    VOLUME  477890.759 3742562.041 448.00

```

| LOCATION | VOLUME | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002041 | VOLUME | 477882.173 | 3742562.280 | 448.00 |
| LOCATION L0002042 | VOLUME | 477873.586 | 3742562.520 | 448.10 |
| LOCATION L0002043 | VOLUME | 477864.999 | 3742562.759 | 448.22 |
| LOCATION L0002044 | VOLUME | 477856.413 | 3742562.999 | 448.34 |
| LOCATION L0002045 | VOLUME | 477847.826 | 3742563.238 | 448.47 |
| LOCATION L0002046 | VOLUME | 477839.239 | 3742563.478 | 448.63 |
| LOCATION L0002047 | VOLUME | 477830.653 | 3742563.717 | 448.79 |
| LOCATION L0002048 | VOLUME | 477822.066 | 3742563.956 | 448.96 |
| LOCATION L0002049 | VOLUME | 477813.479 | 3742564.196 | 449.09 |
| LOCATION L0002050 | VOLUME | 477804.893 | 3742564.435 | 449.20 |
| LOCATION L0002051 | VOLUME | 477796.306 | 3742564.675 | 449.30 |
| LOCATION L0002052 | VOLUME | 477787.719 | 3742564.914 | 449.42 |
| LOCATION L0002053 | VOLUME | 477779.133 | 3742565.154 | 449.59 |
| LOCATION L0002054 | VOLUME | 477770.546 | 3742565.393 | 449.77 |
| LOCATION L0002055 | VOLUME | 477761.959 | 3742565.633 | 449.96 |
| LOCATION L0002056 | VOLUME | 477753.373 | 3742565.872 | 450.00 |
| LOCATION L0002057 | VOLUME | 477744.786 | 3742566.112 | 450.00 |
| LOCATION L0002058 | VOLUME | 477736.199 | 3742566.351 | 450.00 |
| LOCATION L0002059 | VOLUME | 477727.613 | 3742566.591 | 450.08 |
| LOCATION L0002060 | VOLUME | 477719.026 | 3742566.830 | 450.36 |
| LOCATION L0002061 | VOLUME | 477710.439 | 3742567.070 | 450.65 |
| LOCATION L0002062 | VOLUME | 477701.853 | 3742567.309 | 450.93 |

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC On-site Drive Aisle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0000353

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 479896.687, 3743011.429, 439.00, 3.49, 4.00

** 480074.817, 3743012.641, 439.00, 3.49, 4.00

** 480078.452, 3743327.701, 439.00, 3.49, 4.00

** -----

| | | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002063 | VOLUME | 479900.982 | 3743011.459 | 439.00 |
| LOCATION L0002064 | VOLUME | 479909.571 | 3743011.517 | 439.00 |
| LOCATION L0002065 | VOLUME | 479918.161 | 3743011.575 | 439.00 |
| LOCATION L0002066 | VOLUME | 479926.751 | 3743011.634 | 439.00 |
| LOCATION L0002067 | VOLUME | 479935.341 | 3743011.692 | 439.00 |
| LOCATION L0002068 | VOLUME | 479943.931 | 3743011.751 | 439.00 |
| LOCATION L0002069 | VOLUME | 479952.520 | 3743011.809 | 439.00 |
| LOCATION L0002070 | VOLUME | 479961.110 | 3743011.868 | 439.00 |
| LOCATION L0002071 | VOLUME | 479969.700 | 3743011.926 | 439.00 |
| LOCATION L0002072 | VOLUME | 479978.290 | 3743011.984 | 439.00 |
| LOCATION L0002073 | VOLUME | 479986.880 | 3743012.043 | 439.00 |
| LOCATION L0002074 | VOLUME | 479995.469 | 3743012.101 | 439.00 |
| LOCATION L0002075 | VOLUME | 480004.059 | 3743012.160 | 439.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002076 | VOLUME | 480012.649 | 3743012.218 | 439.00 |
| LOCATION | L0002077 | VOLUME | 480021.239 | 3743012.277 | 439.00 |
| LOCATION | L0002078 | VOLUME | 480029.829 | 3743012.335 | 439.00 |
| LOCATION | L0002079 | VOLUME | 480038.418 | 3743012.394 | 439.00 |
| LOCATION | L0002080 | VOLUME | 480047.008 | 3743012.452 | 439.00 |
| LOCATION | L0002081 | VOLUME | 480055.598 | 3743012.510 | 439.00 |
| LOCATION | L0002082 | VOLUME | 480064.188 | 3743012.569 | 439.00 |
| LOCATION | L0002083 | VOLUME | 480072.778 | 3743012.627 | 439.00 |
| LOCATION | L0002084 | VOLUME | 480074.892 | 3743019.192 | 439.00 |
| LOCATION | L0002085 | VOLUME | 480074.991 | 3743027.781 | 439.00 |
| LOCATION | L0002086 | VOLUME | 480075.090 | 3743036.370 | 439.00 |
| LOCATION | L0002087 | VOLUME | 480075.190 | 3743044.960 | 439.00 |
| LOCATION | L0002088 | VOLUME | 480075.289 | 3743053.549 | 439.00 |
| LOCATION | L0002089 | VOLUME | 480075.388 | 3743062.139 | 439.00 |
| LOCATION | L0002090 | VOLUME | 480075.487 | 3743070.728 | 439.00 |
| LOCATION | L0002091 | VOLUME | 480075.586 | 3743079.318 | 439.00 |
| LOCATION | L0002092 | VOLUME | 480075.685 | 3743087.907 | 439.00 |
| LOCATION | L0002093 | VOLUME | 480075.784 | 3743096.496 | 439.00 |
| LOCATION | L0002094 | VOLUME | 480075.883 | 3743105.086 | 439.00 |
| LOCATION | L0002095 | VOLUME | 480075.982 | 3743113.675 | 439.00 |
| LOCATION | L0002096 | VOLUME | 480076.082 | 3743122.265 | 439.00 |
| LOCATION | L0002097 | VOLUME | 480076.181 | 3743130.854 | 439.00 |
| LOCATION | L0002098 | VOLUME | 480076.280 | 3743139.444 | 439.00 |
| LOCATION | L0002099 | VOLUME | 480076.379 | 3743148.033 | 439.00 |
| LOCATION | L0002100 | VOLUME | 480076.478 | 3743156.622 | 439.00 |
| LOCATION | L0002101 | VOLUME | 480076.577 | 3743165.212 | 439.00 |
| LOCATION | L0002102 | VOLUME | 480076.676 | 3743173.801 | 439.00 |
| LOCATION | L0002103 | VOLUME | 480076.775 | 3743182.391 | 439.00 |
| LOCATION | L0002104 | VOLUME | 480076.874 | 3743190.980 | 439.00 |
| LOCATION | L0002105 | VOLUME | 480076.974 | 3743199.570 | 439.00 |
| LOCATION | L0002106 | VOLUME | 480077.073 | 3743208.159 | 439.00 |
| LOCATION | L0002107 | VOLUME | 480077.172 | 3743216.748 | 439.00 |
| LOCATION | L0002108 | VOLUME | 480077.271 | 3743225.338 | 439.00 |
| LOCATION | L0002109 | VOLUME | 480077.370 | 3743233.927 | 439.00 |
| LOCATION | L0002110 | VOLUME | 480077.469 | 3743242.517 | 439.00 |
| LOCATION | L0002111 | VOLUME | 480077.568 | 3743251.106 | 439.00 |
| LOCATION | L0002112 | VOLUME | 480077.667 | 3743259.696 | 439.00 |
| LOCATION | L0002113 | VOLUME | 480077.766 | 3743268.285 | 439.00 |
| LOCATION | L0002114 | VOLUME | 480077.866 | 3743276.874 | 439.00 |
| LOCATION | L0002115 | VOLUME | 480077.965 | 3743285.464 | 439.00 |
| LOCATION | L0002116 | VOLUME | 480078.064 | 3743294.053 | 439.00 |
| LOCATION | L0002117 | VOLUME | 480078.163 | 3743302.643 | 439.00 |
| LOCATION | L0002118 | VOLUME | 480078.262 | 3743311.232 | 439.00 |
| LOCATION | L0002119 | VOLUME | 480078.361 | 3743319.822 | 439.00 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Loading Area

** PREFIX

** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00008987
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480052.657, 3743068.840, 439.00, 3.49, 4.00
** 480054.778, 3743260.316, 439.00, 3.49, 4.00
** -----
LOCATION L0002120      VOLUME  480052.705 3743073.135 439.00
LOCATION L0002121      VOLUME  480052.800 3743081.724 439.00
LOCATION L0002122      VOLUME  480052.895 3743090.314 439.00
LOCATION L0002123      VOLUME  480052.990 3743098.903 439.00
LOCATION L0002124      VOLUME  480053.085 3743107.493 439.00
LOCATION L0002125      VOLUME  480053.180 3743116.082 439.00
LOCATION L0002126      VOLUME  480053.275 3743124.672 439.00
LOCATION L0002127      VOLUME  480053.371 3743133.261 439.00
LOCATION L0002128      VOLUME  480053.466 3743141.851 439.00
LOCATION L0002129      VOLUME  480053.561 3743150.440 439.00
LOCATION L0002130      VOLUME  480053.656 3743159.030 439.00
LOCATION L0002131      VOLUME  480053.751 3743167.619 439.00
LOCATION L0002132      VOLUME  480053.846 3743176.209 439.00
LOCATION L0002133      VOLUME  480053.941 3743184.798 439.00
LOCATION L0002134      VOLUME  480054.037 3743193.388 439.00
LOCATION L0002135      VOLUME  480054.132 3743201.977 439.00
LOCATION L0002136      VOLUME  480054.227 3743210.567 439.00
LOCATION L0002137      VOLUME  480054.322 3743219.156 439.00
LOCATION L0002138      VOLUME  480054.417 3743227.745 439.00
LOCATION L0002139      VOLUME  480054.512 3743236.335 439.00
LOCATION L0002140      VOLUME  480054.607 3743244.924 439.00
LOCATION L0002141      VOLUME  480054.703 3743253.514 439.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
SRCPARAM L0000001    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000002    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000003    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000004    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000005    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000006    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000007    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000008    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000009    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000010    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000011    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000012    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000013    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000014    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000015    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000016    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000017    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000018    0.0000003856    3.49    4.00    3.25

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| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0000019 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000020 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000021 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000022 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000023 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000024 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000025 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000026 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000027 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000028 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000029 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000030 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000031 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000032 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000033 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000034 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000035 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000036 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000037 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000038 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000039 | 0.0000003856 | 3.49 | 4.00 | 3.25 |

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| | | | | | |
|----------|--------------------------------|--------------|------|------|------|
| ** | LINE VOLUME Source ID = SLINE2 | | | | |
| SRCPARAM | L0001716 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001717 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001718 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001719 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001720 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001721 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001722 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001723 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001724 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001725 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001726 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001727 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001728 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001729 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001730 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001731 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001732 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001733 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001734 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001735 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001736 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001737 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001738 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001739 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001740 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001741 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001742 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001743 | 0.0000002442 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001897 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001898 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001899 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001900 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001901 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001902 | 0.0000002442 | 3.49 | 4.00 | 3.25 |

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** LINE VOLUME Source ID = SLINE3

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001903 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001904 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001905 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001906 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001907 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001908 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001909 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001910 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001911 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001912 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001913 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001914 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001915 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001916 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001917 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001918 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001919 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001920 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001921 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001922 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001923 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001924 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001925 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001926 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001927 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001928 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001929 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001930 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001931 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001932 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001933 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001934 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001935 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001936 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001937 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001938 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001939 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001940 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001941 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001942 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001943 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001944 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001945 | 0.0000002477 | 3.49 | 4.00 | 3.25 |

** LINE VOLUME Source ID = SLINE4

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001996 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001997 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001998 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001999 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002000 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002001 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002002 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002003 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002004 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002005 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002006 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002007 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002008 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002009 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002010 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002011 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002012 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002013 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002014 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002015 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002016 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002017 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002018 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002019 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002020 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002021 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002022 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002023 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002024 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002025 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002026 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002027 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002028 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002029 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002030 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002031 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002032 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002033 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002034 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002035 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002036 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002037 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002038 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002039 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002040 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002041 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002042 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002043 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002044 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002045 | 0.0000002458 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002046 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002047 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002048 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002049 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002050 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002051 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002052 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002053 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002054 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002055 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002056 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002057 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002058 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002059 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002060 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002061 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002062 | 0.0000002458 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINES

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002063 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002064 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002065 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002066 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002067 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002068 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002069 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002070 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002071 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002072 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002073 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002074 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002075 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002076 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002077 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002078 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002079 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002080 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002081 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002082 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002083 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002084 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002085 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002086 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002087 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002088 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002089 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002090 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002091 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002092 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002093 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002094 | 0.0000006193 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002095 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002096 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002097 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002098 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002099 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002100 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002101 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002102 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002103 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002104 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002105 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002106 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002107 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002108 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002109 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002110 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002111 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002112 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002113 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002114 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002115 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002116 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002117 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002118 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002119 | 0.0000006193 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE6

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0002120 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002121 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002122 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002123 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002124 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002125 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002126 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002127 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002128 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002129 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002130 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002131 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002132 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002133 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002134 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002135 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002136 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002137 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002138 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002139 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002140 | 0.000004085 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002141 | 0.000004085 | 3.49 | 4.00 | 3.25 |

**

URBANSRC ALL

```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED ProjectAB1.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PERI_v9.SFC
  PROFFILE PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL PROJECTAB1.AD\PE00GALL.PLT 31
  SUMMFILE ProjectAB1.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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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


**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 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 = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: ProjectAB1.err

**File for Summary of Results: ProjectAB1.sum

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | | | | | | | | |
| ALL | L0000001 | , L0000002 | , L0000003 | , L0000004 | , L0000005 | , L0000006 | , L0000007 | , L0000008 | , |
| | L0000009 | , L0000010 | , L0000011 | , L0000012 | , L0000013 | , L0000014 | , L0000015 | , L0000016 | , |
| | L0000017 | , L0000018 | , L0000019 | , L0000020 | , L0000021 | , L0000022 | , L0000023 | , L0000024 | , |
| | L0000025 | , L0000026 | , L0000027 | , L0000028 | , L0000029 | , L0000030 | , L0000031 | , L0000032 | , |
| | L0000033 | , L0000034 | , L0000035 | , L0000036 | , L0000037 | , L0000038 | , L0000039 | , L0001716 | , |
| | L0001717 | , L0001718 | , L0001719 | , L0001720 | , L0001721 | , L0001722 | , L0001723 | , L0001724 | , |
| | L0001725 | , L0001726 | , L0001727 | , L0001728 | , L0001729 | , L0001730 | , L0001731 | , L0001732 | , |
| | L0001733 | , L0001734 | , L0001735 | , L0001736 | , L0001737 | , L0001738 | , L0001739 | , L0001740 | , |
| | L0001741 | , L0001742 | , L0001743 | , L0001744 | , L0001745 | , L0001746 | , L0001747 | , L0001748 | , |
| | L0001749 | , L0001750 | , L0001751 | , L0001752 | , L0001753 | , L0001754 | , L0001755 | , L0001756 | , |
| | L0001757 | , L0001758 | , L0001759 | , L0001760 | , L0001761 | , L0001762 | , L0001763 | , L0001764 | , |
| | L0001765 | , L0001766 | , L0001767 | , L0001768 | , L0001769 | , L0001770 | , L0001771 | , L0001772 | , |
| | L0001773 | , L0001774 | , L0001775 | , L0001776 | , L0001777 | , L0001778 | , L0001779 | , L0001780 | , |
| | L0001781 | , L0001782 | , L0001783 | , L0001784 | , L0001785 | , L0001786 | , L0001787 | , L0001788 | , |
| | L0001789 | , L0001790 | , L0001791 | , L0001792 | , L0001793 | , L0001794 | , L0001795 | , L0001796 | , |
| | L0001797 | , L0001798 | , L0001799 | , L0001800 | , L0001801 | , L0001802 | , L0001803 | , L0001804 | , |
| | L0001805 | , L0001806 | , L0001807 | , L0001808 | , L0001809 | , L0001810 | , L0001811 | , L0001812 | , |
| | L0001813 | , L0001814 | , L0001815 | , L0001816 | , L0001817 | , L0001818 | , L0001819 | , L0001820 | , |
| | L0001821 | , L0001822 | , L0001823 | , L0001824 | , L0001825 | , L0001826 | , L0001827 | , L0001828 | , |
| | L0001829 | , L0001830 | , L0001831 | , L0001832 | , L0001833 | , L0001834 | , L0001835 | , L0001836 | , |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | |
|-------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | | | | | | | |
| L0001837 | , L0001838 | , L0001839 | , L0001840 | , L0001841 | , L0001842 | , L0001843 | , L0001844 | , |
| L0001845 | , L0001846 | , L0001847 | , L0001848 | , L0001849 | , L0001850 | , L0001851 | , L0001852 | , |
| L0001853 | , L0001854 | , L0001855 | , L0001856 | , L0001857 | , L0001858 | , L0001859 | , L0001860 | , |
| L0001861 | , L0001862 | , L0001863 | , L0001864 | , L0001865 | , L0001866 | , L0001867 | , L0001868 | , |
| L0001869 | , L0001870 | , L0001871 | , L0001872 | , L0001873 | , L0001874 | , L0001875 | , L0001876 | , |
| L0001877 | , L0001878 | , L0001879 | , L0001880 | , L0001881 | , L0001882 | , L0001883 | , L0001884 | , |
| L0001885 | , L0001886 | , L0001887 | , L0001888 | , L0001889 | , L0001890 | , L0001891 | , L0001892 | , |
| L0001893 | , L0001894 | , L0001895 | , L0001896 | , L0001897 | , L0001898 | , L0001899 | , L0001900 | , |
| L0001901 | , L0001902 | , L0001903 | , L0001904 | , L0001905 | , L0001906 | , L0001907 | , L0001908 | , |
| L0001909 | , L0001910 | , L0001911 | , L0001912 | , L0001913 | , L0001914 | , L0001915 | , L0001916 | , |
| L0001917 | , L0001918 | , L0001919 | , L0001920 | , L0001921 | , L0001922 | , L0001923 | , L0001924 | , |
| L0001925 | , L0001926 | , L0001927 | , L0001928 | , L0001929 | , L0001930 | , L0001931 | , L0001932 | , |
| L0001933 | , L0001934 | , L0001935 | , L0001936 | , L0001937 | , L0001938 | , L0001939 | , L0001940 | , |
| L0001941 | , L0001942 | , L0001943 | , L0001944 | , L0001945 | , L0001946 | , L0001947 | , L0001948 | , |
| L0001949 | , L0001950 | , L0001951 | , L0001952 | , L0001953 | , L0001954 | , L0001955 | , L0001956 | , |
| L0001957 | , L0001958 | , L0001959 | , L0001960 | , L0001961 | , L0001962 | , L0001963 | , L0001964 | , |
| L0001965 | , L0001966 | , L0001967 | , L0001968 | , L0001969 | , L0001970 | , L0001971 | , L0001972 | , |
| L0001973 | , L0001974 | , L0001975 | , L0001976 | , L0001977 | , L0001978 | , L0001979 | , L0001980 | , |
| L0001981 | , L0001982 | , L0001983 | , L0001984 | , L0001985 | , L0001986 | , L0001987 | , L0001988 | , |
| L0001989 | , L0001990 | , L0001991 | , L0001992 | , L0001993 | , L0001994 | , L0001995 | , L0001996 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0001997 | , | L0001998 | , | L0001999 | , | L0002000 | , | L0002001 | , | L0002002 | , | L0002003 | , | L0002004 | , |
| L0002005 | , | L0002006 | , | L0002007 | , | L0002008 | , | L0002009 | , | L0002010 | , | L0002011 | , | L0002012 | , |
| L0002013 | , | L0002014 | , | L0002015 | , | L0002016 | , | L0002017 | , | L0002018 | , | L0002019 | , | L0002020 | , |
| L0002021 | , | L0002022 | , | L0002023 | , | L0002024 | , | L0002025 | , | L0002026 | , | L0002027 | , | L0002028 | , |
| L0002029 | , | L0002030 | , | L0002031 | , | L0002032 | , | L0002033 | , | L0002034 | , | L0002035 | , | L0002036 | , |
| L0002037 | , | L0002038 | , | L0002039 | , | L0002040 | , | L0002041 | , | L0002042 | , | L0002043 | , | L0002044 | , |
| L0002045 | , | L0002046 | , | L0002047 | , | L0002048 | , | L0002049 | , | L0002050 | , | L0002051 | , | L0002052 | , |
| L0002053 | , | L0002054 | , | L0002055 | , | L0002056 | , | L0002057 | , | L0002058 | , | L0002059 | , | L0002060 | , |
| L0002061 | , | L0002062 | , | L0002063 | , | L0002064 | , | L0002065 | , | L0002066 | , | L0002067 | , | L0002068 | , |
| L0002069 | , | L0002070 | , | L0002071 | , | L0002072 | , | L0002073 | , | L0002074 | , | L0002075 | , | L0002076 | , |
| L0002077 | , | L0002078 | , | L0002079 | , | L0002080 | , | L0002081 | , | L0002082 | , | L0002083 | , | L0002084 | , |
| L0002085 | , | L0002086 | , | L0002087 | , | L0002088 | , | L0002089 | , | L0002090 | , | L0002091 | , | L0002092 | , |
| L0002093 | , | L0002094 | , | L0002095 | , | L0002096 | , | L0002097 | , | L0002098 | , | L0002099 | , | L0002100 | , |
| L0002101 | , | L0002102 | , | L0002103 | , | L0002104 | , | L0002105 | , | L0002106 | , | L0002107 | , | L0002108 | , |
| L0002109 | , | L0002110 | , | L0002111 | , | L0002112 | , | L0002113 | , | L0002114 | , | L0002115 | , | L0002116 | , |
| L0002117 | , | L0002118 | , | L0002119 | , | L0002120 | , | L0002121 | , | L0002122 | , | L0002123 | , | L0002124 | , |
| L0002125 | , | L0002126 | , | L0002127 | , | L0002128 | , | L0002129 | , | L0002130 | , | L0002131 | , | L0002132 | , |
| L0002133 | , | L0002134 | , | L0002135 | , | L0002136 | , | L0002137 | , | L0002138 | , | L0002139 | , | L0002140 | , |
| L0002141 | , | | | | | | | | | | | | | | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| L0000008 | 2189641. | L0000001 | , L0000002 | , L0000003 | , L0000004 | , L0000005 | , L0000006 | , L0000007 | , | |
| | , | L0000009 | , L0000010 | , L0000011 | , L0000012 | , L0000013 | , L0000014 | , L0000015 | , L0000016 | , |
| | | L0000017 | , L0000018 | , L0000019 | , L0000020 | , L0000021 | , L0000022 | , L0000023 | , L0000024 | , |
| | | L0000025 | , L0000026 | , L0000027 | , L0000028 | , L0000029 | , L0000030 | , L0000031 | , L0000032 | , |
| | | L0000033 | , L0000034 | , L0000035 | , L0000036 | , L0000037 | , L0000038 | , L0000039 | , L0001716 | , |
| | | L0001717 | , L0001718 | , L0001719 | , L0001720 | , L0001721 | , L0001722 | , L0001723 | , L0001724 | , |
| | | L0001725 | , L0001726 | , L0001727 | , L0001728 | , L0001729 | , L0001730 | , L0001731 | , L0001732 | , |
| | | L0001733 | , L0001734 | , L0001735 | , L0001736 | , L0001737 | , L0001738 | , L0001739 | , L0001740 | , |
| | | L0001741 | , L0001742 | , L0001743 | , L0001744 | , L0001745 | , L0001746 | , L0001747 | , L0001748 | , |
| | | L0001749 | , L0001750 | , L0001751 | , L0001752 | , L0001753 | , L0001754 | , L0001755 | , L0001756 | , |
| | | L0001757 | , L0001758 | , L0001759 | , L0001760 | , L0001761 | , L0001762 | , L0001763 | , L0001764 | , |
| | | L0001765 | , L0001766 | , L0001767 | , L0001768 | , L0001769 | , L0001770 | , L0001771 | , L0001772 | , |
| | | L0001773 | , L0001774 | , L0001775 | , L0001776 | , L0001777 | , L0001778 | , L0001779 | , L0001780 | , |
| | | L0001781 | , L0001782 | , L0001783 | , L0001784 | , L0001785 | , L0001786 | , L0001787 | , L0001788 | , |
| | | L0001789 | , L0001790 | , L0001791 | , L0001792 | , L0001793 | , L0001794 | , L0001795 | , L0001796 | , |
| | | L0001797 | , L0001798 | , L0001799 | , L0001800 | , L0001801 | , L0001802 | , L0001803 | , L0001804 | , |
| | | L0001805 | , L0001806 | , L0001807 | , L0001808 | , L0001809 | , L0001810 | , L0001811 | , L0001812 | , |
| | | L0001813 | , L0001814 | , L0001815 | , L0001816 | , L0001817 | , L0001818 | , L0001819 | , L0001820 | , |
| | | L0001821 | , L0001822 | , L0001823 | , L0001824 | , L0001825 | , L0001826 | , L0001827 | , L0001828 | , |
| | | L0001829 | , L0001830 | , L0001831 | , L0001832 | , L0001833 | , L0001834 | , L0001835 | , L0001836 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0001837 | | , L0001838 | , L0001839 | , L0001840 | , L0001841 | , L0001842 | , L0001843 | , L0001844 | , |
| L0001845 | | , L0001846 | , L0001847 | , L0001848 | , L0001849 | , L0001850 | , L0001851 | , L0001852 | , |
| L0001853 | | , L0001854 | , L0001855 | , L0001856 | , L0001857 | , L0001858 | , L0001859 | , L0001860 | , |
| L0001861 | | , L0001862 | , L0001863 | , L0001864 | , L0001865 | , L0001866 | , L0001867 | , L0001868 | , |
| L0001869 | | , L0001870 | , L0001871 | , L0001872 | , L0001873 | , L0001874 | , L0001875 | , L0001876 | , |
| L0001877 | | , L0001878 | , L0001879 | , L0001880 | , L0001881 | , L0001882 | , L0001883 | , L0001884 | , |
| L0001885 | | , L0001886 | , L0001887 | , L0001888 | , L0001889 | , L0001890 | , L0001891 | , L0001892 | , |
| L0001893 | | , L0001894 | , L0001895 | , L0001896 | , L0001897 | , L0001898 | , L0001899 | , L0001900 | , |
| L0001901 | | , L0001902 | , L0001903 | , L0001904 | , L0001905 | , L0001906 | , L0001907 | , L0001908 | , |
| L0001909 | | , L0001910 | , L0001911 | , L0001912 | , L0001913 | , L0001914 | , L0001915 | , L0001916 | , |
| L0001917 | | , L0001918 | , L0001919 | , L0001920 | , L0001921 | , L0001922 | , L0001923 | , L0001924 | , |
| L0001925 | | , L0001926 | , L0001927 | , L0001928 | , L0001929 | , L0001930 | , L0001931 | , L0001932 | , |
| L0001933 | | , L0001934 | , L0001935 | , L0001936 | , L0001937 | , L0001938 | , L0001939 | , L0001940 | , |
| L0001941 | | , L0001942 | , L0001943 | , L0001944 | , L0001945 | , L0001946 | , L0001947 | , L0001948 | , |
| L0001949 | | , L0001950 | , L0001951 | , L0001952 | , L0001953 | , L0001954 | , L0001955 | , L0001956 | , |
| L0001957 | | , L0001958 | , L0001959 | , L0001960 | , L0001961 | , L0001962 | , L0001963 | , L0001964 | , |
| L0001965 | | , L0001966 | , L0001967 | , L0001968 | , L0001969 | , L0001970 | , L0001971 | , L0001972 | , |
| L0001973 | | , L0001974 | , L0001975 | , L0001976 | , L0001977 | , L0001978 | , L0001979 | , L0001980 | , |
| L0001981 | | , L0001982 | , L0001983 | , L0001984 | , L0001985 | , L0001986 | , L0001987 | , L0001988 | , |
| L0001989 | | , L0001990 | , L0001991 | , L0001992 | , L0001993 | , L0001994 | , L0001995 | , L0001996 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID ----- | URBAN POP ----- | SOURCE IDs ----- |
|-------------------|--------------------|--|
| L0001997 | , | L0001998 , L0001999 , L0002000 , L0002001 , L0002002 , L0002003 , L0002004 , |
| L0002005 | , | L0002006 , L0002007 , L0002008 , L0002009 , L0002010 , L0002011 , L0002012 , |
| L0002013 | , | L0002014 , L0002015 , L0002016 , L0002017 , L0002018 , L0002019 , L0002020 , |
| L0002021 | , | L0002022 , L0002023 , L0002024 , L0002025 , L0002026 , L0002027 , L0002028 , |
| L0002029 | , | L0002030 , L0002031 , L0002032 , L0002033 , L0002034 , L0002035 , L0002036 , |
| L0002037 | , | L0002038 , L0002039 , L0002040 , L0002041 , L0002042 , L0002043 , L0002044 , |
| L0002045 | , | L0002046 , L0002047 , L0002048 , L0002049 , L0002050 , L0002051 , L0002052 , |
| L0002053 | , | L0002054 , L0002055 , L0002056 , L0002057 , L0002058 , L0002059 , L0002060 , |
| L0002061 | , | L0002062 , L0002063 , L0002064 , L0002065 , L0002066 , L0002067 , L0002068 , |
| L0002069 | , | L0002070 , L0002071 , L0002072 , L0002073 , L0002074 , L0002075 , L0002076 , |
| L0002077 | , | L0002078 , L0002079 , L0002080 , L0002081 , L0002082 , L0002083 , L0002084 , |
| L0002085 | , | L0002086 , L0002087 , L0002088 , L0002089 , L0002090 , L0002091 , L0002092 , |
| L0002093 | , | L0002094 , L0002095 , L0002096 , L0002097 , L0002098 , L0002099 , L0002100 , |
| L0002101 | , | L0002102 , L0002103 , L0002104 , L0002105 , L0002106 , L0002107 , L0002108 , |
| L0002109 | , | L0002110 , L0002111 , L0002112 , L0002113 , L0002114 , L0002115 , L0002116 , |
| L0002117 | , | L0002118 , L0002119 , L0002120 , L0002121 , L0002122 , L0002123 , L0002124 , |
| L0002125 | , | L0002126 , L0002127 , L0002128 , L0002129 , L0002130 , L0002131 , L0002132 , |
| L0002133 | , | L0002134 , L0002135 , L0002136 , L0002137 , L0002138 , L0002139 , L0002140 , |
| L0002141 | , | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

477399.1, 477449.1, 477499.1, 477549.1, 477599.1, 477649.1, 477699.1, 477749.1, 477799.1, 477849.1,
477899.1, 477949.1, 477999.1, 478049.1, 478099.1, 478149.1, 478199.1, 478249.1, 478299.1, 478349.1,
478399.1, 478449.1, 478499.1, 478549.1, 478599.1, 478649.1, 478699.1, 478749.1, 478799.1, 478849.1,
478899.1, 478949.1, 478999.1, 479049.1, 479099.1, 479149.1, 479199.1, 479249.1, 479299.1, 479349.1,
479399.1, 479449.1, 479499.1, 479549.1, 479599.1, 479649.1, 479699.1, 479749.1, 479799.1, 479849.1,
479899.1, 479949.1, 479999.1, 480049.1, 480099.1, 480149.1, 480199.1, 480249.1, 480299.1, 480349.1,
480399.1, 480449.1, 480499.1, 480549.1, 480599.1, 480649.1, 480699.1, 480749.1, 480799.1, 480849.1,
480899.1, 480949.1,

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

3741964.3, 3742014.3, 3742064.3, 3742114.3, 3742164.3, 3742214.3, 3742264.3, 3742314.3, 3742364.3, 3742414.3,
3742464.3, 3742514.3, 3742564.3, 3742614.3, 3742664.3, 3742714.3, 3742764.3, 3742814.3, 3742864.3, 3742914.3,
3742964.3, 3743014.3, 3743064.3, 3743114.3, 3743164.3, 3743214.3, 3743264.3, 3743314.3, 3743364.3, 3743414.3,
3743464.3, 3743514.3, 3743564.3, 3743614.3, 3743664.3, 3743714.3, 3743764.3, 3743814.3,

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 592.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
 *** 12:27:31
 *** PAGE 30

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
 *** 12:27:31
 *** PAGE 31

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
 *** 12:27:31
 *** PAGE 32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
 *** 12:27:31
 *** PAGE 33

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
 *** 12:27:31
 *** PAGE 34

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
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*** PAGE 37

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | |
|------------------------|--------|--------|-------|------------------------|--------|--------|-------|
| (480087.8, 3742942.1, | 439.0, | 439.0, | 0.0); | (480087.8, 3742999.1, | 439.0, | 439.0, | 0.0); |
| (480089.4, 3743069.9, | 439.0, | 439.0, | 0.0); | (480088.7, 3743120.5, | 439.0, | 439.0, | 0.0); |
| (480088.7, 3743172.0, | 439.0, | 439.0, | 0.0); | (480088.7, 3743211.6, | 439.0, | 439.0, | 0.0); |
| (479731.9, 3743352.3, | 440.0, | 440.0, | 0.0); | (479352.6, 3743330.2, | 441.0, | 441.0, | 0.0); |
| (478263.3, 3742947.1, | 445.1, | 445.1, | 0.0); | (478262.8, 3742909.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742876.6, | 445.0, | 445.0, | 0.0); | (478261.3, 3742840.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742786.9, | 445.0, | 445.0, | 0.0); | (478283.8, 3742805.2, | 445.0, | 445.0, | 0.0); |
| (478282.9, 3742738.0, | 444.6, | 444.6, | 0.0); | (478282.9, 3742694.0, | 444.6, | 444.6, | 0.0); |
| (478261.6, 3742700.2, | 445.0, | 445.0, | 0.0); | (478262.2, 3742621.5, | 444.3, | 444.3, | 0.0); |
| (478261.6, 3742441.8, | 445.0, | 445.0, | 0.0); | (478263.4, 3742373.7, | 445.0, | 445.0, | 0.0); |
| (478263.4, 3742349.8, | 445.0, | 445.0, | 0.0); | (480290.2, 3743075.3, | 438.0, | 438.0, | 0.0); |
| (480292.2, 3743224.7, | 438.0, | 438.0, | 0.0); | (479926.0, 3743352.6, | 439.0, | 439.0, | 0.0); |
| (479732.3, 3743330.2, | 440.0, | 440.0, | 0.0); | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

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 *** 12:27:31
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR XR (METERS) | LOCATION -- YR (METERS) | DISTANCE (METERS) |
|--------------|----------------------------|----------------------------|----------------------|
| L0001835 | 478849.1 | 3743364.3 | 0.51 |
| L0001841 | 478799.1 | 3743364.3 | -0.44 |
| L0001847 | 478749.1 | 3743364.3 | -1.13 |
| L0001852 | 478699.1 | 3743364.3 | 0.46 |
| L0001853 | 478699.1 | 3743364.3 | -1.47 |
| L0001858 | 478649.1 | 3743364.3 | -1.08 |
| L0001859 | 478649.1 | 3743364.3 | -1.40 |
| L0001864 | 478599.1 | 3743364.3 | -2.55 |
| L0001865 | 478599.1 | 3743364.3 | -0.95 |
| L0001870 | 478549.1 | 3743364.3 | -3.84 |
| L0001871 | 478549.1 | 3743364.3 | -0.17 |
| L0001875 | 478499.1 | 3743364.3 | 0.73 |
| L0001876 | 478499.1 | 3743364.3 | -4.79 |
| L0001877 | 478499.1 | 3743364.3 | 0.86 |
| L0001881 | 478449.1 | 3743364.3 | -0.97 |
| L0001882 | 478449.1 | 3743364.3 | -5.12 |
| L0001887 | 478399.1 | 3743364.3 | -2.68 |
| L0001888 | 478399.1 | 3743364.3 | -4.66 |
| L0001893 | 478349.1 | 3743364.3 | -4.38 |
| L0001894 | 478349.1 | 3743364.3 | -3.62 |
| L0001899 | 478299.1 | 3743364.3 | -6.09 |
| L0001900 | 478299.1 | 3743364.3 | -2.28 |
| L0002010 | 478149.1 | 3742564.3 | 0.86 |
| L0002016 | 478099.1 | 3742564.3 | -0.29 |
| L0002021 | 478049.1 | 3742564.3 | -0.26 |
| L0002022 | 478049.1 | 3742564.3 | -1.04 |
| L0002027 | 477999.1 | 3742564.3 | -2.30 |
| L0002028 | 477999.1 | 3742564.3 | -1.24 |
| L0002033 | 477949.1 | 3742564.3 | -4.29 |
| L0002034 | 477949.1 | 3742564.3 | -0.86 |
| L0002038 | 477899.1 | 3742564.3 | 0.66 |
| L0002039 | 477899.1 | 3742564.3 | -6.10 |
| L0002040 | 477899.1 | 3742564.3 | 0.02 |
| L0002044 | 477849.1 | 3742564.3 | -1.15 |
| L0002045 | 477849.1 | 3742564.3 | -6.96 |
| L0002050 | 477799.1 | 3742564.3 | -2.79 |
| L0002051 | 477799.1 | 3742564.3 | -5.80 |
| L0002056 | 477749.1 | 3742564.3 | -4.02 |
| L0002057 | 477749.1 | 3742564.3 | -3.94 |
| L0002062 | 477699.1 | 3742564.3 | -4.50 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR LOCATION -- | | DISTANCE (METERS) |
|--------------|-------------------------|-------------|----------------------|
| | XR (METERS) | YR (METERS) | |
| L0002063 | 479899.1 | 3743014.3 | -5.19 |
| L0002068 | 479949.1 | 3743014.3 | -2.86 |
| L0002069 | 479949.1 | 3743014.3 | -4.36 |
| L0002074 | 479999.1 | 3743014.3 | -4.38 |
| L0002075 | 479999.1 | 3743014.3 | -3.18 |
| L0002080 | 480049.1 | 3743014.3 | -5.83 |
| L0002081 | 480049.1 | 3743014.3 | -1.84 |
| L0002120 | 480049.1 | 3743064.3 | 0.96 |
| L0002124 | 480049.1 | 3743114.3 | -0.71 |
| L0002125 | 480049.1 | 3743114.3 | -4.13 |
| L0002130 | 480049.1 | 3743164.3 | -1.63 |
| L0002131 | 480049.1 | 3743164.3 | -2.86 |
| L0002136 | 480049.1 | 3743214.3 | -2.25 |
| L0002137 | 480049.1 | 3743214.3 | -1.45 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00012 | 0.00013 | 0.00015 | 0.00016 | 0.00018 | 0.00019 | 0.00021 | 0.00023 | 0.00025 |
| 3742164.29 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00019 | 0.00021 | 0.00023 |
| 3742114.29 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00019 | 0.00020 |
| 3742064.29 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00018 |
| 3742014.29 | 0.00010 | 0.00011 | 0.00012 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 |
| 3741964.29 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00015 | 0.00016 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00027 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00033 | 0.00033 | 0.00033 | 0.00033 |
| 3742164.29 | 0.00024 | 0.00025 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00029 | 0.00029 |
| 3742114.29 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00026 | 0.00027 |
| 3742064.29 | 0.00019 | 0.00021 | 0.00021 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 |
| 3742014.29 | 0.00018 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 |
| 3741964.29 | 0.00017 | 0.00017 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00033 | 0.00032 | 0.00031 | 0.00030 | 0.00029 | 0.00029 | 0.00028 | 0.00027 | 0.00026 |
| 3742164.29 | 0.00029 | 0.00029 | 0.00029 | 0.00028 | 0.00027 | 0.00027 | 0.00026 | 0.00026 | 0.00025 |
| 3742114.29 | 0.00027 | 0.00027 | 0.00026 | 0.00026 | 0.00026 | 0.00025 | 0.00025 | 0.00024 | 0.00024 |
| 3742064.29 | 0.00025 | 0.00025 | 0.00025 | 0.00024 | 0.00024 | 0.00024 | 0.00023 | 0.00023 | 0.00023 |
| 3742014.29 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00022 | 0.00022 |
| 3741964.29 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00026 | 0.00026 | 0.00026 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00026 | 0.00026 |
| 3742164.29 | 0.00025 | 0.00025 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 |
| 3742114.29 | 0.00024 | 0.00024 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 |
| 3742064.29 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 |
| 3742014.29 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 |
| 3741964.29 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00027 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00030 | 0.00030 | 0.00031 |
| 3742164.29 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 |
| 3742114.29 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00026 | 0.00027 | 0.00027 |
| 3742064.29 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00026 |
| 3742014.29 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 |
| 3741964.29 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00031 | 0.00032 | 0.00033 | 0.00033 | 0.00034 | 0.00034 | 0.00035 | 0.00035 | 0.00035 |
| 3742164.29 | 0.00029 | 0.00030 | 0.00030 | 0.00031 | 0.00031 | 0.00032 | 0.00032 | 0.00032 | 0.00033 |
| 3742114.29 | 0.00028 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00030 |
| 3742064.29 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00028 | 0.00028 |
| 3742014.29 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | 0.00026 |
| 3741964.29 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00036 | 0.00036 | 0.00036 | 0.00035 | 0.00035 | 0.00034 | 0.00034 | 0.00033 | 0.00031 |
| 3742164.29 | 0.00033 | 0.00033 | 0.00033 | 0.00033 | 0.00032 | 0.00032 | 0.00031 | 0.00030 | 0.00030 |
| 3742114.29 | 0.00030 | 0.00031 | 0.00031 | 0.00030 | 0.00030 | 0.00030 | 0.00029 | 0.00029 | 0.00028 |
| 3742064.29 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00027 | 0.00027 | 0.00026 |
| 3742014.29 | 0.00027 | 0.00027 | 0.00027 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | 0.00025 | 0.00025 |
| 3741964.29 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00024 | 0.00024 | 0.00024 | 0.00023 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00030 | 0.00029 | 0.00028 | 0.00026 | 0.00025 | 0.00024 | 0.00022 | 0.00021 | 0.00020 |
| 3742164.29 | 0.00029 | 0.00027 | 0.00026 | 0.00025 | 0.00024 | 0.00023 | 0.00022 | 0.00020 | 0.00019 |
| 3742114.29 | 0.00027 | 0.00026 | 0.00025 | 0.00024 | 0.00023 | 0.00022 | 0.00021 | 0.00020 | 0.00019 |
| 3742064.29 | 0.00025 | 0.00025 | 0.00024 | 0.00023 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00018 |
| 3742014.29 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00018 |
| 3741964.29 | 0.00023 | 0.00022 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00019 | 0.00018 | 0.00017 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1

*** 07/27/20
*** 12:27:31
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*** 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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 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 ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 7/27/2020
** File: C:\Users\eliza\Desktop\FIR Redlands\ProjectAB2\ProjectAB2.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE First Industrial Warehouse at Rider and Redlands
  TITLETWO Project Only DPM Concentrations (2022) AB2
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL ProjectAB2.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 Redlands Ave b/n South Project Driveway and Rider St
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001037
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479888.795, 3743008.989, 439.00, 3.49, 4.00
** 479889.111, 3743340.543, 439.08, 3.49, 4.00
** -----
  LOCATION L0002142      VOLUME      479888.799 3743013.284 439.00

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| | | | | | |
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| LOCATION | L0002143 | VOLUME | 479888.807 | 3743021.874 | 439.00 |
| LOCATION | L0002144 | VOLUME | 479888.816 | 3743030.464 | 439.00 |
| LOCATION | L0002145 | VOLUME | 479888.824 | 3743039.054 | 439.00 |
| LOCATION | L0002146 | VOLUME | 479888.832 | 3743047.644 | 439.00 |
| LOCATION | L0002147 | VOLUME | 479888.840 | 3743056.234 | 439.00 |
| LOCATION | L0002148 | VOLUME | 479888.848 | 3743064.824 | 439.00 |
| LOCATION | L0002149 | VOLUME | 479888.857 | 3743073.414 | 439.00 |
| LOCATION | L0002150 | VOLUME | 479888.865 | 3743082.004 | 439.00 |
| LOCATION | L0002151 | VOLUME | 479888.873 | 3743090.594 | 439.00 |
| LOCATION | L0002152 | VOLUME | 479888.881 | 3743099.184 | 439.00 |
| LOCATION | L0002153 | VOLUME | 479888.889 | 3743107.774 | 439.00 |
| LOCATION | L0002154 | VOLUME | 479888.898 | 3743116.364 | 439.00 |
| LOCATION | L0002155 | VOLUME | 479888.906 | 3743124.954 | 439.01 |
| LOCATION | L0002156 | VOLUME | 479888.914 | 3743133.544 | 439.02 |
| LOCATION | L0002157 | VOLUME | 479888.922 | 3743142.134 | 439.03 |
| LOCATION | L0002158 | VOLUME | 479888.930 | 3743150.724 | 439.03 |
| LOCATION | L0002159 | VOLUME | 479888.939 | 3743159.314 | 439.03 |
| LOCATION | L0002160 | VOLUME | 479888.947 | 3743167.904 | 439.03 |
| LOCATION | L0002161 | VOLUME | 479888.955 | 3743176.494 | 439.03 |
| LOCATION | L0002162 | VOLUME | 479888.963 | 3743185.084 | 439.03 |
| LOCATION | L0002163 | VOLUME | 479888.971 | 3743193.674 | 439.03 |
| LOCATION | L0002164 | VOLUME | 479888.980 | 3743202.264 | 439.03 |
| LOCATION | L0002165 | VOLUME | 479888.988 | 3743210.854 | 439.03 |
| LOCATION | L0002166 | VOLUME | 479888.996 | 3743219.444 | 439.03 |
| LOCATION | L0002167 | VOLUME | 479889.004 | 3743228.034 | 439.03 |
| LOCATION | L0002168 | VOLUME | 479889.012 | 3743236.624 | 439.03 |
| LOCATION | L0002169 | VOLUME | 479889.020 | 3743245.214 | 439.03 |
| LOCATION | L0002170 | VOLUME | 479889.029 | 3743253.804 | 439.03 |
| LOCATION | L0002171 | VOLUME | 479889.037 | 3743262.394 | 439.03 |
| LOCATION | L0002172 | VOLUME | 479889.045 | 3743270.984 | 439.03 |
| LOCATION | L0002173 | VOLUME | 479889.053 | 3743279.574 | 439.03 |
| LOCATION | L0002174 | VOLUME | 479889.061 | 3743288.164 | 439.03 |
| LOCATION | L0002175 | VOLUME | 479889.070 | 3743296.754 | 439.03 |
| LOCATION | L0002176 | VOLUME | 479889.078 | 3743305.344 | 439.03 |
| LOCATION | L0002177 | VOLUME | 479889.086 | 3743313.934 | 439.03 |
| LOCATION | L0002178 | VOLUME | 479889.094 | 3743322.524 | 439.03 |
| LOCATION | L0002179 | VOLUME | 479889.102 | 3743331.114 | 439.03 |
| LOCATION | L0002180 | VOLUME | 479889.111 | 3743339.704 | 439.03 |

** End of LINE VOLUME Source ID = SLINE1

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Rider St b/n Redlands Ave and Indian Ave

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00003283

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 479877.508, 3743340.588, 439.62, 3.49, 4.00

** 478273.056, 3743363.748, 447.00, 3.49, 4.00

**

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002181 | VOLUME | 479873.213 | 3743340.650 | 439.56 |
| LOCATION | L0002182 | VOLUME | 479864.624 | 3743340.774 | 439.84 |
| LOCATION | L0002183 | VOLUME | 479856.035 | 3743340.898 | 440.00 |
| LOCATION | L0002184 | VOLUME | 479847.446 | 3743341.022 | 440.00 |
| LOCATION | L0002185 | VOLUME | 479838.857 | 3743341.146 | 440.00 |
| LOCATION | L0002186 | VOLUME | 479830.267 | 3743341.270 | 440.00 |
| LOCATION | L0002187 | VOLUME | 479821.678 | 3743341.394 | 440.00 |
| LOCATION | L0002188 | VOLUME | 479813.089 | 3743341.518 | 440.00 |
| LOCATION | L0002189 | VOLUME | 479804.500 | 3743341.642 | 440.00 |
| LOCATION | L0002190 | VOLUME | 479795.911 | 3743341.766 | 440.00 |
| LOCATION | L0002191 | VOLUME | 479787.322 | 3743341.890 | 440.00 |
| LOCATION | L0002192 | VOLUME | 479778.733 | 3743342.014 | 440.00 |
| LOCATION | L0002193 | VOLUME | 479770.144 | 3743342.138 | 440.00 |
| LOCATION | L0002194 | VOLUME | 479761.555 | 3743342.262 | 440.00 |
| LOCATION | L0002195 | VOLUME | 479752.965 | 3743342.386 | 440.00 |
| LOCATION | L0002196 | VOLUME | 479744.376 | 3743342.510 | 440.00 |
| LOCATION | L0002197 | VOLUME | 479735.787 | 3743342.634 | 440.00 |
| LOCATION | L0002198 | VOLUME | 479727.198 | 3743342.758 | 440.00 |
| LOCATION | L0002199 | VOLUME | 479718.609 | 3743342.882 | 440.00 |
| LOCATION | L0002200 | VOLUME | 479710.020 | 3743343.006 | 440.00 |
| LOCATION | L0002201 | VOLUME | 479701.431 | 3743343.130 | 440.00 |
| LOCATION | L0002202 | VOLUME | 479692.842 | 3743343.254 | 440.00 |
| LOCATION | L0002203 | VOLUME | 479684.253 | 3743343.378 | 440.00 |
| LOCATION | L0002204 | VOLUME | 479675.664 | 3743343.502 | 440.00 |
| LOCATION | L0002205 | VOLUME | 479667.074 | 3743343.626 | 440.00 |
| LOCATION | L0002206 | VOLUME | 479658.485 | 3743343.750 | 440.00 |
| LOCATION | L0002207 | VOLUME | 479649.896 | 3743343.874 | 440.00 |
| LOCATION | L0002208 | VOLUME | 479641.307 | 3743343.998 | 440.00 |
| LOCATION | L0002209 | VOLUME | 479632.718 | 3743344.122 | 440.00 |
| LOCATION | L0002210 | VOLUME | 479624.129 | 3743344.246 | 440.00 |
| LOCATION | L0002211 | VOLUME | 479615.540 | 3743344.370 | 440.00 |
| LOCATION | L0002212 | VOLUME | 479606.951 | 3743344.494 | 440.00 |
| LOCATION | L0002213 | VOLUME | 479598.362 | 3743344.618 | 440.00 |
| LOCATION | L0002214 | VOLUME | 479589.772 | 3743344.742 | 440.01 |
| LOCATION | L0002215 | VOLUME | 479581.183 | 3743344.866 | 440.29 |
| LOCATION | L0002216 | VOLUME | 479572.594 | 3743344.990 | 440.58 |
| LOCATION | L0002217 | VOLUME | 479564.005 | 3743345.114 | 440.86 |
| LOCATION | L0002218 | VOLUME | 479555.416 | 3743345.238 | 441.00 |
| LOCATION | L0002219 | VOLUME | 479546.827 | 3743345.362 | 441.00 |
| LOCATION | L0002220 | VOLUME | 479538.238 | 3743345.486 | 441.00 |
| LOCATION | L0002221 | VOLUME | 479529.649 | 3743345.609 | 441.00 |
| LOCATION | L0002222 | VOLUME | 479521.060 | 3743345.733 | 441.00 |
| LOCATION | L0002223 | VOLUME | 479512.471 | 3743345.857 | 441.00 |
| LOCATION | L0002224 | VOLUME | 479503.881 | 3743345.981 | 441.00 |
| LOCATION | L0002225 | VOLUME | 479495.292 | 3743346.105 | 441.00 |
| LOCATION | L0002226 | VOLUME | 479486.703 | 3743346.229 | 441.00 |
| LOCATION | L0002227 | VOLUME | 479478.114 | 3743346.353 | 441.00 |
| LOCATION | L0002228 | VOLUME | 479469.525 | 3743346.477 | 441.00 |
| LOCATION | L0002229 | VOLUME | 479460.936 | 3743346.601 | 441.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002230 | VOLUME | 479452.347 | 3743346.725 | 441.00 |
| LOCATION | L0002231 | VOLUME | 479443.758 | 3743346.849 | 441.00 |
| LOCATION | L0002232 | VOLUME | 479435.169 | 3743346.973 | 441.00 |
| LOCATION | L0002233 | VOLUME | 479426.579 | 3743347.097 | 441.00 |
| LOCATION | L0002234 | VOLUME | 479417.990 | 3743347.221 | 441.00 |
| LOCATION | L0002235 | VOLUME | 479409.401 | 3743347.345 | 441.00 |
| LOCATION | L0002236 | VOLUME | 479400.812 | 3743347.469 | 441.00 |
| LOCATION | L0002237 | VOLUME | 479392.223 | 3743347.593 | 441.00 |
| LOCATION | L0002238 | VOLUME | 479383.634 | 3743347.717 | 441.00 |
| LOCATION | L0002239 | VOLUME | 479375.045 | 3743347.841 | 441.00 |
| LOCATION | L0002240 | VOLUME | 479366.456 | 3743347.965 | 441.00 |
| LOCATION | L0002241 | VOLUME | 479357.867 | 3743348.089 | 441.00 |
| LOCATION | L0002242 | VOLUME | 479349.278 | 3743348.213 | 441.00 |
| LOCATION | L0002243 | VOLUME | 479340.688 | 3743348.337 | 441.00 |
| LOCATION | L0002244 | VOLUME | 479332.099 | 3743348.461 | 441.00 |
| LOCATION | L0002245 | VOLUME | 479323.510 | 3743348.585 | 441.00 |
| LOCATION | L0002246 | VOLUME | 479314.921 | 3743348.709 | 441.17 |
| LOCATION | L0002247 | VOLUME | 479306.332 | 3743348.833 | 441.45 |
| LOCATION | L0002248 | VOLUME | 479297.743 | 3743348.957 | 441.74 |
| LOCATION | L0002249 | VOLUME | 479289.154 | 3743349.081 | 442.00 |
| LOCATION | L0002250 | VOLUME | 479280.565 | 3743349.205 | 442.00 |
| LOCATION | L0002251 | VOLUME | 479271.976 | 3743349.329 | 442.00 |
| LOCATION | L0002252 | VOLUME | 479263.386 | 3743349.453 | 442.00 |
| LOCATION | L0002253 | VOLUME | 479254.797 | 3743349.577 | 442.00 |
| LOCATION | L0002254 | VOLUME | 479246.208 | 3743349.701 | 442.00 |
| LOCATION | L0002255 | VOLUME | 479237.619 | 3743349.825 | 442.00 |
| LOCATION | L0002256 | VOLUME | 479229.030 | 3743349.949 | 442.00 |
| LOCATION | L0002257 | VOLUME | 479220.441 | 3743350.073 | 442.00 |
| LOCATION | L0002258 | VOLUME | 479211.852 | 3743350.197 | 442.00 |
| LOCATION | L0002259 | VOLUME | 479203.263 | 3743350.321 | 442.00 |
| LOCATION | L0002260 | VOLUME | 479194.674 | 3743350.445 | 442.00 |
| LOCATION | L0002261 | VOLUME | 479186.085 | 3743350.569 | 442.00 |
| LOCATION | L0002262 | VOLUME | 479177.495 | 3743350.693 | 442.00 |
| LOCATION | L0002263 | VOLUME | 479168.906 | 3743350.817 | 442.00 |
| LOCATION | L0002264 | VOLUME | 479160.317 | 3743350.941 | 442.00 |
| LOCATION | L0002265 | VOLUME | 479151.728 | 3743351.065 | 442.00 |
| LOCATION | L0002266 | VOLUME | 479143.139 | 3743351.189 | 442.00 |
| LOCATION | L0002267 | VOLUME | 479134.550 | 3743351.313 | 442.00 |
| LOCATION | L0002268 | VOLUME | 479125.961 | 3743351.437 | 442.00 |
| LOCATION | L0002269 | VOLUME | 479117.372 | 3743351.561 | 442.00 |
| LOCATION | L0002270 | VOLUME | 479108.783 | 3743351.685 | 442.00 |
| LOCATION | L0002271 | VOLUME | 479100.193 | 3743351.809 | 442.00 |
| LOCATION | L0002272 | VOLUME | 479091.604 | 3743351.933 | 442.00 |
| LOCATION | L0002273 | VOLUME | 479083.015 | 3743352.057 | 442.00 |
| LOCATION | L0002274 | VOLUME | 479074.426 | 3743352.181 | 442.18 |
| LOCATION | L0002275 | VOLUME | 479065.837 | 3743352.305 | 442.47 |
| LOCATION | L0002276 | VOLUME | 479057.248 | 3743352.429 | 442.76 |
| LOCATION | L0002277 | VOLUME | 479048.659 | 3743352.552 | 443.00 |
| LOCATION | L0002278 | VOLUME | 479040.070 | 3743352.676 | 443.00 |
| LOCATION | L0002279 | VOLUME | 479031.481 | 3743352.800 | 443.00 |
| LOCATION | L0002280 | VOLUME | 479022.892 | 3743352.924 | 443.00 |

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|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002281 | VOLUME | 479014.302 | 3743353.048 | 443.00 |
| LOCATION | L0002282 | VOLUME | 479005.713 | 3743353.172 | 443.00 |
| LOCATION | L0002283 | VOLUME | 478997.124 | 3743353.296 | 443.00 |
| LOCATION | L0002284 | VOLUME | 478988.535 | 3743353.420 | 443.00 |
| LOCATION | L0002285 | VOLUME | 478979.946 | 3743353.544 | 443.00 |
| LOCATION | L0002286 | VOLUME | 478971.357 | 3743353.668 | 443.00 |
| LOCATION | L0002287 | VOLUME | 478962.768 | 3743353.792 | 443.00 |
| LOCATION | L0002288 | VOLUME | 478954.179 | 3743353.916 | 443.18 |
| LOCATION | L0002289 | VOLUME | 478945.590 | 3743354.040 | 443.44 |
| LOCATION | L0002290 | VOLUME | 478937.000 | 3743354.164 | 443.71 |
| LOCATION | L0002291 | VOLUME | 478928.411 | 3743354.288 | 443.94 |
| LOCATION | L0002292 | VOLUME | 478919.822 | 3743354.412 | 443.96 |
| LOCATION | L0002293 | VOLUME | 478911.233 | 3743354.536 | 443.98 |
| LOCATION | L0002294 | VOLUME | 478902.644 | 3743354.660 | 444.00 |
| LOCATION | L0002295 | VOLUME | 478894.055 | 3743354.784 | 444.00 |
| LOCATION | L0002296 | VOLUME | 478885.466 | 3743354.908 | 444.00 |
| LOCATION | L0002297 | VOLUME | 478876.877 | 3743355.032 | 444.00 |
| LOCATION | L0002298 | VOLUME | 478868.288 | 3743355.156 | 444.00 |
| LOCATION | L0002299 | VOLUME | 478859.699 | 3743355.280 | 444.00 |
| LOCATION | L0002300 | VOLUME | 478851.109 | 3743355.404 | 444.00 |
| LOCATION | L0002301 | VOLUME | 478842.520 | 3743355.528 | 444.00 |
| LOCATION | L0002302 | VOLUME | 478833.931 | 3743355.652 | 444.00 |
| LOCATION | L0002303 | VOLUME | 478825.342 | 3743355.776 | 444.00 |
| LOCATION | L0002304 | VOLUME | 478816.753 | 3743355.900 | 444.00 |
| LOCATION | L0002305 | VOLUME | 478808.164 | 3743356.024 | 444.00 |
| LOCATION | L0002306 | VOLUME | 478799.575 | 3743356.148 | 444.00 |
| LOCATION | L0002307 | VOLUME | 478790.986 | 3743356.272 | 444.00 |
| LOCATION | L0002308 | VOLUME | 478782.397 | 3743356.396 | 444.00 |
| LOCATION | L0002309 | VOLUME | 478773.807 | 3743356.520 | 444.20 |
| LOCATION | L0002310 | VOLUME | 478765.218 | 3743356.644 | 444.49 |
| LOCATION | L0002311 | VOLUME | 478756.629 | 3743356.768 | 444.78 |
| LOCATION | L0002312 | VOLUME | 478748.040 | 3743356.892 | 445.00 |
| LOCATION | L0002313 | VOLUME | 478739.451 | 3743357.016 | 445.00 |
| LOCATION | L0002314 | VOLUME | 478730.862 | 3743357.140 | 445.00 |
| LOCATION | L0002315 | VOLUME | 478722.273 | 3743357.264 | 445.00 |
| LOCATION | L0002316 | VOLUME | 478713.684 | 3743357.388 | 445.00 |
| LOCATION | L0002317 | VOLUME | 478705.095 | 3743357.512 | 445.00 |
| LOCATION | L0002318 | VOLUME | 478696.506 | 3743357.636 | 445.00 |
| LOCATION | L0002319 | VOLUME | 478687.916 | 3743357.760 | 445.00 |
| LOCATION | L0002320 | VOLUME | 478679.327 | 3743357.884 | 445.00 |
| LOCATION | L0002321 | VOLUME | 478670.738 | 3743358.008 | 445.00 |
| LOCATION | L0002322 | VOLUME | 478662.149 | 3743358.132 | 445.00 |
| LOCATION | L0002323 | VOLUME | 478653.560 | 3743358.256 | 445.00 |
| LOCATION | L0002324 | VOLUME | 478644.971 | 3743358.380 | 445.00 |
| LOCATION | L0002325 | VOLUME | 478636.382 | 3743358.504 | 445.00 |
| LOCATION | L0002326 | VOLUME | 478627.793 | 3743358.628 | 445.07 |
| LOCATION | L0002327 | VOLUME | 478619.204 | 3743358.752 | 445.36 |
| LOCATION | L0002328 | VOLUME | 478610.614 | 3743358.876 | 445.64 |
| LOCATION | L0002329 | VOLUME | 478602.025 | 3743359.000 | 445.93 |
| LOCATION | L0002330 | VOLUME | 478593.436 | 3743359.124 | 446.00 |
| LOCATION | L0002331 | VOLUME | 478584.847 | 3743359.248 | 446.00 |

| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0002332 | VOLUME | 478576.258 | 3743359.372 | 446.00 | |
| LOCATION L0002333 | VOLUME | 478567.669 | 3743359.495 | 446.00 | |
| LOCATION L0002334 | VOLUME | 478559.080 | 3743359.619 | 446.00 | |
| LOCATION L0002335 | VOLUME | 478550.491 | 3743359.743 | 446.00 | |
| LOCATION L0002336 | VOLUME | 478541.902 | 3743359.867 | 446.00 | |
| LOCATION L0002337 | VOLUME | 478533.313 | 3743359.991 | 446.00 | |
| LOCATION L0002338 | VOLUME | 478524.723 | 3743360.115 | 446.00 | |
| LOCATION L0002339 | VOLUME | 478516.134 | 3743360.239 | 446.00 | |
| LOCATION L0002340 | VOLUME | 478507.545 | 3743360.363 | 446.00 | |
| LOCATION L0002341 | VOLUME | 478498.956 | 3743360.487 | 446.00 | |
| LOCATION L0002342 | VOLUME | 478490.367 | 3743360.611 | 446.00 | |
| LOCATION L0002343 | VOLUME | 478481.778 | 3743360.735 | 446.00 | |
| LOCATION L0002344 | VOLUME | 478473.189 | 3743360.859 | 446.00 | |
| LOCATION L0002345 | VOLUME | 478464.600 | 3743360.983 | 446.00 | |
| LOCATION L0002346 | VOLUME | 478456.011 | 3743361.107 | 446.00 | |
| LOCATION L0002347 | VOLUME | 478447.421 | 3743361.231 | 446.00 | |
| LOCATION L0002348 | VOLUME | 478438.832 | 3743361.355 | 446.00 | |
| LOCATION L0002349 | VOLUME | 478430.243 | 3743361.479 | 446.00 | |
| LOCATION L0002350 | VOLUME | 478421.654 | 3743361.603 | 446.00 | |
| LOCATION L0002351 | VOLUME | 478413.065 | 3743361.727 | 446.00 | |
| LOCATION L0002352 | VOLUME | 478404.476 | 3743361.851 | 446.00 | |
| LOCATION L0002353 | VOLUME | 478395.887 | 3743361.975 | 446.00 | |
| LOCATION L0002354 | VOLUME | 478387.298 | 3743362.099 | 446.00 | |
| LOCATION L0002355 | VOLUME | 478378.709 | 3743362.223 | 446.00 | |
| LOCATION L0002356 | VOLUME | 478370.120 | 3743362.347 | 446.00 | |
| LOCATION L0002357 | VOLUME | 478361.530 | 3743362.471 | 446.00 | |
| LOCATION L0002358 | VOLUME | 478352.941 | 3743362.595 | 446.23 | |
| LOCATION L0002359 | VOLUME | 478344.352 | 3743362.719 | 446.52 | |
| LOCATION L0002360 | VOLUME | 478335.763 | 3743362.843 | 446.80 | |
| LOCATION L0002361 | VOLUME | 478327.174 | 3743362.967 | 447.00 | |
| LOCATION L0002362 | VOLUME | 478318.585 | 3743363.091 | 447.00 | |
| LOCATION L0002363 | VOLUME | 478309.996 | 3743363.215 | 447.00 | |
| LOCATION L0002364 | VOLUME | 478301.407 | 3743363.339 | 447.00 | |
| LOCATION L0002365 | VOLUME | 478292.818 | 3743363.463 | 447.00 | |
| LOCATION L0002366 | VOLUME | 478284.228 | 3743363.587 | 447.00 | |
| LOCATION L0002367 | VOLUME | 478275.639 | 3743363.711 | 447.00 | |

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** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Indian Ave b/n Rider St and Placentia Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001623
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478273.764, 3743355.843, 447.00, 3.49, 4.00
** 478272.855, 3742555.023, 444.06, 3.49, 4.00
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| LOCATION | L0002368 | VOLUME | 478273.759 | 3743351.548 | 447.00 |
| LOCATION | L0002369 | VOLUME | 478273.749 | 3743342.958 | 447.00 |
| LOCATION | L0002370 | VOLUME | 478273.739 | 3743334.368 | 447.00 |
| LOCATION | L0002371 | VOLUME | 478273.730 | 3743325.778 | 447.00 |
| LOCATION | L0002372 | VOLUME | 478273.720 | 3743317.188 | 447.00 |
| LOCATION | L0002373 | VOLUME | 478273.710 | 3743308.598 | 447.00 |
| LOCATION | L0002374 | VOLUME | 478273.700 | 3743300.008 | 447.00 |
| LOCATION | L0002375 | VOLUME | 478273.691 | 3743291.418 | 447.00 |
| LOCATION | L0002376 | VOLUME | 478273.681 | 3743282.828 | 447.00 |
| LOCATION | L0002377 | VOLUME | 478273.671 | 3743274.238 | 447.00 |
| LOCATION | L0002378 | VOLUME | 478273.661 | 3743265.648 | 447.00 |
| LOCATION | L0002379 | VOLUME | 478273.652 | 3743257.058 | 447.00 |
| LOCATION | L0002380 | VOLUME | 478273.642 | 3743248.468 | 447.00 |
| LOCATION | L0002381 | VOLUME | 478273.632 | 3743239.878 | 447.00 |
| LOCATION | L0002382 | VOLUME | 478273.622 | 3743231.288 | 446.98 |
| LOCATION | L0002383 | VOLUME | 478273.613 | 3743222.698 | 446.94 |
| LOCATION | L0002384 | VOLUME | 478273.603 | 3743214.108 | 446.91 |
| LOCATION | L0002385 | VOLUME | 478273.593 | 3743205.518 | 446.88 |
| LOCATION | L0002386 | VOLUME | 478273.583 | 3743196.928 | 446.88 |
| LOCATION | L0002387 | VOLUME | 478273.574 | 3743188.338 | 446.88 |
| LOCATION | L0002388 | VOLUME | 478273.564 | 3743179.748 | 446.88 |
| LOCATION | L0002389 | VOLUME | 478273.554 | 3743171.158 | 446.73 |
| LOCATION | L0002390 | VOLUME | 478273.544 | 3743162.568 | 446.48 |
| LOCATION | L0002391 | VOLUME | 478273.535 | 3743153.978 | 446.23 |
| LOCATION | L0002392 | VOLUME | 478273.525 | 3743145.388 | 446.00 |
| LOCATION | L0002393 | VOLUME | 478273.515 | 3743136.798 | 446.00 |
| LOCATION | L0002394 | VOLUME | 478273.505 | 3743128.208 | 446.00 |
| LOCATION | L0002395 | VOLUME | 478273.496 | 3743119.618 | 446.00 |
| LOCATION | L0002396 | VOLUME | 478273.486 | 3743111.028 | 446.00 |
| LOCATION | L0002397 | VOLUME | 478273.476 | 3743102.438 | 446.00 |
| LOCATION | L0002398 | VOLUME | 478273.466 | 3743093.848 | 446.00 |
| LOCATION | L0002399 | VOLUME | 478273.457 | 3743085.258 | 446.00 |
| LOCATION | L0002400 | VOLUME | 478273.447 | 3743076.668 | 446.00 |
| LOCATION | L0002401 | VOLUME | 478273.437 | 3743068.078 | 446.00 |
| LOCATION | L0002402 | VOLUME | 478273.427 | 3743059.488 | 446.00 |
| LOCATION | L0002403 | VOLUME | 478273.418 | 3743050.898 | 446.00 |
| LOCATION | L0002404 | VOLUME | 478273.408 | 3743042.308 | 446.00 |
| LOCATION | L0002405 | VOLUME | 478273.398 | 3743033.718 | 446.00 |
| LOCATION | L0002406 | VOLUME | 478273.388 | 3743025.128 | 446.00 |
| LOCATION | L0002407 | VOLUME | 478273.379 | 3743016.538 | 446.00 |
| LOCATION | L0002408 | VOLUME | 478273.369 | 3743007.948 | 446.00 |
| LOCATION | L0002409 | VOLUME | 478273.359 | 3742999.358 | 446.00 |
| LOCATION | L0002410 | VOLUME | 478273.349 | 3742990.768 | 445.82 |
| LOCATION | L0002411 | VOLUME | 478273.340 | 3742982.178 | 445.53 |
| LOCATION | L0002412 | VOLUME | 478273.330 | 3742973.588 | 445.25 |
| LOCATION | L0002413 | VOLUME | 478273.320 | 3742964.998 | 445.00 |
| LOCATION | L0002414 | VOLUME | 478273.310 | 3742956.408 | 445.00 |
| LOCATION | L0002415 | VOLUME | 478273.301 | 3742947.818 | 445.00 |
| LOCATION | L0002416 | VOLUME | 478273.291 | 3742939.228 | 445.00 |
| LOCATION | L0002417 | VOLUME | 478273.281 | 3742930.638 | 445.00 |
| LOCATION | L0002418 | VOLUME | 478273.271 | 3742922.048 | 445.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002419 | VOLUME | 478273.262 | 3742913.458 | 445.00 |
| LOCATION | L0002420 | VOLUME | 478273.252 | 3742904.868 | 445.00 |
| LOCATION | L0002421 | VOLUME | 478273.242 | 3742896.278 | 445.00 |
| LOCATION | L0002422 | VOLUME | 478273.232 | 3742887.688 | 445.00 |
| LOCATION | L0002423 | VOLUME | 478273.223 | 3742879.098 | 445.00 |
| LOCATION | L0002424 | VOLUME | 478273.213 | 3742870.508 | 445.00 |
| LOCATION | L0002425 | VOLUME | 478273.203 | 3742861.918 | 445.00 |
| LOCATION | L0002426 | VOLUME | 478273.193 | 3742853.328 | 445.00 |
| LOCATION | L0002427 | VOLUME | 478273.184 | 3742844.738 | 445.00 |
| LOCATION | L0002428 | VOLUME | 478273.174 | 3742836.148 | 445.00 |
| LOCATION | L0002429 | VOLUME | 478273.164 | 3742827.558 | 445.00 |
| LOCATION | L0002430 | VOLUME | 478273.154 | 3742818.968 | 445.00 |
| LOCATION | L0002431 | VOLUME | 478273.145 | 3742810.378 | 445.00 |
| LOCATION | L0002432 | VOLUME | 478273.135 | 3742801.788 | 445.00 |
| LOCATION | L0002433 | VOLUME | 478273.125 | 3742793.198 | 445.00 |
| LOCATION | L0002434 | VOLUME | 478273.115 | 3742784.608 | 444.99 |
| LOCATION | L0002435 | VOLUME | 478273.106 | 3742776.018 | 444.96 |
| LOCATION | L0002436 | VOLUME | 478273.096 | 3742767.428 | 444.93 |
| LOCATION | L0002437 | VOLUME | 478273.086 | 3742758.838 | 444.90 |
| LOCATION | L0002438 | VOLUME | 478273.076 | 3742750.248 | 444.89 |
| LOCATION | L0002439 | VOLUME | 478273.067 | 3742741.659 | 444.89 |
| LOCATION | L0002440 | VOLUME | 478273.057 | 3742733.069 | 444.89 |
| LOCATION | L0002441 | VOLUME | 478273.047 | 3742724.479 | 444.90 |
| LOCATION | L0002442 | VOLUME | 478273.038 | 3742715.889 | 444.90 |
| LOCATION | L0002443 | VOLUME | 478273.028 | 3742707.299 | 444.90 |
| LOCATION | L0002444 | VOLUME | 478273.018 | 3742698.709 | 444.90 |
| LOCATION | L0002445 | VOLUME | 478273.008 | 3742690.119 | 444.90 |
| LOCATION | L0002446 | VOLUME | 478272.999 | 3742681.529 | 444.90 |
| LOCATION | L0002447 | VOLUME | 478272.989 | 3742672.939 | 444.90 |
| LOCATION | L0002448 | VOLUME | 478272.979 | 3742664.349 | 444.84 |
| LOCATION | L0002449 | VOLUME | 478272.969 | 3742655.759 | 444.59 |
| LOCATION | L0002450 | VOLUME | 478272.960 | 3742647.169 | 444.33 |
| LOCATION | L0002451 | VOLUME | 478272.950 | 3742638.579 | 444.07 |
| LOCATION | L0002452 | VOLUME | 478272.940 | 3742629.989 | 444.00 |
| LOCATION | L0002453 | VOLUME | 478272.930 | 3742621.399 | 444.00 |
| LOCATION | L0002454 | VOLUME | 478272.921 | 3742612.809 | 444.00 |
| LOCATION | L0002455 | VOLUME | 478272.911 | 3742604.219 | 444.00 |
| LOCATION | L0002456 | VOLUME | 478272.901 | 3742595.629 | 444.00 |
| LOCATION | L0002457 | VOLUME | 478272.891 | 3742587.039 | 444.00 |
| LOCATION | L0002458 | VOLUME | 478272.882 | 3742578.449 | 444.00 |
| LOCATION | L0002459 | VOLUME | 478272.872 | 3742569.859 | 444.00 |
| LOCATION | L0002460 | VOLUME | 478272.862 | 3742561.269 | 444.00 |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Placentia Ave b/n Indian Ave and I-215 Ramps

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001161

```

** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478272.866, 3742551.384, 444.03, 3.49, 4.00
** 477700.489, 3742567.347, 450.94, 3.49, 4.00
** -----
LOCATION L0002461    VOLUME  478268.572 3742551.503 444.04
LOCATION L0002462    VOLUME  478259.986 3742551.743 444.33
LOCATION L0002463    VOLUME  478251.399 3742551.982 444.62
LOCATION L0002464    VOLUME  478242.812 3742552.222 444.90
LOCATION L0002465    VOLUME  478234.226 3742552.461 445.00
LOCATION L0002466    VOLUME  478225.639 3742552.701 445.00
LOCATION L0002467    VOLUME  478217.052 3742552.940 445.00
LOCATION L0002468    VOLUME  478208.466 3742553.180 445.00
LOCATION L0002469    VOLUME  478199.879 3742553.419 445.00
LOCATION L0002470    VOLUME  478191.292 3742553.659 445.00
LOCATION L0002471    VOLUME  478182.706 3742553.898 445.00
LOCATION L0002472    VOLUME  478174.119 3742554.138 445.00
LOCATION L0002473    VOLUME  478165.532 3742554.377 445.00
LOCATION L0002474    VOLUME  478156.946 3742554.617 445.00
LOCATION L0002475    VOLUME  478148.359 3742554.856 445.05
LOCATION L0002476    VOLUME  478139.772 3742555.096 445.34
LOCATION L0002477    VOLUME  478131.186 3742555.335 445.62
LOCATION L0002478    VOLUME  478122.599 3742555.575 445.91
LOCATION L0002479    VOLUME  478114.012 3742555.814 446.00
LOCATION L0002480    VOLUME  478105.426 3742556.054 446.00
LOCATION L0002481    VOLUME  478096.839 3742556.293 446.00
LOCATION L0002482    VOLUME  478088.252 3742556.532 446.00
LOCATION L0002483    VOLUME  478079.666 3742556.772 446.00
LOCATION L0002484    VOLUME  478071.079 3742557.011 446.00
LOCATION L0002485    VOLUME  478062.492 3742557.251 446.00
LOCATION L0002486    VOLUME  478053.906 3742557.490 446.20
LOCATION L0002487    VOLUME  478045.319 3742557.730 446.49
LOCATION L0002488    VOLUME  478036.732 3742557.969 446.77
LOCATION L0002489    VOLUME  478028.146 3742558.209 447.00
LOCATION L0002490    VOLUME  478019.559 3742558.448 447.00
LOCATION L0002491    VOLUME  478010.972 3742558.688 447.00
LOCATION L0002492    VOLUME  478002.386 3742558.927 447.00
LOCATION L0002493    VOLUME  477993.799 3742559.167 447.00
LOCATION L0002494    VOLUME  477985.212 3742559.406 447.00
LOCATION L0002495    VOLUME  477976.626 3742559.646 447.00
LOCATION L0002496    VOLUME  477968.039 3742559.885 447.06
LOCATION L0002497    VOLUME  477959.452 3742560.125 447.35
LOCATION L0002498    VOLUME  477950.866 3742560.364 447.63
LOCATION L0002499    VOLUME  477942.279 3742560.604 447.92
LOCATION L0002500    VOLUME  477933.693 3742560.843 448.00
LOCATION L0002501    VOLUME  477925.106 3742561.083 448.00
LOCATION L0002502    VOLUME  477916.519 3742561.322 448.00
LOCATION L0002503    VOLUME  477907.933 3742561.562 448.00
LOCATION L0002504    VOLUME  477899.346 3742561.801 448.00
LOCATION L0002505    VOLUME  477890.759 3742562.041 448.00

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| LOCATION | VOLUME | | | |
|----------|------------|-------------|--------|--|
| L0002506 | 477882.173 | 3742562.280 | 448.00 | |
| L0002507 | 477873.586 | 3742562.520 | 448.10 | |
| L0002508 | 477864.999 | 3742562.759 | 448.22 | |
| L0002509 | 477856.413 | 3742562.999 | 448.34 | |
| L0002510 | 477847.826 | 3742563.238 | 448.47 | |
| L0002511 | 477839.239 | 3742563.478 | 448.63 | |
| L0002512 | 477830.653 | 3742563.717 | 448.79 | |
| L0002513 | 477822.066 | 3742563.956 | 448.96 | |
| L0002514 | 477813.479 | 3742564.196 | 449.09 | |
| L0002515 | 477804.893 | 3742564.435 | 449.20 | |
| L0002516 | 477796.306 | 3742564.675 | 449.30 | |
| L0002517 | 477787.719 | 3742564.914 | 449.42 | |
| L0002518 | 477779.133 | 3742565.154 | 449.59 | |
| L0002519 | 477770.546 | 3742565.393 | 449.77 | |
| L0002520 | 477761.959 | 3742565.633 | 449.96 | |
| L0002521 | 477753.373 | 3742565.872 | 450.00 | |
| L0002522 | 477744.786 | 3742566.112 | 450.00 | |
| L0002523 | 477736.199 | 3742566.351 | 450.00 | |
| L0002524 | 477727.613 | 3742566.591 | 450.08 | |
| L0002525 | 477719.026 | 3742566.830 | 450.36 | |
| L0002526 | 477710.439 | 3742567.070 | 450.65 | |
| L0002527 | 477701.853 | 3742567.309 | 450.93 | |

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC On-site Drive Aisle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002452

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 479896.687, 3743011.429, 439.00, 3.49, 4.00

** 480074.817, 3743012.641, 439.00, 3.49, 4.00

** 480078.452, 3743327.701, 439.00, 3.49, 4.00

** -----

| | | | | |
|----------|------------|-------------|--------|--|
| L0002528 | 479900.982 | 3743011.459 | 439.00 | |
| L0002529 | 479909.571 | 3743011.517 | 439.00 | |
| L0002530 | 479918.161 | 3743011.575 | 439.00 | |
| L0002531 | 479926.751 | 3743011.634 | 439.00 | |
| L0002532 | 479935.341 | 3743011.692 | 439.00 | |
| L0002533 | 479943.931 | 3743011.751 | 439.00 | |
| L0002534 | 479952.520 | 3743011.809 | 439.00 | |
| L0002535 | 479961.110 | 3743011.868 | 439.00 | |
| L0002536 | 479969.700 | 3743011.926 | 439.00 | |
| L0002537 | 479978.290 | 3743011.984 | 439.00 | |
| L0002538 | 479986.880 | 3743012.043 | 439.00 | |
| L0002539 | 479995.469 | 3743012.101 | 439.00 | |
| L0002540 | 480004.059 | 3743012.160 | 439.00 | |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002541 | VOLUME | 480012.649 | 3743012.218 | 439.00 |
| LOCATION | L0002542 | VOLUME | 480021.239 | 3743012.277 | 439.00 |
| LOCATION | L0002543 | VOLUME | 480029.829 | 3743012.335 | 439.00 |
| LOCATION | L0002544 | VOLUME | 480038.418 | 3743012.394 | 439.00 |
| LOCATION | L0002545 | VOLUME | 480047.008 | 3743012.452 | 439.00 |
| LOCATION | L0002546 | VOLUME | 480055.598 | 3743012.510 | 439.00 |
| LOCATION | L0002547 | VOLUME | 480064.188 | 3743012.569 | 439.00 |
| LOCATION | L0002548 | VOLUME | 480072.778 | 3743012.627 | 439.00 |
| LOCATION | L0002549 | VOLUME | 480074.892 | 3743019.192 | 439.00 |
| LOCATION | L0002550 | VOLUME | 480074.991 | 3743027.781 | 439.00 |
| LOCATION | L0002551 | VOLUME | 480075.090 | 3743036.370 | 439.00 |
| LOCATION | L0002552 | VOLUME | 480075.190 | 3743044.960 | 439.00 |
| LOCATION | L0002553 | VOLUME | 480075.289 | 3743053.549 | 439.00 |
| LOCATION | L0002554 | VOLUME | 480075.388 | 3743062.139 | 439.00 |
| LOCATION | L0002555 | VOLUME | 480075.487 | 3743070.728 | 439.00 |
| LOCATION | L0002556 | VOLUME | 480075.586 | 3743079.318 | 439.00 |
| LOCATION | L0002557 | VOLUME | 480075.685 | 3743087.907 | 439.00 |
| LOCATION | L0002558 | VOLUME | 480075.784 | 3743096.496 | 439.00 |
| LOCATION | L0002559 | VOLUME | 480075.883 | 3743105.086 | 439.00 |
| LOCATION | L0002560 | VOLUME | 480075.982 | 3743113.675 | 439.00 |
| LOCATION | L0002561 | VOLUME | 480076.082 | 3743122.265 | 439.00 |
| LOCATION | L0002562 | VOLUME | 480076.181 | 3743130.854 | 439.00 |
| LOCATION | L0002563 | VOLUME | 480076.280 | 3743139.444 | 439.00 |
| LOCATION | L0002564 | VOLUME | 480076.379 | 3743148.033 | 439.00 |
| LOCATION | L0002565 | VOLUME | 480076.478 | 3743156.622 | 439.00 |
| LOCATION | L0002566 | VOLUME | 480076.577 | 3743165.212 | 439.00 |
| LOCATION | L0002567 | VOLUME | 480076.676 | 3743173.801 | 439.00 |
| LOCATION | L0002568 | VOLUME | 480076.775 | 3743182.391 | 439.00 |
| LOCATION | L0002569 | VOLUME | 480076.874 | 3743190.980 | 439.00 |
| LOCATION | L0002570 | VOLUME | 480076.974 | 3743199.570 | 439.00 |
| LOCATION | L0002571 | VOLUME | 480077.073 | 3743208.159 | 439.00 |
| LOCATION | L0002572 | VOLUME | 480077.172 | 3743216.748 | 439.00 |
| LOCATION | L0002573 | VOLUME | 480077.271 | 3743225.338 | 439.00 |
| LOCATION | L0002574 | VOLUME | 480077.370 | 3743233.927 | 439.00 |
| LOCATION | L0002575 | VOLUME | 480077.469 | 3743242.517 | 439.00 |
| LOCATION | L0002576 | VOLUME | 480077.568 | 3743251.106 | 439.00 |
| LOCATION | L0002577 | VOLUME | 480077.667 | 3743259.696 | 439.00 |
| LOCATION | L0002578 | VOLUME | 480077.766 | 3743268.285 | 439.00 |
| LOCATION | L0002579 | VOLUME | 480077.866 | 3743276.874 | 439.00 |
| LOCATION | L0002580 | VOLUME | 480077.965 | 3743285.464 | 439.00 |
| LOCATION | L0002581 | VOLUME | 480078.064 | 3743294.053 | 439.00 |
| LOCATION | L0002582 | VOLUME | 480078.163 | 3743302.643 | 439.00 |
| LOCATION | L0002583 | VOLUME | 480078.262 | 3743311.232 | 439.00 |
| LOCATION | L0002584 | VOLUME | 480078.361 | 3743319.822 | 439.00 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Loading Area

** PREFIX

** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00008362
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480052.657, 3743068.840, 439.00, 3.49, 4.00
** 480054.778, 3743260.316, 439.00, 3.49, 4.00
** -----
LOCATION L0002585      VOLUME  480052.705 3743073.135 439.00
LOCATION L0002586      VOLUME  480052.800 3743081.724 439.00
LOCATION L0002587      VOLUME  480052.895 3743090.314 439.00
LOCATION L0002588      VOLUME  480052.990 3743098.903 439.00
LOCATION L0002589      VOLUME  480053.085 3743107.493 439.00
LOCATION L0002590      VOLUME  480053.180 3743116.082 439.00
LOCATION L0002591      VOLUME  480053.275 3743124.672 439.00
LOCATION L0002592      VOLUME  480053.371 3743133.261 439.00
LOCATION L0002593      VOLUME  480053.466 3743141.851 439.00
LOCATION L0002594      VOLUME  480053.561 3743150.440 439.00
LOCATION L0002595      VOLUME  480053.656 3743159.030 439.00
LOCATION L0002596      VOLUME  480053.751 3743167.619 439.00
LOCATION L0002597      VOLUME  480053.846 3743176.209 439.00
LOCATION L0002598      VOLUME  480053.941 3743184.798 439.00
LOCATION L0002599      VOLUME  480054.037 3743193.388 439.00
LOCATION L0002600      VOLUME  480054.132 3743201.977 439.00
LOCATION L0002601      VOLUME  480054.227 3743210.567 439.00
LOCATION L0002602      VOLUME  480054.322 3743219.156 439.00
LOCATION L0002603      VOLUME  480054.417 3743227.745 439.00
LOCATION L0002604      VOLUME  480054.512 3743236.335 439.00
LOCATION L0002605      VOLUME  480054.607 3743244.924 439.00
LOCATION L0002606      VOLUME  480054.703 3743253.514 439.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
SRCPARAM L0002142    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002143    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002144    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002145    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002146    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002147    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002148    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002149    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002150    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002151    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002152    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002153    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002154    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002155    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002156    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002157    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002158    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002159    0.0000002659      3.49      4.00      3.25

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| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002160 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002161 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002162 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002163 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002164 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002165 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002166 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002167 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002168 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002169 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002170 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002171 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002172 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002173 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002174 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002175 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002176 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002177 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002178 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002179 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002180 | 0.0000002659 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE2

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002181 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002182 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002183 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002184 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002185 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002186 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002187 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002188 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002189 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002190 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002191 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002192 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002193 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002194 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002195 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002196 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002197 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002198 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002199 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002200 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002201 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002202 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002203 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002204 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002205 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002206 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002207 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002208 | 0.0000001756 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002362 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002363 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002364 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002365 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002366 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002367 | 0.0000001756 | 3.49 | 4.00 | 3.25 |

**-----

** LINE VOLUME Source ID = SLINE3

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002368 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002369 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002370 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002371 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002372 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002373 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002374 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002375 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002376 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002377 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002378 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002379 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002380 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002381 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002382 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002383 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002384 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002385 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002386 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002387 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002388 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002389 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002390 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002391 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002392 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002393 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002394 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002395 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002396 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002397 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002398 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002399 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002400 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002401 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002402 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002403 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002404 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002405 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002406 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002407 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002408 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002409 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002410 | 0.0000001745 | 3.49 | 4.00 | 3.25 |

** LINE VOLUME Source ID = SLINE4

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002461 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002462 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002463 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002464 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002465 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002466 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002467 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002468 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002469 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002470 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002471 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002472 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002473 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002474 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002475 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002476 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002477 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002478 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002479 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002480 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002481 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002482 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002483 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002484 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002485 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002486 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002487 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002488 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002489 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002490 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002491 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002492 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002493 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002494 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002495 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002496 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002497 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002498 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002499 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002500 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002501 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002502 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002503 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002504 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002505 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002506 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002507 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002508 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002509 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002510 | 0.0000001733 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002511 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002512 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002513 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002514 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002515 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002516 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002517 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002518 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002519 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002520 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002521 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002522 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002523 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002524 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002525 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002526 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002527 | 0.0000001733 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINES

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002528 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002529 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002530 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002531 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002532 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002533 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002534 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002535 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002536 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002537 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002538 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002539 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002540 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002541 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002542 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002543 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002544 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002545 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002546 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002547 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002548 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002549 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002550 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002551 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002552 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002553 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002554 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002555 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002556 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002557 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002558 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002559 | 0.0000004302 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002560 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002561 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002562 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002563 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002564 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002565 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002566 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002567 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002568 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002569 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002570 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002571 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002572 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002573 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002574 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002575 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002576 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002577 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002578 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002579 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002580 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002581 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002582 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002583 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002584 | 0.0000004302 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE6

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0002585 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002586 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002587 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002588 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002589 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002590 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002591 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002592 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002593 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002594 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002595 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002596 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002597 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002598 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002599 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002600 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002601 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002602 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002603 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002604 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002605 | 0.000003801 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002606 | 0.000003801 | 3.49 | 4.00 | 3.25 |

**

URBANSRC ALL

```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED ProjectAB2.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PERI_v9.SFC
  PROFFILE PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL PROJECTAB2.AD\PE00GALL.PLT 31
  SUMMFILE ProjectAB2.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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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


**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 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 = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: ProjectAB2.err
**File for Summary of Results: ProjectAB2.sum

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
*** 12:36:14
*** PAGE 14

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | | |
|-------------|------------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | | |
| ALL | L0002142 | , | L0002143 | , | L0002144 | , | L0002145 | , | L0002146 | , | L0002147 | , | L0002148 | , | L0002149 | , |
| | L0002150 | , | L0002151 | , | L0002152 | , | L0002153 | , | L0002154 | , | L0002155 | , | L0002156 | , | L0002157 | , |
| | L0002158 | , | L0002159 | , | L0002160 | , | L0002161 | , | L0002162 | , | L0002163 | , | L0002164 | , | L0002165 | , |
| | L0002166 | , | L0002167 | , | L0002168 | , | L0002169 | , | L0002170 | , | L0002171 | , | L0002172 | , | L0002173 | , |
| | L0002174 | , | L0002175 | , | L0002176 | , | L0002177 | , | L0002178 | , | L0002179 | , | L0002180 | , | L0002181 | , |
| | L0002182 | , | L0002183 | , | L0002184 | , | L0002185 | , | L0002186 | , | L0002187 | , | L0002188 | , | L0002189 | , |
| | L0002190 | , | L0002191 | , | L0002192 | , | L0002193 | , | L0002194 | , | L0002195 | , | L0002196 | , | L0002197 | , |
| | L0002198 | , | L0002199 | , | L0002200 | , | L0002201 | , | L0002202 | , | L0002203 | , | L0002204 | , | L0002205 | , |
| | L0002206 | , | L0002207 | , | L0002208 | , | L0002209 | , | L0002210 | , | L0002211 | , | L0002212 | , | L0002213 | , |
| | L0002214 | , | L0002215 | , | L0002216 | , | L0002217 | , | L0002218 | , | L0002219 | , | L0002220 | , | L0002221 | , |
| | L0002222 | , | L0002223 | , | L0002224 | , | L0002225 | , | L0002226 | , | L0002227 | , | L0002228 | , | L0002229 | , |
| | L0002230 | , | L0002231 | , | L0002232 | , | L0002233 | , | L0002234 | , | L0002235 | , | L0002236 | , | L0002237 | , |
| | L0002238 | , | L0002239 | , | L0002240 | , | L0002241 | , | L0002242 | , | L0002243 | , | L0002244 | , | L0002245 | , |
| | L0002246 | , | L0002247 | , | L0002248 | , | L0002249 | , | L0002250 | , | L0002251 | , | L0002252 | , | L0002253 | , |
| | L0002254 | , | L0002255 | , | L0002256 | , | L0002257 | , | L0002258 | , | L0002259 | , | L0002260 | , | L0002261 | , |
| | L0002262 | , | L0002263 | , | L0002264 | , | L0002265 | , | L0002266 | , | L0002267 | , | L0002268 | , | L0002269 | , |
| | L0002270 | , | L0002271 | , | L0002272 | , | L0002273 | , | L0002274 | , | L0002275 | , | L0002276 | , | L0002277 | , |
| | L0002278 | , | L0002279 | , | L0002280 | , | L0002281 | , | L0002282 | , | L0002283 | , | L0002284 | , | L0002285 | , |
| | L0002286 | , | L0002287 | , | L0002288 | , | L0002289 | , | L0002290 | , | L0002291 | , | L0002292 | , | L0002293 | , |
| | L0002294 | , | L0002295 | , | L0002296 | , | L0002297 | , | L0002298 | , | L0002299 | , | L0002300 | , | L0002301 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002302 | , | L0002303 | , | L0002304 | , | L0002305 | , | L0002306 | , | L0002307 | , | L0002308 | , | L0002309 | , |
| L0002310 | , | L0002311 | , | L0002312 | , | L0002313 | , | L0002314 | , | L0002315 | , | L0002316 | , | L0002317 | , |
| L0002318 | , | L0002319 | , | L0002320 | , | L0002321 | , | L0002322 | , | L0002323 | , | L0002324 | , | L0002325 | , |
| L0002326 | , | L0002327 | , | L0002328 | , | L0002329 | , | L0002330 | , | L0002331 | , | L0002332 | , | L0002333 | , |
| L0002334 | , | L0002335 | , | L0002336 | , | L0002337 | , | L0002338 | , | L0002339 | , | L0002340 | , | L0002341 | , |
| L0002342 | , | L0002343 | , | L0002344 | , | L0002345 | , | L0002346 | , | L0002347 | , | L0002348 | , | L0002349 | , |
| L0002350 | , | L0002351 | , | L0002352 | , | L0002353 | , | L0002354 | , | L0002355 | , | L0002356 | , | L0002357 | , |
| L0002358 | , | L0002359 | , | L0002360 | , | L0002361 | , | L0002362 | , | L0002363 | , | L0002364 | , | L0002365 | , |
| L0002366 | , | L0002367 | , | L0002368 | , | L0002369 | , | L0002370 | , | L0002371 | , | L0002372 | , | L0002373 | , |
| L0002374 | , | L0002375 | , | L0002376 | , | L0002377 | , | L0002378 | , | L0002379 | , | L0002380 | , | L0002381 | , |
| L0002382 | , | L0002383 | , | L0002384 | , | L0002385 | , | L0002386 | , | L0002387 | , | L0002388 | , | L0002389 | , |
| L0002390 | , | L0002391 | , | L0002392 | , | L0002393 | , | L0002394 | , | L0002395 | , | L0002396 | , | L0002397 | , |
| L0002398 | , | L0002399 | , | L0002400 | , | L0002401 | , | L0002402 | , | L0002403 | , | L0002404 | , | L0002405 | , |
| L0002406 | , | L0002407 | , | L0002408 | , | L0002409 | , | L0002410 | , | L0002411 | , | L0002412 | , | L0002413 | , |
| L0002414 | , | L0002415 | , | L0002416 | , | L0002417 | , | L0002418 | , | L0002419 | , | L0002420 | , | L0002421 | , |
| L0002422 | , | L0002423 | , | L0002424 | , | L0002425 | , | L0002426 | , | L0002427 | , | L0002428 | , | L0002429 | , |
| L0002430 | , | L0002431 | , | L0002432 | , | L0002433 | , | L0002434 | , | L0002435 | , | L0002436 | , | L0002437 | , |
| L0002438 | , | L0002439 | , | L0002440 | , | L0002441 | , | L0002442 | , | L0002443 | , | L0002444 | , | L0002445 | , |
| L0002446 | , | L0002447 | , | L0002448 | , | L0002449 | , | L0002450 | , | L0002451 | , | L0002452 | , | L0002453 | , |
| L0002454 | , | L0002455 | , | L0002456 | , | L0002457 | , | L0002458 | , | L0002459 | , | L0002460 | , | L0002461 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0002462 , L0002463 , L0002464 , L0002465 , L0002466 , L0002467 , L0002468 , L0002469 ,
L0002470 , L0002471 , L0002472 , L0002473 , L0002474 , L0002475 , L0002476 , L0002477 ,
L0002478 , L0002479 , L0002480 , L0002481 , L0002482 , L0002483 , L0002484 , L0002485 ,
L0002486 , L0002487 , L0002488 , L0002489 , L0002490 , L0002491 , L0002492 , L0002493 ,
L0002494 , L0002495 , L0002496 , L0002497 , L0002498 , L0002499 , L0002500 , L0002501 ,
L0002502 , L0002503 , L0002504 , L0002505 , L0002506 , L0002507 , L0002508 , L0002509 ,
L0002510 , L0002511 , L0002512 , L0002513 , L0002514 , L0002515 , L0002516 , L0002517 ,
L0002518 , L0002519 , L0002520 , L0002521 , L0002522 , L0002523 , L0002524 , L0002525 ,
L0002526 , L0002527 , L0002528 , L0002529 , L0002530 , L0002531 , L0002532 , L0002533 ,
L0002534 , L0002535 , L0002536 , L0002537 , L0002538 , L0002539 , L0002540 , L0002541 ,
L0002542 , L0002543 , L0002544 , L0002545 , L0002546 , L0002547 , L0002548 , L0002549 ,
L0002550 , L0002551 , L0002552 , L0002553 , L0002554 , L0002555 , L0002556 , L0002557 ,
L0002558 , L0002559 , L0002560 , L0002561 , L0002562 , L0002563 , L0002564 , L0002565 ,
L0002566 , L0002567 , L0002568 , L0002569 , L0002570 , L0002571 , L0002572 , L0002573 ,
L0002574 , L0002575 , L0002576 , L0002577 , L0002578 , L0002579 , L0002580 , L0002581 ,
L0002582 , L0002583 , L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 ,
L0002590 , L0002591 , L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 ,
L0002598 , L0002599 , L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 ,
L0002606 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| L0002149 | 2189641. | L0002142 | , L0002143 | , L0002144 | , L0002145 | , L0002146 | , L0002147 | , L0002148 | , | |
| | , | L0002150 | , L0002151 | , L0002152 | , L0002153 | , L0002154 | , L0002155 | , L0002156 | , L0002157 | , |
| | | L0002158 | , L0002159 | , L0002160 | , L0002161 | , L0002162 | , L0002163 | , L0002164 | , L0002165 | , |
| | | L0002166 | , L0002167 | , L0002168 | , L0002169 | , L0002170 | , L0002171 | , L0002172 | , L0002173 | , |
| | | L0002174 | , L0002175 | , L0002176 | , L0002177 | , L0002178 | , L0002179 | , L0002180 | , L0002181 | , |
| | | L0002182 | , L0002183 | , L0002184 | , L0002185 | , L0002186 | , L0002187 | , L0002188 | , L0002189 | , |
| | | L0002190 | , L0002191 | , L0002192 | , L0002193 | , L0002194 | , L0002195 | , L0002196 | , L0002197 | , |
| | | L0002198 | , L0002199 | , L0002200 | , L0002201 | , L0002202 | , L0002203 | , L0002204 | , L0002205 | , |
| | | L0002206 | , L0002207 | , L0002208 | , L0002209 | , L0002210 | , L0002211 | , L0002212 | , L0002213 | , |
| | | L0002214 | , L0002215 | , L0002216 | , L0002217 | , L0002218 | , L0002219 | , L0002220 | , L0002221 | , |
| | | L0002222 | , L0002223 | , L0002224 | , L0002225 | , L0002226 | , L0002227 | , L0002228 | , L0002229 | , |
| | | L0002230 | , L0002231 | , L0002232 | , L0002233 | , L0002234 | , L0002235 | , L0002236 | , L0002237 | , |
| | | L0002238 | , L0002239 | , L0002240 | , L0002241 | , L0002242 | , L0002243 | , L0002244 | , L0002245 | , |
| | | L0002246 | , L0002247 | , L0002248 | , L0002249 | , L0002250 | , L0002251 | , L0002252 | , L0002253 | , |
| | | L0002254 | , L0002255 | , L0002256 | , L0002257 | , L0002258 | , L0002259 | , L0002260 | , L0002261 | , |
| | | L0002262 | , L0002263 | , L0002264 | , L0002265 | , L0002266 | , L0002267 | , L0002268 | , L0002269 | , |
| | | L0002270 | , L0002271 | , L0002272 | , L0002273 | , L0002274 | , L0002275 | , L0002276 | , L0002277 | , |
| | | L0002278 | , L0002279 | , L0002280 | , L0002281 | , L0002282 | , L0002283 | , L0002284 | , L0002285 | , |
| | | L0002286 | , L0002287 | , L0002288 | , L0002289 | , L0002290 | , L0002291 | , L0002292 | , L0002293 | , |
| | | L0002294 | , L0002295 | , L0002296 | , L0002297 | , L0002298 | , L0002299 | , L0002300 | , L0002301 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0002302 | | , L0002303 | , L0002304 | , L0002305 | , L0002306 | , L0002307 | , L0002308 | , L0002309 | , |
| L0002310 | | , L0002311 | , L0002312 | , L0002313 | , L0002314 | , L0002315 | , L0002316 | , L0002317 | , |
| L0002318 | | , L0002319 | , L0002320 | , L0002321 | , L0002322 | , L0002323 | , L0002324 | , L0002325 | , |
| L0002326 | | , L0002327 | , L0002328 | , L0002329 | , L0002330 | , L0002331 | , L0002332 | , L0002333 | , |
| L0002334 | | , L0002335 | , L0002336 | , L0002337 | , L0002338 | , L0002339 | , L0002340 | , L0002341 | , |
| L0002342 | | , L0002343 | , L0002344 | , L0002345 | , L0002346 | , L0002347 | , L0002348 | , L0002349 | , |
| L0002350 | | , L0002351 | , L0002352 | , L0002353 | , L0002354 | , L0002355 | , L0002356 | , L0002357 | , |
| L0002358 | | , L0002359 | , L0002360 | , L0002361 | , L0002362 | , L0002363 | , L0002364 | , L0002365 | , |
| L0002366 | | , L0002367 | , L0002368 | , L0002369 | , L0002370 | , L0002371 | , L0002372 | , L0002373 | , |
| L0002374 | | , L0002375 | , L0002376 | , L0002377 | , L0002378 | , L0002379 | , L0002380 | , L0002381 | , |
| L0002382 | | , L0002383 | , L0002384 | , L0002385 | , L0002386 | , L0002387 | , L0002388 | , L0002389 | , |
| L0002390 | | , L0002391 | , L0002392 | , L0002393 | , L0002394 | , L0002395 | , L0002396 | , L0002397 | , |
| L0002398 | | , L0002399 | , L0002400 | , L0002401 | , L0002402 | , L0002403 | , L0002404 | , L0002405 | , |
| L0002406 | | , L0002407 | , L0002408 | , L0002409 | , L0002410 | , L0002411 | , L0002412 | , L0002413 | , |
| L0002414 | | , L0002415 | , L0002416 | , L0002417 | , L0002418 | , L0002419 | , L0002420 | , L0002421 | , |
| L0002422 | | , L0002423 | , L0002424 | , L0002425 | , L0002426 | , L0002427 | , L0002428 | , L0002429 | , |
| L0002430 | | , L0002431 | , L0002432 | , L0002433 | , L0002434 | , L0002435 | , L0002436 | , L0002437 | , |
| L0002438 | | , L0002439 | , L0002440 | , L0002441 | , L0002442 | , L0002443 | , L0002444 | , L0002445 | , |
| L0002446 | | , L0002447 | , L0002448 | , L0002449 | , L0002450 | , L0002451 | , L0002452 | , L0002453 | , |
| L0002454 | | , L0002455 | , L0002456 | , L0002457 | , L0002458 | , L0002459 | , L0002460 | , L0002461 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | | | | | | | |
| L0002462 | | , L0002463 | , L0002464 | , L0002465 | , L0002466 | , L0002467 | , L0002468 | , L0002469 | , |
| L0002470 | | , L0002471 | , L0002472 | , L0002473 | , L0002474 | , L0002475 | , L0002476 | , L0002477 | , |
| L0002478 | | , L0002479 | , L0002480 | , L0002481 | , L0002482 | , L0002483 | , L0002484 | , L0002485 | , |
| L0002486 | | , L0002487 | , L0002488 | , L0002489 | , L0002490 | , L0002491 | , L0002492 | , L0002493 | , |
| L0002494 | | , L0002495 | , L0002496 | , L0002497 | , L0002498 | , L0002499 | , L0002500 | , L0002501 | , |
| L0002502 | | , L0002503 | , L0002504 | , L0002505 | , L0002506 | , L0002507 | , L0002508 | , L0002509 | , |
| L0002510 | | , L0002511 | , L0002512 | , L0002513 | , L0002514 | , L0002515 | , L0002516 | , L0002517 | , |
| L0002518 | | , L0002519 | , L0002520 | , L0002521 | , L0002522 | , L0002523 | , L0002524 | , L0002525 | , |
| L0002526 | | , L0002527 | , L0002528 | , L0002529 | , L0002530 | , L0002531 | , L0002532 | , L0002533 | , |
| L0002534 | | , L0002535 | , L0002536 | , L0002537 | , L0002538 | , L0002539 | , L0002540 | , L0002541 | , |
| L0002542 | | , L0002543 | , L0002544 | , L0002545 | , L0002546 | , L0002547 | , L0002548 | , L0002549 | , |
| L0002550 | | , L0002551 | , L0002552 | , L0002553 | , L0002554 | , L0002555 | , L0002556 | , L0002557 | , |
| L0002558 | | , L0002559 | , L0002560 | , L0002561 | , L0002562 | , L0002563 | , L0002564 | , L0002565 | , |
| L0002566 | | , L0002567 | , L0002568 | , L0002569 | , L0002570 | , L0002571 | , L0002572 | , L0002573 | , |
| L0002574 | | , L0002575 | , L0002576 | , L0002577 | , L0002578 | , L0002579 | , L0002580 | , L0002581 | , |
| L0002582 | | , L0002583 | , L0002584 | , L0002585 | , L0002586 | , L0002587 | , L0002588 | , L0002589 | , |
| L0002590 | | , L0002591 | , L0002592 | , L0002593 | , L0002594 | , L0002595 | , L0002596 | , L0002597 | , |
| L0002598 | | , L0002599 | , L0002600 | , L0002601 | , L0002602 | , L0002603 | , L0002604 | , L0002605 | , |
| L0002606 | | , | | | | | | | |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

477399.1, 477449.1, 477499.1, 477549.1, 477599.1, 477649.1, 477699.1, 477749.1, 477799.1, 477849.1,
477899.1, 477949.1, 477999.1, 478049.1, 478099.1, 478149.1, 478199.1, 478249.1, 478299.1, 478349.1,
478399.1, 478449.1, 478499.1, 478549.1, 478599.1, 478649.1, 478699.1, 478749.1, 478799.1, 478849.1,
478899.1, 478949.1, 478999.1, 479049.1, 479099.1, 479149.1, 479199.1, 479249.1, 479299.1, 479349.1,
479399.1, 479449.1, 479499.1, 479549.1, 479599.1, 479649.1, 479699.1, 479749.1, 479799.1, 479849.1,
479899.1, 479949.1, 479999.1, 480049.1, 480099.1, 480149.1, 480199.1, 480249.1, 480299.1, 480349.1,
480399.1, 480449.1, 480499.1, 480549.1, 480599.1, 480649.1, 480699.1, 480749.1, 480799.1, 480849.1,
480899.1, 480949.1,

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

3741964.3, 3742014.3, 3742064.3, 3742114.3, 3742164.3, 3742214.3, 3742264.3, 3742314.3, 3742364.3, 3742414.3,
3742464.3, 3742514.3, 3742564.3, 3742614.3, 3742664.3, 3742714.3, 3742764.3, 3742814.3, 3742864.3, 3742914.3,
3742964.3, 3743014.3, 3743064.3, 3743114.3, 3743164.3, 3743214.3, 3743264.3, 3743314.3, 3743364.3, 3743414.3,
3743464.3, 3743514.3, 3743564.3, 3743614.3, 3743664.3, 3743714.3, 3743764.3, 3743814.3,

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 461.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 461.00 | 460.30 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 461.00 | 460.40 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 22

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 24

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 25

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | X-COORD (METERS) | | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 479349.08 | 479399.08 | | | | |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 26

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 27

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 28

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 440.00 | 440.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 440.00 | 440.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 | 440.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.30 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 29

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 592.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 30

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 31

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 34

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 35

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
*** 12:36:14
*** PAGE 37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | |
|------------------------|--------|--------|-------|------------------------|--------|--------|-------|
| (480087.8, 3742942.1, | 439.0, | 439.0, | 0.0); | (480087.8, 3742999.1, | 439.0, | 439.0, | 0.0); |
| (480089.4, 3743069.9, | 439.0, | 439.0, | 0.0); | (480088.7, 3743120.5, | 439.0, | 439.0, | 0.0); |
| (480088.7, 3743172.0, | 439.0, | 439.0, | 0.0); | (480088.7, 3743211.6, | 439.0, | 439.0, | 0.0); |
| (479731.9, 3743352.3, | 440.0, | 440.0, | 0.0); | (479352.6, 3743330.2, | 441.0, | 441.0, | 0.0); |
| (478263.3, 3742947.1, | 445.1, | 445.1, | 0.0); | (478262.8, 3742909.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742876.6, | 445.0, | 445.0, | 0.0); | (478261.3, 3742840.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742786.9, | 445.0, | 445.0, | 0.0); | (478283.8, 3742805.2, | 445.0, | 445.0, | 0.0); |
| (478282.9, 3742738.0, | 444.6, | 444.6, | 0.0); | (478282.9, 3742694.0, | 444.6, | 444.6, | 0.0); |
| (478261.6, 3742700.2, | 445.0, | 445.0, | 0.0); | (478262.2, 3742621.5, | 444.3, | 444.3, | 0.0); |
| (478261.6, 3742441.8, | 445.0, | 445.0, | 0.0); | (478263.4, 3742373.7, | 445.0, | 445.0, | 0.0); |
| (478263.4, 3742349.8, | 445.0, | 445.0, | 0.0); | (480290.2, 3743075.3, | 438.0, | 438.0, | 0.0); |
| (480292.2, 3743224.7, | 438.0, | 438.0, | 0.0); | (479926.0, 3743352.6, | 439.0, | 439.0, | 0.0); |
| (479732.3, 3743330.2, | 440.0, | 440.0, | 0.0); | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 38

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR XR (METERS) | LOCATION -- YR (METERS) | DISTANCE (METERS) |
|--------------|----------------------------|----------------------------|----------------------|
| L0002300 | 478849.1 | 3743364.3 | 0.51 |
| L0002306 | 478799.1 | 3743364.3 | -0.44 |
| L0002312 | 478749.1 | 3743364.3 | -1.13 |
| L0002317 | 478699.1 | 3743364.3 | 0.46 |
| L0002318 | 478699.1 | 3743364.3 | -1.47 |
| L0002323 | 478649.1 | 3743364.3 | -1.08 |
| L0002324 | 478649.1 | 3743364.3 | -1.40 |
| L0002329 | 478599.1 | 3743364.3 | -2.55 |
| L0002330 | 478599.1 | 3743364.3 | -0.95 |
| L0002335 | 478549.1 | 3743364.3 | -3.84 |
| L0002336 | 478549.1 | 3743364.3 | -0.17 |
| L0002340 | 478499.1 | 3743364.3 | 0.73 |
| L0002341 | 478499.1 | 3743364.3 | -4.79 |
| L0002342 | 478499.1 | 3743364.3 | 0.86 |
| L0002346 | 478449.1 | 3743364.3 | -0.97 |
| L0002347 | 478449.1 | 3743364.3 | -5.12 |
| L0002352 | 478399.1 | 3743364.3 | -2.68 |
| L0002353 | 478399.1 | 3743364.3 | -4.66 |
| L0002358 | 478349.1 | 3743364.3 | -4.38 |
| L0002359 | 478349.1 | 3743364.3 | -3.62 |
| L0002364 | 478299.1 | 3743364.3 | -6.09 |
| L0002365 | 478299.1 | 3743364.3 | -2.28 |
| L0002475 | 478149.1 | 3742564.3 | 0.86 |
| L0002481 | 478099.1 | 3742564.3 | -0.29 |
| L0002486 | 478049.1 | 3742564.3 | -0.26 |
| L0002487 | 478049.1 | 3742564.3 | -1.04 |
| L0002492 | 477999.1 | 3742564.3 | -2.30 |
| L0002493 | 477999.1 | 3742564.3 | -1.24 |
| L0002498 | 477949.1 | 3742564.3 | -4.29 |
| L0002499 | 477949.1 | 3742564.3 | -0.86 |
| L0002503 | 477899.1 | 3742564.3 | 0.66 |
| L0002504 | 477899.1 | 3742564.3 | -6.10 |
| L0002505 | 477899.1 | 3742564.3 | 0.02 |
| L0002509 | 477849.1 | 3742564.3 | -1.15 |
| L0002510 | 477849.1 | 3742564.3 | -6.96 |
| L0002515 | 477799.1 | 3742564.3 | -2.79 |
| L0002516 | 477799.1 | 3742564.3 | -5.80 |
| L0002521 | 477749.1 | 3742564.3 | -4.02 |
| L0002522 | 477749.1 | 3742564.3 | -3.94 |
| L0002527 | 477699.1 | 3742564.3 | -4.50 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR LOCATION -- | | DISTANCE (METERS) |
|--------------|-------------------------|-------------|----------------------|
| | XR (METERS) | YR (METERS) | |
| L0002528 | 479899.1 | 3743014.3 | -5.19 |
| L0002533 | 479949.1 | 3743014.3 | -2.86 |
| L0002534 | 479949.1 | 3743014.3 | -4.36 |
| L0002539 | 479999.1 | 3743014.3 | -4.38 |
| L0002540 | 479999.1 | 3743014.3 | -3.18 |
| L0002545 | 480049.1 | 3743014.3 | -5.83 |
| L0002546 | 480049.1 | 3743014.3 | -1.84 |
| L0002585 | 480049.1 | 3743064.3 | 0.96 |
| L0002589 | 480049.1 | 3743114.3 | -0.71 |
| L0002590 | 480049.1 | 3743114.3 | -4.13 |
| L0002595 | 480049.1 | 3743164.3 | -1.63 |
| L0002596 | 480049.1 | 3743164.3 | -2.86 |
| L0002601 | 480049.1 | 3743214.3 | -2.25 |
| L0002602 | 480049.1 | 3743214.3 | -1.45 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 *** PAGE 41

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: PERI_v9.SFC
 Profile file: PERI_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171
 Name: UNKNOWN
 Year: 2010

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2010

Met Version: 16216

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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 1.00 | 0.40 | 3. | 9.1 | 277.0 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 07 | -8.0 | 0.125 | -9.000 | -9.000 | -999. | 106. | 21.0 | 0.19 | 0.61 | 1.00 | 1.30 | 99. | 9.1 | 277.0 | 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 | | | |
| 10 | 01 | 01 | 1 | 09 | 20.1 | 0.128 | 0.307 | 0.010 | 49. | 110. | -9.0 | 0.19 | 0.61 | 0.33 | 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 | | | |
| 10 | 01 | 01 | 1 | 12 | 97.1 | 0.281 | 1.058 | 0.008 | 421. | 357. | -19.7 | 0.19 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 0.36 | 1.80 | 11. | 9.1 | 292.5 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 17 | -3.6 | 0.087 | -9.000 | -9.000 | -999. | 71. | 15.6 | 0.19 | 0.61 | 0.64 | 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 | 0.61 | 1.00 | 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 | 1.00 | 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 | 1.00 | 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 | | | |
| 10 | 01 | 01 | 1 | 22 | -3.8 | 0.088 | -9.000 | -9.000 | -999. | 62. | 15.1 | 0.19 | 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 | 1.00 | 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)

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00018 |
| 3742164.29 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00017 |
| 3742114.29 | 0.00008 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 |
| 3742064.29 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 |
| 3742014.29 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 |
| 3741964.29 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00020 | 0.00021 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00024 |
| 3742164.29 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 |
| 3742114.29 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 |
| 3742064.29 | 0.00014 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 |
| 3742014.29 | 0.00013 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 |
| 3741964.29 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00016 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00024 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | 0.00021 | 0.00021 | 0.00020 | 0.00020 |
| 3742164.29 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00019 | 0.00019 |
| 3742114.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00019 | 0.00019 | 0.00018 | 0.00018 |
| 3742064.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 |
| 3742014.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3741964.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00021 |
| 3742164.29 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00020 |
| 3742114.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 |
| 3742064.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 |
| 3742014.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3741964.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00025 |
| 3742164.29 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 |
| 3742114.29 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00022 |
| 3742064.29 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00021 |
| 3742014.29 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3741964.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 |
| 3742164.29 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00026 | 0.00027 |
| 3742114.29 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 |
| 3742064.29 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 |
| 3742014.29 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00022 |
| 3741964.29 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00029 | 0.00029 | 0.00029 | 0.00029 | 0.00029 | 0.00028 | 0.00028 | 0.00027 | 0.00026 |
| 3742164.29 | 0.00027 | 0.00027 | 0.00027 | 0.00027 | 0.00027 | 0.00026 | 0.00026 | 0.00025 | 0.00024 |
| 3742114.29 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00024 | 0.00024 | 0.00023 | 0.00023 |
| 3742064.29 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00022 |
| 3742014.29 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00020 |
| 3741964.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00019 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00025 | 0.00024 | 0.00023 | 0.00022 | 0.00021 | 0.00019 | 0.00018 | 0.00017 | 0.00016 |
| 3742164.29 | 0.00024 | 0.00023 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 |
| 3742114.29 | 0.00022 | 0.00021 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00016 |
| 3742064.29 | 0.00021 | 0.00020 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00015 |
| 3742014.29 | 0.00020 | 0.00019 | 0.00019 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00015 | 0.00015 |
| 3741964.29 | 0.00019 | 0.00018 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00015 | 0.00015 | 0.00014 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
 *** 12:36:14
 PAGE 51

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

** CONC OF DPM IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | NETWORK GRID-ID |
|----------|-----------------------|---|---------|-----------------|
| ALL | 1ST HIGHEST VALUE IS | 0.04728 AT (480049.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 2ND HIGHEST VALUE IS | 0.04674 AT (480049.08, 3743114.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 3RD HIGHEST VALUE IS | 0.04342 AT (480049.08, 3743214.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 4TH HIGHEST VALUE IS | 0.02952 AT (480049.08, 3743264.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 5TH HIGHEST VALUE IS | 0.02937 AT (480088.70, 3743172.03, 439.00, 439.00, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 0.02808 AT (480088.70, 3743120.51, 439.00, 439.00, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.02755 AT (480088.70, 3743211.58, 439.00, 439.00, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 0.02413 AT (480049.08, 3743064.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 9TH HIGHEST VALUE IS | 0.02148 AT (480099.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 10TH HIGHEST VALUE IS | 0.02067 AT (480089.36, 3743069.92, 439.00, 439.00, 0.00) | DC | |

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2

*** 07/27/20
*** 12:36:14
*** PAGE 52

*** 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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 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. 9.8.0
** Lakes Environmental Software Inc.
** Date: 7/28/2020
** File: C:\Users\eliza\Desktop\FIR Redlands\Project AB3\Project AB3.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE First Industrial Warehouse at Rider and Redlands
  TITLETWO Project Only DPM Concentrations (2022) AB3
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "Project AB3.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 Redlands Ave b/n South Project Driveway and Rider St
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.235E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479888.795, 3743008.989, 439.00, 3.49, 4.00
** 479889.111, 3743340.543, 439.08, 3.49, 4.00
** -----
  LOCATION L0002142      VOLUME  479888.799 3743013.284 439.00

```

| LOCATION | VOLUME | 479888.807 | 3743021.874 | 439.00 |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002143 | VOLUME | 479888.807 | 3743021.874 | 439.00 |
| LOCATION L0002144 | VOLUME | 479888.816 | 3743030.464 | 439.00 |
| LOCATION L0002145 | VOLUME | 479888.824 | 3743039.054 | 439.00 |
| LOCATION L0002146 | VOLUME | 479888.832 | 3743047.644 | 439.00 |
| LOCATION L0002147 | VOLUME | 479888.840 | 3743056.234 | 439.00 |
| LOCATION L0002148 | VOLUME | 479888.848 | 3743064.824 | 439.00 |
| LOCATION L0002149 | VOLUME | 479888.857 | 3743073.414 | 439.00 |
| LOCATION L0002150 | VOLUME | 479888.865 | 3743082.004 | 439.00 |
| LOCATION L0002151 | VOLUME | 479888.873 | 3743090.594 | 439.00 |
| LOCATION L0002152 | VOLUME | 479888.881 | 3743099.184 | 439.00 |
| LOCATION L0002153 | VOLUME | 479888.889 | 3743107.774 | 439.00 |
| LOCATION L0002154 | VOLUME | 479888.898 | 3743116.364 | 439.00 |
| LOCATION L0002155 | VOLUME | 479888.906 | 3743124.954 | 439.01 |
| LOCATION L0002156 | VOLUME | 479888.914 | 3743133.544 | 439.02 |
| LOCATION L0002157 | VOLUME | 479888.922 | 3743142.134 | 439.03 |
| LOCATION L0002158 | VOLUME | 479888.930 | 3743150.724 | 439.03 |
| LOCATION L0002159 | VOLUME | 479888.939 | 3743159.314 | 439.03 |
| LOCATION L0002160 | VOLUME | 479888.947 | 3743167.904 | 439.03 |
| LOCATION L0002161 | VOLUME | 479888.955 | 3743176.494 | 439.03 |
| LOCATION L0002162 | VOLUME | 479888.963 | 3743185.084 | 439.03 |
| LOCATION L0002163 | VOLUME | 479888.971 | 3743193.674 | 439.03 |
| LOCATION L0002164 | VOLUME | 479888.980 | 3743202.264 | 439.03 |
| LOCATION L0002165 | VOLUME | 479888.988 | 3743210.854 | 439.03 |
| LOCATION L0002166 | VOLUME | 479888.996 | 3743219.444 | 439.03 |
| LOCATION L0002167 | VOLUME | 479889.004 | 3743228.034 | 439.03 |
| LOCATION L0002168 | VOLUME | 479889.012 | 3743236.624 | 439.03 |
| LOCATION L0002169 | VOLUME | 479889.020 | 3743245.214 | 439.03 |
| LOCATION L0002170 | VOLUME | 479889.029 | 3743253.804 | 439.03 |
| LOCATION L0002171 | VOLUME | 479889.037 | 3743262.394 | 439.03 |
| LOCATION L0002172 | VOLUME | 479889.045 | 3743270.984 | 439.03 |
| LOCATION L0002173 | VOLUME | 479889.053 | 3743279.574 | 439.03 |
| LOCATION L0002174 | VOLUME | 479889.061 | 3743288.164 | 439.03 |
| LOCATION L0002175 | VOLUME | 479889.070 | 3743296.754 | 439.03 |
| LOCATION L0002176 | VOLUME | 479889.078 | 3743305.344 | 439.03 |
| LOCATION L0002177 | VOLUME | 479889.086 | 3743313.934 | 439.03 |
| LOCATION L0002178 | VOLUME | 479889.094 | 3743322.524 | 439.03 |
| LOCATION L0002179 | VOLUME | 479889.102 | 3743331.114 | 439.03 |
| LOCATION L0002180 | VOLUME | 479889.111 | 3743339.704 | 439.03 |

```

** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Rider St b/n Redlands Ave and Indian Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001951
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479877.508, 3743340.588, 439.62, 3.49, 4.00

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** 478273.056, 3743363.748, 447.00, 3.49, 4.00

**

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002181 | VOLUME | 479873.213 | 3743340.650 | 439.56 |
| LOCATION | L0002182 | VOLUME | 479864.624 | 3743340.774 | 439.84 |
| LOCATION | L0002183 | VOLUME | 479856.035 | 3743340.898 | 440.00 |
| LOCATION | L0002184 | VOLUME | 479847.446 | 3743341.022 | 440.00 |
| LOCATION | L0002185 | VOLUME | 479838.857 | 3743341.146 | 440.00 |
| LOCATION | L0002186 | VOLUME | 479830.267 | 3743341.270 | 440.00 |
| LOCATION | L0002187 | VOLUME | 479821.678 | 3743341.394 | 440.00 |
| LOCATION | L0002188 | VOLUME | 479813.089 | 3743341.518 | 440.00 |
| LOCATION | L0002189 | VOLUME | 479804.500 | 3743341.642 | 440.00 |
| LOCATION | L0002190 | VOLUME | 479795.911 | 3743341.766 | 440.00 |
| LOCATION | L0002191 | VOLUME | 479787.322 | 3743341.890 | 440.00 |
| LOCATION | L0002192 | VOLUME | 479778.733 | 3743342.014 | 440.00 |
| LOCATION | L0002193 | VOLUME | 479770.144 | 3743342.138 | 440.00 |
| LOCATION | L0002194 | VOLUME | 479761.555 | 3743342.262 | 440.00 |
| LOCATION | L0002195 | VOLUME | 479752.965 | 3743342.386 | 440.00 |
| LOCATION | L0002196 | VOLUME | 479744.376 | 3743342.510 | 440.00 |
| LOCATION | L0002197 | VOLUME | 479735.787 | 3743342.634 | 440.00 |
| LOCATION | L0002198 | VOLUME | 479727.198 | 3743342.758 | 440.00 |
| LOCATION | L0002199 | VOLUME | 479718.609 | 3743342.882 | 440.00 |
| LOCATION | L0002200 | VOLUME | 479710.020 | 3743343.006 | 440.00 |
| LOCATION | L0002201 | VOLUME | 479701.431 | 3743343.130 | 440.00 |
| LOCATION | L0002202 | VOLUME | 479692.842 | 3743343.254 | 440.00 |
| LOCATION | L0002203 | VOLUME | 479684.253 | 3743343.378 | 440.00 |
| LOCATION | L0002204 | VOLUME | 479675.664 | 3743343.502 | 440.00 |
| LOCATION | L0002205 | VOLUME | 479667.074 | 3743343.626 | 440.00 |
| LOCATION | L0002206 | VOLUME | 479658.485 | 3743343.750 | 440.00 |
| LOCATION | L0002207 | VOLUME | 479649.896 | 3743343.874 | 440.00 |
| LOCATION | L0002208 | VOLUME | 479641.307 | 3743343.998 | 440.00 |
| LOCATION | L0002209 | VOLUME | 479632.718 | 3743344.122 | 440.00 |
| LOCATION | L0002210 | VOLUME | 479624.129 | 3743344.246 | 440.00 |
| LOCATION | L0002211 | VOLUME | 479615.540 | 3743344.370 | 440.00 |
| LOCATION | L0002212 | VOLUME | 479606.951 | 3743344.494 | 440.00 |
| LOCATION | L0002213 | VOLUME | 479598.362 | 3743344.618 | 440.00 |
| LOCATION | L0002214 | VOLUME | 479589.772 | 3743344.742 | 440.01 |
| LOCATION | L0002215 | VOLUME | 479581.183 | 3743344.866 | 440.29 |
| LOCATION | L0002216 | VOLUME | 479572.594 | 3743344.990 | 440.58 |
| LOCATION | L0002217 | VOLUME | 479564.005 | 3743345.114 | 440.86 |
| LOCATION | L0002218 | VOLUME | 479555.416 | 3743345.238 | 441.00 |
| LOCATION | L0002219 | VOLUME | 479546.827 | 3743345.362 | 441.00 |
| LOCATION | L0002220 | VOLUME | 479538.238 | 3743345.486 | 441.00 |
| LOCATION | L0002221 | VOLUME | 479529.649 | 3743345.609 | 441.00 |
| LOCATION | L0002222 | VOLUME | 479521.060 | 3743345.733 | 441.00 |
| LOCATION | L0002223 | VOLUME | 479512.471 | 3743345.857 | 441.00 |
| LOCATION | L0002224 | VOLUME | 479503.881 | 3743345.981 | 441.00 |
| LOCATION | L0002225 | VOLUME | 479495.292 | 3743346.105 | 441.00 |
| LOCATION | L0002226 | VOLUME | 479486.703 | 3743346.229 | 441.00 |
| LOCATION | L0002227 | VOLUME | 479478.114 | 3743346.353 | 441.00 |
| LOCATION | L0002228 | VOLUME | 479469.525 | 3743346.477 | 441.00 |
| LOCATION | L0002229 | VOLUME | 479460.936 | 3743346.601 | 441.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002230 | VOLUME | 479452.347 | 3743346.725 | 441.00 |
| LOCATION | L0002231 | VOLUME | 479443.758 | 3743346.849 | 441.00 |
| LOCATION | L0002232 | VOLUME | 479435.169 | 3743346.973 | 441.00 |
| LOCATION | L0002233 | VOLUME | 479426.579 | 3743347.097 | 441.00 |
| LOCATION | L0002234 | VOLUME | 479417.990 | 3743347.221 | 441.00 |
| LOCATION | L0002235 | VOLUME | 479409.401 | 3743347.345 | 441.00 |
| LOCATION | L0002236 | VOLUME | 479400.812 | 3743347.469 | 441.00 |
| LOCATION | L0002237 | VOLUME | 479392.223 | 3743347.593 | 441.00 |
| LOCATION | L0002238 | VOLUME | 479383.634 | 3743347.717 | 441.00 |
| LOCATION | L0002239 | VOLUME | 479375.045 | 3743347.841 | 441.00 |
| LOCATION | L0002240 | VOLUME | 479366.456 | 3743347.965 | 441.00 |
| LOCATION | L0002241 | VOLUME | 479357.867 | 3743348.089 | 441.00 |
| LOCATION | L0002242 | VOLUME | 479349.278 | 3743348.213 | 441.00 |
| LOCATION | L0002243 | VOLUME | 479340.688 | 3743348.337 | 441.00 |
| LOCATION | L0002244 | VOLUME | 479332.099 | 3743348.461 | 441.00 |
| LOCATION | L0002245 | VOLUME | 479323.510 | 3743348.585 | 441.00 |
| LOCATION | L0002246 | VOLUME | 479314.921 | 3743348.709 | 441.17 |
| LOCATION | L0002247 | VOLUME | 479306.332 | 3743348.833 | 441.45 |
| LOCATION | L0002248 | VOLUME | 479297.743 | 3743348.957 | 441.74 |
| LOCATION | L0002249 | VOLUME | 479289.154 | 3743349.081 | 442.00 |
| LOCATION | L0002250 | VOLUME | 479280.565 | 3743349.205 | 442.00 |
| LOCATION | L0002251 | VOLUME | 479271.976 | 3743349.329 | 442.00 |
| LOCATION | L0002252 | VOLUME | 479263.386 | 3743349.453 | 442.00 |
| LOCATION | L0002253 | VOLUME | 479254.797 | 3743349.577 | 442.00 |
| LOCATION | L0002254 | VOLUME | 479246.208 | 3743349.701 | 442.00 |
| LOCATION | L0002255 | VOLUME | 479237.619 | 3743349.825 | 442.00 |
| LOCATION | L0002256 | VOLUME | 479229.030 | 3743349.949 | 442.00 |
| LOCATION | L0002257 | VOLUME | 479220.441 | 3743350.073 | 442.00 |
| LOCATION | L0002258 | VOLUME | 479211.852 | 3743350.197 | 442.00 |
| LOCATION | L0002259 | VOLUME | 479203.263 | 3743350.321 | 442.00 |
| LOCATION | L0002260 | VOLUME | 479194.674 | 3743350.445 | 442.00 |
| LOCATION | L0002261 | VOLUME | 479186.085 | 3743350.569 | 442.00 |
| LOCATION | L0002262 | VOLUME | 479177.495 | 3743350.693 | 442.00 |
| LOCATION | L0002263 | VOLUME | 479168.906 | 3743350.817 | 442.00 |
| LOCATION | L0002264 | VOLUME | 479160.317 | 3743350.941 | 442.00 |
| LOCATION | L0002265 | VOLUME | 479151.728 | 3743351.065 | 442.00 |
| LOCATION | L0002266 | VOLUME | 479143.139 | 3743351.189 | 442.00 |
| LOCATION | L0002267 | VOLUME | 479134.550 | 3743351.313 | 442.00 |
| LOCATION | L0002268 | VOLUME | 479125.961 | 3743351.437 | 442.00 |
| LOCATION | L0002269 | VOLUME | 479117.372 | 3743351.561 | 442.00 |
| LOCATION | L0002270 | VOLUME | 479108.783 | 3743351.685 | 442.00 |
| LOCATION | L0002271 | VOLUME | 479100.193 | 3743351.809 | 442.00 |
| LOCATION | L0002272 | VOLUME | 479091.604 | 3743351.933 | 442.00 |
| LOCATION | L0002273 | VOLUME | 479083.015 | 3743352.057 | 442.00 |
| LOCATION | L0002274 | VOLUME | 479074.426 | 3743352.181 | 442.18 |
| LOCATION | L0002275 | VOLUME | 479065.837 | 3743352.305 | 442.47 |
| LOCATION | L0002276 | VOLUME | 479057.248 | 3743352.429 | 442.76 |
| LOCATION | L0002277 | VOLUME | 479048.659 | 3743352.552 | 443.00 |
| LOCATION | L0002278 | VOLUME | 479040.070 | 3743352.676 | 443.00 |
| LOCATION | L0002279 | VOLUME | 479031.481 | 3743352.800 | 443.00 |
| LOCATION | L0002280 | VOLUME | 479022.892 | 3743352.924 | 443.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002281 | VOLUME | 479014.302 | 3743353.048 | 443.00 |
| LOCATION | L0002282 | VOLUME | 479005.713 | 3743353.172 | 443.00 |
| LOCATION | L0002283 | VOLUME | 478997.124 | 3743353.296 | 443.00 |
| LOCATION | L0002284 | VOLUME | 478988.535 | 3743353.420 | 443.00 |
| LOCATION | L0002285 | VOLUME | 478979.946 | 3743353.544 | 443.00 |
| LOCATION | L0002286 | VOLUME | 478971.357 | 3743353.668 | 443.00 |
| LOCATION | L0002287 | VOLUME | 478962.768 | 3743353.792 | 443.00 |
| LOCATION | L0002288 | VOLUME | 478954.179 | 3743353.916 | 443.18 |
| LOCATION | L0002289 | VOLUME | 478945.590 | 3743354.040 | 443.44 |
| LOCATION | L0002290 | VOLUME | 478937.000 | 3743354.164 | 443.71 |
| LOCATION | L0002291 | VOLUME | 478928.411 | 3743354.288 | 443.94 |
| LOCATION | L0002292 | VOLUME | 478919.822 | 3743354.412 | 443.96 |
| LOCATION | L0002293 | VOLUME | 478911.233 | 3743354.536 | 443.98 |
| LOCATION | L0002294 | VOLUME | 478902.644 | 3743354.660 | 444.00 |
| LOCATION | L0002295 | VOLUME | 478894.055 | 3743354.784 | 444.00 |
| LOCATION | L0002296 | VOLUME | 478885.466 | 3743354.908 | 444.00 |
| LOCATION | L0002297 | VOLUME | 478876.877 | 3743355.032 | 444.00 |
| LOCATION | L0002298 | VOLUME | 478868.288 | 3743355.156 | 444.00 |
| LOCATION | L0002299 | VOLUME | 478859.699 | 3743355.280 | 444.00 |
| LOCATION | L0002300 | VOLUME | 478851.109 | 3743355.404 | 444.00 |
| LOCATION | L0002301 | VOLUME | 478842.520 | 3743355.528 | 444.00 |
| LOCATION | L0002302 | VOLUME | 478833.931 | 3743355.652 | 444.00 |
| LOCATION | L0002303 | VOLUME | 478825.342 | 3743355.776 | 444.00 |
| LOCATION | L0002304 | VOLUME | 478816.753 | 3743355.900 | 444.00 |
| LOCATION | L0002305 | VOLUME | 478808.164 | 3743356.024 | 444.00 |
| LOCATION | L0002306 | VOLUME | 478799.575 | 3743356.148 | 444.00 |
| LOCATION | L0002307 | VOLUME | 478790.986 | 3743356.272 | 444.00 |
| LOCATION | L0002308 | VOLUME | 478782.397 | 3743356.396 | 444.00 |
| LOCATION | L0002309 | VOLUME | 478773.807 | 3743356.520 | 444.20 |
| LOCATION | L0002310 | VOLUME | 478765.218 | 3743356.644 | 444.49 |
| LOCATION | L0002311 | VOLUME | 478756.629 | 3743356.768 | 444.78 |
| LOCATION | L0002312 | VOLUME | 478748.040 | 3743356.892 | 445.00 |
| LOCATION | L0002313 | VOLUME | 478739.451 | 3743357.016 | 445.00 |
| LOCATION | L0002314 | VOLUME | 478730.862 | 3743357.140 | 445.00 |
| LOCATION | L0002315 | VOLUME | 478722.273 | 3743357.264 | 445.00 |
| LOCATION | L0002316 | VOLUME | 478713.684 | 3743357.388 | 445.00 |
| LOCATION | L0002317 | VOLUME | 478705.095 | 3743357.512 | 445.00 |
| LOCATION | L0002318 | VOLUME | 478696.506 | 3743357.636 | 445.00 |
| LOCATION | L0002319 | VOLUME | 478687.916 | 3743357.760 | 445.00 |
| LOCATION | L0002320 | VOLUME | 478679.327 | 3743357.884 | 445.00 |
| LOCATION | L0002321 | VOLUME | 478670.738 | 3743358.008 | 445.00 |
| LOCATION | L0002322 | VOLUME | 478662.149 | 3743358.132 | 445.00 |
| LOCATION | L0002323 | VOLUME | 478653.560 | 3743358.256 | 445.00 |
| LOCATION | L0002324 | VOLUME | 478644.971 | 3743358.380 | 445.00 |
| LOCATION | L0002325 | VOLUME | 478636.382 | 3743358.504 | 445.00 |
| LOCATION | L0002326 | VOLUME | 478627.793 | 3743358.628 | 445.07 |
| LOCATION | L0002327 | VOLUME | 478619.204 | 3743358.752 | 445.36 |
| LOCATION | L0002328 | VOLUME | 478610.614 | 3743358.876 | 445.64 |
| LOCATION | L0002329 | VOLUME | 478602.025 | 3743359.000 | 445.93 |
| LOCATION | L0002330 | VOLUME | 478593.436 | 3743359.124 | 446.00 |
| LOCATION | L0002331 | VOLUME | 478584.847 | 3743359.248 | 446.00 |

| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0002332 | VOLUME | 478576.258 | 3743359.372 | 446.00 | |
| LOCATION L0002333 | VOLUME | 478567.669 | 3743359.495 | 446.00 | |
| LOCATION L0002334 | VOLUME | 478559.080 | 3743359.619 | 446.00 | |
| LOCATION L0002335 | VOLUME | 478550.491 | 3743359.743 | 446.00 | |
| LOCATION L0002336 | VOLUME | 478541.902 | 3743359.867 | 446.00 | |
| LOCATION L0002337 | VOLUME | 478533.313 | 3743359.991 | 446.00 | |
| LOCATION L0002338 | VOLUME | 478524.723 | 3743360.115 | 446.00 | |
| LOCATION L0002339 | VOLUME | 478516.134 | 3743360.239 | 446.00 | |
| LOCATION L0002340 | VOLUME | 478507.545 | 3743360.363 | 446.00 | |
| LOCATION L0002341 | VOLUME | 478498.956 | 3743360.487 | 446.00 | |
| LOCATION L0002342 | VOLUME | 478490.367 | 3743360.611 | 446.00 | |
| LOCATION L0002343 | VOLUME | 478481.778 | 3743360.735 | 446.00 | |
| LOCATION L0002344 | VOLUME | 478473.189 | 3743360.859 | 446.00 | |
| LOCATION L0002345 | VOLUME | 478464.600 | 3743360.983 | 446.00 | |
| LOCATION L0002346 | VOLUME | 478456.011 | 3743361.107 | 446.00 | |
| LOCATION L0002347 | VOLUME | 478447.421 | 3743361.231 | 446.00 | |
| LOCATION L0002348 | VOLUME | 478438.832 | 3743361.355 | 446.00 | |
| LOCATION L0002349 | VOLUME | 478430.243 | 3743361.479 | 446.00 | |
| LOCATION L0002350 | VOLUME | 478421.654 | 3743361.603 | 446.00 | |
| LOCATION L0002351 | VOLUME | 478413.065 | 3743361.727 | 446.00 | |
| LOCATION L0002352 | VOLUME | 478404.476 | 3743361.851 | 446.00 | |
| LOCATION L0002353 | VOLUME | 478395.887 | 3743361.975 | 446.00 | |
| LOCATION L0002354 | VOLUME | 478387.298 | 3743362.099 | 446.00 | |
| LOCATION L0002355 | VOLUME | 478378.709 | 3743362.223 | 446.00 | |
| LOCATION L0002356 | VOLUME | 478370.120 | 3743362.347 | 446.00 | |
| LOCATION L0002357 | VOLUME | 478361.530 | 3743362.471 | 446.00 | |
| LOCATION L0002358 | VOLUME | 478352.941 | 3743362.595 | 446.23 | |
| LOCATION L0002359 | VOLUME | 478344.352 | 3743362.719 | 446.52 | |
| LOCATION L0002360 | VOLUME | 478335.763 | 3743362.843 | 446.80 | |
| LOCATION L0002361 | VOLUME | 478327.174 | 3743362.967 | 447.00 | |
| LOCATION L0002362 | VOLUME | 478318.585 | 3743363.091 | 447.00 | |
| LOCATION L0002363 | VOLUME | 478309.996 | 3743363.215 | 447.00 | |
| LOCATION L0002364 | VOLUME | 478301.407 | 3743363.339 | 447.00 | |
| LOCATION L0002365 | VOLUME | 478292.818 | 3743363.463 | 447.00 | |
| LOCATION L0002366 | VOLUME | 478284.228 | 3743363.587 | 447.00 | |
| LOCATION L0002367 | VOLUME | 478275.639 | 3743363.711 | 447.00 | |

```

** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Indian Ave b/n Rider St and Placentia Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.047E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478273.764, 3743355.843, 447.00, 3.49, 4.00
** 478272.855, 3742555.023, 444.06, 3.49, 4.00
** -----

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| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002368 | VOLUME | 478273.759 | 3743351.548 | 447.00 |
| LOCATION | L0002369 | VOLUME | 478273.749 | 3743342.958 | 447.00 |
| LOCATION | L0002370 | VOLUME | 478273.739 | 3743334.368 | 447.00 |
| LOCATION | L0002371 | VOLUME | 478273.730 | 3743325.778 | 447.00 |
| LOCATION | L0002372 | VOLUME | 478273.720 | 3743317.188 | 447.00 |
| LOCATION | L0002373 | VOLUME | 478273.710 | 3743308.598 | 447.00 |
| LOCATION | L0002374 | VOLUME | 478273.700 | 3743300.008 | 447.00 |
| LOCATION | L0002375 | VOLUME | 478273.691 | 3743291.418 | 447.00 |
| LOCATION | L0002376 | VOLUME | 478273.681 | 3743282.828 | 447.00 |
| LOCATION | L0002377 | VOLUME | 478273.671 | 3743274.238 | 447.00 |
| LOCATION | L0002378 | VOLUME | 478273.661 | 3743265.648 | 447.00 |
| LOCATION | L0002379 | VOLUME | 478273.652 | 3743257.058 | 447.00 |
| LOCATION | L0002380 | VOLUME | 478273.642 | 3743248.468 | 447.00 |
| LOCATION | L0002381 | VOLUME | 478273.632 | 3743239.878 | 447.00 |
| LOCATION | L0002382 | VOLUME | 478273.622 | 3743231.288 | 446.98 |
| LOCATION | L0002383 | VOLUME | 478273.613 | 3743222.698 | 446.94 |
| LOCATION | L0002384 | VOLUME | 478273.603 | 3743214.108 | 446.91 |
| LOCATION | L0002385 | VOLUME | 478273.593 | 3743205.518 | 446.88 |
| LOCATION | L0002386 | VOLUME | 478273.583 | 3743196.928 | 446.88 |
| LOCATION | L0002387 | VOLUME | 478273.574 | 3743188.338 | 446.88 |
| LOCATION | L0002388 | VOLUME | 478273.564 | 3743179.748 | 446.88 |
| LOCATION | L0002389 | VOLUME | 478273.554 | 3743171.158 | 446.73 |
| LOCATION | L0002390 | VOLUME | 478273.544 | 3743162.568 | 446.48 |
| LOCATION | L0002391 | VOLUME | 478273.535 | 3743153.978 | 446.23 |
| LOCATION | L0002392 | VOLUME | 478273.525 | 3743145.388 | 446.00 |
| LOCATION | L0002393 | VOLUME | 478273.515 | 3743136.798 | 446.00 |
| LOCATION | L0002394 | VOLUME | 478273.505 | 3743128.208 | 446.00 |
| LOCATION | L0002395 | VOLUME | 478273.496 | 3743119.618 | 446.00 |
| LOCATION | L0002396 | VOLUME | 478273.486 | 3743111.028 | 446.00 |
| LOCATION | L0002397 | VOLUME | 478273.476 | 3743102.438 | 446.00 |
| LOCATION | L0002398 | VOLUME | 478273.466 | 3743093.848 | 446.00 |
| LOCATION | L0002399 | VOLUME | 478273.457 | 3743085.258 | 446.00 |
| LOCATION | L0002400 | VOLUME | 478273.447 | 3743076.668 | 446.00 |
| LOCATION | L0002401 | VOLUME | 478273.437 | 3743068.078 | 446.00 |
| LOCATION | L0002402 | VOLUME | 478273.427 | 3743059.488 | 446.00 |
| LOCATION | L0002403 | VOLUME | 478273.418 | 3743050.898 | 446.00 |
| LOCATION | L0002404 | VOLUME | 478273.408 | 3743042.308 | 446.00 |
| LOCATION | L0002405 | VOLUME | 478273.398 | 3743033.718 | 446.00 |
| LOCATION | L0002406 | VOLUME | 478273.388 | 3743025.128 | 446.00 |
| LOCATION | L0002407 | VOLUME | 478273.379 | 3743016.538 | 446.00 |
| LOCATION | L0002408 | VOLUME | 478273.369 | 3743007.948 | 446.00 |
| LOCATION | L0002409 | VOLUME | 478273.359 | 3742999.358 | 446.00 |
| LOCATION | L0002410 | VOLUME | 478273.349 | 3742990.768 | 445.82 |
| LOCATION | L0002411 | VOLUME | 478273.340 | 3742982.178 | 445.53 |
| LOCATION | L0002412 | VOLUME | 478273.330 | 3742973.588 | 445.25 |
| LOCATION | L0002413 | VOLUME | 478273.320 | 3742964.998 | 445.00 |
| LOCATION | L0002414 | VOLUME | 478273.310 | 3742956.408 | 445.00 |
| LOCATION | L0002415 | VOLUME | 478273.301 | 3742947.818 | 445.00 |
| LOCATION | L0002416 | VOLUME | 478273.291 | 3742939.228 | 445.00 |
| LOCATION | L0002417 | VOLUME | 478273.281 | 3742930.638 | 445.00 |
| LOCATION | L0002418 | VOLUME | 478273.271 | 3742922.048 | 445.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002419 | VOLUME | 478273.262 | 3742913.458 | 445.00 |
| LOCATION | L0002420 | VOLUME | 478273.252 | 3742904.868 | 445.00 |
| LOCATION | L0002421 | VOLUME | 478273.242 | 3742896.278 | 445.00 |
| LOCATION | L0002422 | VOLUME | 478273.232 | 3742887.688 | 445.00 |
| LOCATION | L0002423 | VOLUME | 478273.223 | 3742879.098 | 445.00 |
| LOCATION | L0002424 | VOLUME | 478273.213 | 3742870.508 | 445.00 |
| LOCATION | L0002425 | VOLUME | 478273.203 | 3742861.918 | 445.00 |
| LOCATION | L0002426 | VOLUME | 478273.193 | 3742853.328 | 445.00 |
| LOCATION | L0002427 | VOLUME | 478273.184 | 3742844.738 | 445.00 |
| LOCATION | L0002428 | VOLUME | 478273.174 | 3742836.148 | 445.00 |
| LOCATION | L0002429 | VOLUME | 478273.164 | 3742827.558 | 445.00 |
| LOCATION | L0002430 | VOLUME | 478273.154 | 3742818.968 | 445.00 |
| LOCATION | L0002431 | VOLUME | 478273.145 | 3742810.378 | 445.00 |
| LOCATION | L0002432 | VOLUME | 478273.135 | 3742801.788 | 445.00 |
| LOCATION | L0002433 | VOLUME | 478273.125 | 3742793.198 | 445.00 |
| LOCATION | L0002434 | VOLUME | 478273.115 | 3742784.608 | 444.99 |
| LOCATION | L0002435 | VOLUME | 478273.106 | 3742776.018 | 444.96 |
| LOCATION | L0002436 | VOLUME | 478273.096 | 3742767.428 | 444.93 |
| LOCATION | L0002437 | VOLUME | 478273.086 | 3742758.838 | 444.90 |
| LOCATION | L0002438 | VOLUME | 478273.076 | 3742750.248 | 444.89 |
| LOCATION | L0002439 | VOLUME | 478273.067 | 3742741.659 | 444.89 |
| LOCATION | L0002440 | VOLUME | 478273.057 | 3742733.069 | 444.89 |
| LOCATION | L0002441 | VOLUME | 478273.047 | 3742724.479 | 444.90 |
| LOCATION | L0002442 | VOLUME | 478273.038 | 3742715.889 | 444.90 |
| LOCATION | L0002443 | VOLUME | 478273.028 | 3742707.299 | 444.90 |
| LOCATION | L0002444 | VOLUME | 478273.018 | 3742698.709 | 444.90 |
| LOCATION | L0002445 | VOLUME | 478273.008 | 3742690.119 | 444.90 |
| LOCATION | L0002446 | VOLUME | 478272.999 | 3742681.529 | 444.90 |
| LOCATION | L0002447 | VOLUME | 478272.989 | 3742672.939 | 444.90 |
| LOCATION | L0002448 | VOLUME | 478272.979 | 3742664.349 | 444.84 |
| LOCATION | L0002449 | VOLUME | 478272.969 | 3742655.759 | 444.59 |
| LOCATION | L0002450 | VOLUME | 478272.960 | 3742647.169 | 444.33 |
| LOCATION | L0002451 | VOLUME | 478272.950 | 3742638.579 | 444.07 |
| LOCATION | L0002452 | VOLUME | 478272.940 | 3742629.989 | 444.00 |
| LOCATION | L0002453 | VOLUME | 478272.930 | 3742621.399 | 444.00 |
| LOCATION | L0002454 | VOLUME | 478272.921 | 3742612.809 | 444.00 |
| LOCATION | L0002455 | VOLUME | 478272.911 | 3742604.219 | 444.00 |
| LOCATION | L0002456 | VOLUME | 478272.901 | 3742595.629 | 444.00 |
| LOCATION | L0002457 | VOLUME | 478272.891 | 3742587.039 | 444.00 |
| LOCATION | L0002458 | VOLUME | 478272.882 | 3742578.449 | 444.00 |
| LOCATION | L0002459 | VOLUME | 478272.872 | 3742569.859 | 444.00 |
| LOCATION | L0002460 | VOLUME | 478272.862 | 3742561.269 | 444.00 |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Placentia Ave b/n Indian Ave and I-215 Ramps

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 6.469E-06

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** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478272.866, 3742551.384, 444.03, 3.49, 4.00
** 477700.489, 3742567.347, 450.94, 3.49, 4.00
** -----
LOCATION L0002461    VOLUME  478268.572 3742551.503 444.04
LOCATION L0002462    VOLUME  478259.986 3742551.743 444.33
LOCATION L0002463    VOLUME  478251.399 3742551.982 444.62
LOCATION L0002464    VOLUME  478242.812 3742552.222 444.90
LOCATION L0002465    VOLUME  478234.226 3742552.461 445.00
LOCATION L0002466    VOLUME  478225.639 3742552.701 445.00
LOCATION L0002467    VOLUME  478217.052 3742552.940 445.00
LOCATION L0002468    VOLUME  478208.466 3742553.180 445.00
LOCATION L0002469    VOLUME  478199.879 3742553.419 445.00
LOCATION L0002470    VOLUME  478191.292 3742553.659 445.00
LOCATION L0002471    VOLUME  478182.706 3742553.898 445.00
LOCATION L0002472    VOLUME  478174.119 3742554.138 445.00
LOCATION L0002473    VOLUME  478165.532 3742554.377 445.00
LOCATION L0002474    VOLUME  478156.946 3742554.617 445.00
LOCATION L0002475    VOLUME  478148.359 3742554.856 445.05
LOCATION L0002476    VOLUME  478139.772 3742555.096 445.34
LOCATION L0002477    VOLUME  478131.186 3742555.335 445.62
LOCATION L0002478    VOLUME  478122.599 3742555.575 445.91
LOCATION L0002479    VOLUME  478114.012 3742555.814 446.00
LOCATION L0002480    VOLUME  478105.426 3742556.054 446.00
LOCATION L0002481    VOLUME  478096.839 3742556.293 446.00
LOCATION L0002482    VOLUME  478088.252 3742556.532 446.00
LOCATION L0002483    VOLUME  478079.666 3742556.772 446.00
LOCATION L0002484    VOLUME  478071.079 3742557.011 446.00
LOCATION L0002485    VOLUME  478062.492 3742557.251 446.00
LOCATION L0002486    VOLUME  478053.906 3742557.490 446.20
LOCATION L0002487    VOLUME  478045.319 3742557.730 446.49
LOCATION L0002488    VOLUME  478036.732 3742557.969 446.77
LOCATION L0002489    VOLUME  478028.146 3742558.209 447.00
LOCATION L0002490    VOLUME  478019.559 3742558.448 447.00
LOCATION L0002491    VOLUME  478010.972 3742558.688 447.00
LOCATION L0002492    VOLUME  478002.386 3742558.927 447.00
LOCATION L0002493    VOLUME  477993.799 3742559.167 447.00
LOCATION L0002494    VOLUME  477985.212 3742559.406 447.00
LOCATION L0002495    VOLUME  477976.626 3742559.646 447.00
LOCATION L0002496    VOLUME  477968.039 3742559.885 447.06
LOCATION L0002497    VOLUME  477959.452 3742560.125 447.35
LOCATION L0002498    VOLUME  477950.866 3742560.364 447.63
LOCATION L0002499    VOLUME  477942.279 3742560.604 447.92
LOCATION L0002500    VOLUME  477933.693 3742560.843 448.00
LOCATION L0002501    VOLUME  477925.106 3742561.083 448.00
LOCATION L0002502    VOLUME  477916.519 3742561.322 448.00
LOCATION L0002503    VOLUME  477907.933 3742561.562 448.00
LOCATION L0002504    VOLUME  477899.346 3742561.801 448.00
LOCATION L0002505    VOLUME  477890.759 3742562.041 448.00

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| LOCATION | VOLUME | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002506 | VOLUME | 477882.173 | 3742562.280 | 448.00 |
| LOCATION L0002507 | VOLUME | 477873.586 | 3742562.520 | 448.10 |
| LOCATION L0002508 | VOLUME | 477864.999 | 3742562.759 | 448.22 |
| LOCATION L0002509 | VOLUME | 477856.413 | 3742562.999 | 448.34 |
| LOCATION L0002510 | VOLUME | 477847.826 | 3742563.238 | 448.47 |
| LOCATION L0002511 | VOLUME | 477839.239 | 3742563.478 | 448.63 |
| LOCATION L0002512 | VOLUME | 477830.653 | 3742563.717 | 448.79 |
| LOCATION L0002513 | VOLUME | 477822.066 | 3742563.956 | 448.96 |
| LOCATION L0002514 | VOLUME | 477813.479 | 3742564.196 | 449.09 |
| LOCATION L0002515 | VOLUME | 477804.893 | 3742564.435 | 449.20 |
| LOCATION L0002516 | VOLUME | 477796.306 | 3742564.675 | 449.30 |
| LOCATION L0002517 | VOLUME | 477787.719 | 3742564.914 | 449.42 |
| LOCATION L0002518 | VOLUME | 477779.133 | 3742565.154 | 449.59 |
| LOCATION L0002519 | VOLUME | 477770.546 | 3742565.393 | 449.77 |
| LOCATION L0002520 | VOLUME | 477761.959 | 3742565.633 | 449.96 |
| LOCATION L0002521 | VOLUME | 477753.373 | 3742565.872 | 450.00 |
| LOCATION L0002522 | VOLUME | 477744.786 | 3742566.112 | 450.00 |
| LOCATION L0002523 | VOLUME | 477736.199 | 3742566.351 | 450.00 |
| LOCATION L0002524 | VOLUME | 477727.613 | 3742566.591 | 450.08 |
| LOCATION L0002525 | VOLUME | 477719.026 | 3742566.830 | 450.36 |
| LOCATION L0002526 | VOLUME | 477710.439 | 3742567.070 | 450.65 |
| LOCATION L0002527 | VOLUME | 477701.853 | 3742567.309 | 450.93 |

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC On-site Drive Aisle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.000012

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 479896.687, 3743011.429, 439.00, 3.49, 4.00

** 480074.817, 3743012.641, 439.00, 3.49, 4.00

** 480078.452, 3743327.701, 439.00, 3.49, 4.00

** -----

| | | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002528 | VOLUME | 479900.982 | 3743011.459 | 439.00 |
| LOCATION L0002529 | VOLUME | 479909.571 | 3743011.517 | 439.00 |
| LOCATION L0002530 | VOLUME | 479918.161 | 3743011.575 | 439.00 |
| LOCATION L0002531 | VOLUME | 479926.751 | 3743011.634 | 439.00 |
| LOCATION L0002532 | VOLUME | 479935.341 | 3743011.692 | 439.00 |
| LOCATION L0002533 | VOLUME | 479943.931 | 3743011.751 | 439.00 |
| LOCATION L0002534 | VOLUME | 479952.520 | 3743011.809 | 439.00 |
| LOCATION L0002535 | VOLUME | 479961.110 | 3743011.868 | 439.00 |
| LOCATION L0002536 | VOLUME | 479969.700 | 3743011.926 | 439.00 |
| LOCATION L0002537 | VOLUME | 479978.290 | 3743011.984 | 439.00 |
| LOCATION L0002538 | VOLUME | 479986.880 | 3743012.043 | 439.00 |
| LOCATION L0002539 | VOLUME | 479995.469 | 3743012.101 | 439.00 |
| LOCATION L0002540 | VOLUME | 480004.059 | 3743012.160 | 439.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002541 | VOLUME | 480012.649 | 3743012.218 | 439.00 |
| LOCATION | L0002542 | VOLUME | 480021.239 | 3743012.277 | 439.00 |
| LOCATION | L0002543 | VOLUME | 480029.829 | 3743012.335 | 439.00 |
| LOCATION | L0002544 | VOLUME | 480038.418 | 3743012.394 | 439.00 |
| LOCATION | L0002545 | VOLUME | 480047.008 | 3743012.452 | 439.00 |
| LOCATION | L0002546 | VOLUME | 480055.598 | 3743012.510 | 439.00 |
| LOCATION | L0002547 | VOLUME | 480064.188 | 3743012.569 | 439.00 |
| LOCATION | L0002548 | VOLUME | 480072.778 | 3743012.627 | 439.00 |
| LOCATION | L0002549 | VOLUME | 480074.892 | 3743019.192 | 439.00 |
| LOCATION | L0002550 | VOLUME | 480074.991 | 3743027.781 | 439.00 |
| LOCATION | L0002551 | VOLUME | 480075.090 | 3743036.370 | 439.00 |
| LOCATION | L0002552 | VOLUME | 480075.190 | 3743044.960 | 439.00 |
| LOCATION | L0002553 | VOLUME | 480075.289 | 3743053.549 | 439.00 |
| LOCATION | L0002554 | VOLUME | 480075.388 | 3743062.139 | 439.00 |
| LOCATION | L0002555 | VOLUME | 480075.487 | 3743070.728 | 439.00 |
| LOCATION | L0002556 | VOLUME | 480075.586 | 3743079.318 | 439.00 |
| LOCATION | L0002557 | VOLUME | 480075.685 | 3743087.907 | 439.00 |
| LOCATION | L0002558 | VOLUME | 480075.784 | 3743096.496 | 439.00 |
| LOCATION | L0002559 | VOLUME | 480075.883 | 3743105.086 | 439.00 |
| LOCATION | L0002560 | VOLUME | 480075.982 | 3743113.675 | 439.00 |
| LOCATION | L0002561 | VOLUME | 480076.082 | 3743122.265 | 439.00 |
| LOCATION | L0002562 | VOLUME | 480076.181 | 3743130.854 | 439.00 |
| LOCATION | L0002563 | VOLUME | 480076.280 | 3743139.444 | 439.00 |
| LOCATION | L0002564 | VOLUME | 480076.379 | 3743148.033 | 439.00 |
| LOCATION | L0002565 | VOLUME | 480076.478 | 3743156.622 | 439.00 |
| LOCATION | L0002566 | VOLUME | 480076.577 | 3743165.212 | 439.00 |
| LOCATION | L0002567 | VOLUME | 480076.676 | 3743173.801 | 439.00 |
| LOCATION | L0002568 | VOLUME | 480076.775 | 3743182.391 | 439.00 |
| LOCATION | L0002569 | VOLUME | 480076.874 | 3743190.980 | 439.00 |
| LOCATION | L0002570 | VOLUME | 480076.974 | 3743199.570 | 439.00 |
| LOCATION | L0002571 | VOLUME | 480077.073 | 3743208.159 | 439.00 |
| LOCATION | L0002572 | VOLUME | 480077.172 | 3743216.748 | 439.00 |
| LOCATION | L0002573 | VOLUME | 480077.271 | 3743225.338 | 439.00 |
| LOCATION | L0002574 | VOLUME | 480077.370 | 3743233.927 | 439.00 |
| LOCATION | L0002575 | VOLUME | 480077.469 | 3743242.517 | 439.00 |
| LOCATION | L0002576 | VOLUME | 480077.568 | 3743251.106 | 439.00 |
| LOCATION | L0002577 | VOLUME | 480077.667 | 3743259.696 | 439.00 |
| LOCATION | L0002578 | VOLUME | 480077.766 | 3743268.285 | 439.00 |
| LOCATION | L0002579 | VOLUME | 480077.866 | 3743276.874 | 439.00 |
| LOCATION | L0002580 | VOLUME | 480077.965 | 3743285.464 | 439.00 |
| LOCATION | L0002581 | VOLUME | 480078.064 | 3743294.053 | 439.00 |
| LOCATION | L0002582 | VOLUME | 480078.163 | 3743302.643 | 439.00 |
| LOCATION | L0002583 | VOLUME | 480078.262 | 3743311.232 | 439.00 |
| LOCATION | L0002584 | VOLUME | 480078.361 | 3743319.822 | 439.00 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Loading Area

** PREFIX

** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00007544
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480052.657, 3743068.840, 439.00, 3.49, 4.00
** 480054.778, 3743260.316, 439.00, 3.49, 4.00
** -----
LOCATION L0002585      VOLUME  480052.705 3743073.135 439.00
LOCATION L0002586      VOLUME  480052.800 3743081.724 439.00
LOCATION L0002587      VOLUME  480052.895 3743090.314 439.00
LOCATION L0002588      VOLUME  480052.990 3743098.903 439.00
LOCATION L0002589      VOLUME  480053.085 3743107.493 439.00
LOCATION L0002590      VOLUME  480053.180 3743116.082 439.00
LOCATION L0002591      VOLUME  480053.275 3743124.672 439.00
LOCATION L0002592      VOLUME  480053.371 3743133.261 439.00
LOCATION L0002593      VOLUME  480053.466 3743141.851 439.00
LOCATION L0002594      VOLUME  480053.561 3743150.440 439.00
LOCATION L0002595      VOLUME  480053.656 3743159.030 439.00
LOCATION L0002596      VOLUME  480053.751 3743167.619 439.00
LOCATION L0002597      VOLUME  480053.846 3743176.209 439.00
LOCATION L0002598      VOLUME  480053.941 3743184.798 439.00
LOCATION L0002599      VOLUME  480054.037 3743193.388 439.00
LOCATION L0002600      VOLUME  480054.132 3743201.977 439.00
LOCATION L0002601      VOLUME  480054.227 3743210.567 439.00
LOCATION L0002602      VOLUME  480054.322 3743219.156 439.00
LOCATION L0002603      VOLUME  480054.417 3743227.745 439.00
LOCATION L0002604      VOLUME  480054.512 3743236.335 439.00
LOCATION L0002605      VOLUME  480054.607 3743244.924 439.00
LOCATION L0002606      VOLUME  480054.703 3743253.514 439.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
SRCPARAM L0002142    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002143    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002144    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002145    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002146    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002147    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002148    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002149    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002150    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002151    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002152    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002153    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002154    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002155    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002156    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002157    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002158    0.0000001342      3.49      4.00      3.25
SRCPARAM L0002159    0.0000001342      3.49      4.00      3.25

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| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002160 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002161 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002162 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002163 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002164 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002165 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002166 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002167 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002168 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002169 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002170 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002171 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002172 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002173 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002174 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002175 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002176 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002177 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002178 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002179 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002180 | 0.0000001342 | 3.49 | 4.00 | 3.25 |

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| | | | | | |
|----------|--------------------------------|--------------|------|------|------|
| ** | LINE VOLUME Source ID = SLINE2 | | | | |
| SRCPARAM | L0002181 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002182 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002183 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002184 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002185 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002186 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002187 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002188 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002189 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002190 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002191 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002192 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002193 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002194 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002195 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002196 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002197 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002198 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002199 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002200 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002201 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002202 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002203 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002204 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002205 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002206 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002207 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002208 | 0.0000001043 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002362 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002363 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002364 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002365 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002366 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002367 | 0.0000001043 | 3.49 | 4.00 | 3.25 |

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** LINE VOLUME Source ID = SLINE3

| | | | | | |
|----------|----------|---------------|------|------|------|
| SRCPARAM | L0002368 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002369 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002370 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002371 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002372 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002373 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002374 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002375 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002376 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002377 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002378 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002379 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002380 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002381 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002382 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002383 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002384 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002385 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002386 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002387 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002388 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002389 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002390 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002391 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002392 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002393 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002394 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002395 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002396 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002397 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002398 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002399 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002400 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002401 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002402 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002403 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002404 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002405 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002406 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002407 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002408 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002409 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002410 | 0.00000009728 | 3.49 | 4.00 | 3.25 |


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** LINE VOLUME Source ID = SLINE4
SRCPARAM L0002461 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002462 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002463 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002464 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002465 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002466 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002467 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002468 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002469 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002470 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002471 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002472 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002473 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002474 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002475 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002476 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002477 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002478 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002479 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002480 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002481 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002482 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002483 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002484 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002485 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002486 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002487 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002488 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002489 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002490 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002491 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002492 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002493 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002494 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002495 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002496 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002497 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002498 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002499 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002500 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002501 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002502 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002503 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002504 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002505 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002506 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002507 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002508 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002509 0.00000009655 3.49 4.00 3.25
SRCPARAM L0002510 0.00000009655 3.49 4.00 3.25

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| | | | | | |
|----------|----------|---------------|------|------|------|
| SRCPARAM | L0002511 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002512 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002513 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002514 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002515 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002516 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002517 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002518 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002519 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002520 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002521 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002522 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002523 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002524 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002525 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002526 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002527 | 0.00000009655 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINES

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002528 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002529 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002530 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002531 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002532 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002533 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002534 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002535 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002536 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002537 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002538 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002539 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002540 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002541 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002542 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002543 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002544 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002545 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002546 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002547 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002548 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002549 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002550 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002551 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002552 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002553 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002554 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002555 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002556 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002557 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002558 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002559 | 0.0000002105 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002560 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002561 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002562 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002563 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002564 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002565 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002566 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002567 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002568 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002569 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002570 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002571 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002572 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002573 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002574 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002575 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002576 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002577 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002578 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002579 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002580 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002581 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002582 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002583 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002584 | 0.0000002105 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE6

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0002585 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002586 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002587 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002588 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002589 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002590 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002591 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002592 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002593 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002594 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002595 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002596 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002597 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002598 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002599 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002600 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002601 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002602 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002603 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002604 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002605 | 0.000003429 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002606 | 0.000003429 | 3.49 | 4.00 | 3.25 |

**

URBANSRC ALL

```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Project AB3.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PERI_v9.SFC
  PROFFILE PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL "PROJECT AB3.AD\PE00GALL.PLT" 31
  SUMMFILE "Project AB3.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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 *** 10:56:05
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*** MODELOPTs: RegDEFAULT 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 465 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. 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: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 465 Source(s); 1 Source Group(s); and 2761 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 465 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 0 line(s)

**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 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 = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: Project AB3.err
**File for Summary of Results: Project AB3.sum

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 *** 10:56:05
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002342 | 0 | 0.10430E-06 | 478490.4 | 3743360.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002343 | 0 | 0.10430E-06 | 478481.8 | 3743360.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002344 | 0 | 0.10430E-06 | 478473.2 | 3743360.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002345 | 0 | 0.10430E-06 | 478464.6 | 3743361.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002346 | 0 | 0.10430E-06 | 478456.0 | 3743361.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002347 | 0 | 0.10430E-06 | 478447.4 | 3743361.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002348 | 0 | 0.10430E-06 | 478438.8 | 3743361.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002349 | 0 | 0.10430E-06 | 478430.2 | 3743361.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002350 | 0 | 0.10430E-06 | 478421.7 | 3743361.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002351 | 0 | 0.10430E-06 | 478413.1 | 3743361.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002352 | 0 | 0.10430E-06 | 478404.5 | 3743361.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002353 | 0 | 0.10430E-06 | 478395.9 | 3743362.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002354 | 0 | 0.10430E-06 | 478387.3 | 3743362.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002355 | 0 | 0.10430E-06 | 478378.7 | 3743362.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002356 | 0 | 0.10430E-06 | 478370.1 | 3743362.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002357 | 0 | 0.10430E-06 | 478361.5 | 3743362.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002358 | 0 | 0.10430E-06 | 478352.9 | 3743362.6 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002359 | 0 | 0.10430E-06 | 478344.4 | 3743362.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002360 | 0 | 0.10430E-06 | 478335.8 | 3743362.8 | 446.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002361 | 0 | 0.10430E-06 | 478327.2 | 3743363.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002362 | 0 | 0.10430E-06 | 478318.6 | 3743363.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002363 | 0 | 0.10430E-06 | 478310.0 | 3743363.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002364 | 0 | 0.10430E-06 | 478301.4 | 3743363.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002365 | 0 | 0.10430E-06 | 478292.8 | 3743363.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002366 | 0 | 0.10430E-06 | 478284.2 | 3743363.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002367 | 0 | 0.10430E-06 | 478275.6 | 3743363.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002368 | 0 | 0.97280E-07 | 478273.8 | 3743351.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002369 | 0 | 0.97280E-07 | 478273.7 | 3743343.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002370 | 0 | 0.97280E-07 | 478273.7 | 3743334.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002371 | 0 | 0.97280E-07 | 478273.7 | 3743325.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002372 | 0 | 0.97280E-07 | 478273.7 | 3743317.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002373 | 0 | 0.97280E-07 | 478273.7 | 3743308.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002374 | 0 | 0.97280E-07 | 478273.7 | 3743300.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002375 | 0 | 0.97280E-07 | 478273.7 | 3743291.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002376 | 0 | 0.97280E-07 | 478273.7 | 3743282.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002377 | 0 | 0.97280E-07 | 478273.7 | 3743274.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002378 | 0 | 0.97280E-07 | 478273.7 | 3743265.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002379 | 0 | 0.97280E-07 | 478273.7 | 3743257.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002380 | 0 | 0.97280E-07 | 478273.6 | 3743248.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002381 | 0 | 0.97280E-07 | 478273.6 | 3743239.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002382 | 0 | 0.97280E-07 | 478273.6 | 3743231.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002383 | 0 | 0.97280E-07 | 478273.6 | 3743222.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002384 | 0 | 0.97280E-07 | 478273.6 | 3743214.1 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002385 | 0 | 0.97280E-07 | 478273.6 | 3743205.5 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002386 | 0 | 0.97280E-07 | 478273.6 | 3743196.9 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002387 | 0 | 0.97280E-07 | 478273.6 | 3743188.3 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002388 | 0 | 0.97280E-07 | 478273.6 | 3743179.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002389 | 0 | 0.97280E-07 | 478273.6 | 3743171.2 | 446.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002390 | 0 | 0.97280E-07 | 478273.5 | 3743162.6 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002391 | 0 | 0.97280E-07 | 478273.5 | 3743154.0 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002392 | 0 | 0.97280E-07 | 478273.5 | 3743145.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002393 | 0 | 0.97280E-07 | 478273.5 | 3743136.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002394 | 0 | 0.97280E-07 | 478273.5 | 3743128.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002395 | 0 | 0.97280E-07 | 478273.5 | 3743119.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002396 | 0 | 0.97280E-07 | 478273.5 | 3743111.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002397 | 0 | 0.97280E-07 | 478273.5 | 3743102.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002398 | 0 | 0.97280E-07 | 478273.5 | 3743093.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002399 | 0 | 0.97280E-07 | 478273.5 | 3743085.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002400 | 0 | 0.97280E-07 | 478273.4 | 3743076.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002401 | 0 | 0.97280E-07 | 478273.4 | 3743068.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002402 | 0 | 0.97280E-07 | 478273.4 | 3743059.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002403 | 0 | 0.97280E-07 | 478273.4 | 3743050.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002404 | 0 | 0.97280E-07 | 478273.4 | 3743042.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002405 | 0 | 0.97280E-07 | 478273.4 | 3743033.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002406 | 0 | 0.97280E-07 | 478273.4 | 3743025.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002407 | 0 | 0.97280E-07 | 478273.4 | 3743016.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002408 | 0 | 0.97280E-07 | 478273.4 | 3743007.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002409 | 0 | 0.97280E-07 | 478273.4 | 3742999.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002410 | 0 | 0.97280E-07 | 478273.3 | 3742990.8 | 445.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002411 | 0 | 0.97280E-07 | 478273.3 | 3742982.2 | 445.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002412 | 0 | 0.97280E-07 | 478273.3 | 3742973.6 | 445.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002413 | 0 | 0.97280E-07 | 478273.3 | 3742965.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002414 | 0 | 0.97280E-07 | 478273.3 | 3742956.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002415 | 0 | 0.97280E-07 | 478273.3 | 3742947.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002416 | 0 | 0.97280E-07 | 478273.3 | 3742939.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002417 | 0 | 0.97280E-07 | 478273.3 | 3742930.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002418 | 0 | 0.97280E-07 | 478273.3 | 3742922.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002419 | 0 | 0.97280E-07 | 478273.3 | 3742913.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002420 | 0 | 0.97280E-07 | 478273.3 | 3742904.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002421 | 0 | 0.97280E-07 | 478273.2 | 3742896.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|--------------|--------------------------|------------------------------|---------------|---------------|---------------------------|-------------------------------|-------------------------|-------------------------|-----------------|------------------------------------|
| L0002422 | 0 | 0.97280E-07 | 478273.2 | 3742887.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002423 | 0 | 0.97280E-07 | 478273.2 | 3742879.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002424 | 0 | 0.97280E-07 | 478273.2 | 3742870.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002425 | 0 | 0.97280E-07 | 478273.2 | 3742861.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002426 | 0 | 0.97280E-07 | 478273.2 | 3742853.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002427 | 0 | 0.97280E-07 | 478273.2 | 3742844.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002428 | 0 | 0.97280E-07 | 478273.2 | 3742836.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002429 | 0 | 0.97280E-07 | 478273.2 | 3742827.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002430 | 0 | 0.97280E-07 | 478273.2 | 3742819.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002431 | 0 | 0.97280E-07 | 478273.1 | 3742810.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002432 | 0 | 0.97280E-07 | 478273.1 | 3742801.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002433 | 0 | 0.97280E-07 | 478273.1 | 3742793.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002434 | 0 | 0.97280E-07 | 478273.1 | 3742784.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002435 | 0 | 0.97280E-07 | 478273.1 | 3742776.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002436 | 0 | 0.97280E-07 | 478273.1 | 3742767.4 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002437 | 0 | 0.97280E-07 | 478273.1 | 3742758.8 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002438 | 0 | 0.97280E-07 | 478273.1 | 3742750.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002439 | 0 | 0.97280E-07 | 478273.1 | 3742741.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002440 | 0 | 0.97280E-07 | 478273.1 | 3742733.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002441 | 0 | 0.97280E-07 | 478273.0 | 3742724.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002442 | 0 | 0.97280E-07 | 478273.0 | 3742715.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002443 | 0 | 0.97280E-07 | 478273.0 | 3742707.3 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002444 | 0 | 0.97280E-07 | 478273.0 | 3742698.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002445 | 0 | 0.97280E-07 | 478273.0 | 3742690.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002446 | 0 | 0.97280E-07 | 478273.0 | 3742681.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002447 | 0 | 0.97280E-07 | 478273.0 | 3742672.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002448 | 0 | 0.97280E-07 | 478273.0 | 3742664.3 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002449 | 0 | 0.97280E-07 | 478273.0 | 3742655.8 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002450 | 0 | 0.97280E-07 | 478273.0 | 3742647.2 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002451 | 0 | 0.97280E-07 | 478273.0 | 3742638.6 | 444.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002452 | 0 | 0.97280E-07 | 478272.9 | 3742630.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002453 | 0 | 0.97280E-07 | 478272.9 | 3742621.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002454 | 0 | 0.97280E-07 | 478272.9 | 3742612.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002455 | 0 | 0.97280E-07 | 478272.9 | 3742604.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002456 | 0 | 0.97280E-07 | 478272.9 | 3742595.6 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002457 | 0 | 0.97280E-07 | 478272.9 | 3742587.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002458 | 0 | 0.97280E-07 | 478272.9 | 3742578.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002459 | 0 | 0.97280E-07 | 478272.9 | 3742569.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002460 | 0 | 0.97280E-07 | 478272.9 | 3742561.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002461 | 0 | 0.96550E-07 | 478268.6 | 3742551.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002462 | 0 | 0.96550E-07 | 478260.0 | 3742551.7 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002463 | 0 | 0.96550E-07 | 478251.4 | 3742552.0 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002464 | 0 | 0.96550E-07 | 478242.8 | 3742552.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002465 | 0 | 0.96550E-07 | 478234.2 | 3742552.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002466 | 0 | 0.96550E-07 | 478225.6 | 3742552.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002467 | 0 | 0.96550E-07 | 478217.1 | 3742552.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002468 | 0 | 0.96550E-07 | 478208.5 | 3742553.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002469 | 0 | 0.96550E-07 | 478199.9 | 3742553.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002470 | 0 | 0.96550E-07 | 478191.3 | 3742553.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002471 | 0 | 0.96550E-07 | 478182.7 | 3742553.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002472 | 0 | 0.96550E-07 | 478174.1 | 3742554.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002473 | 0 | 0.96550E-07 | 478165.5 | 3742554.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002474 | 0 | 0.96550E-07 | 478156.9 | 3742554.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002475 | 0 | 0.96550E-07 | 478148.4 | 3742554.9 | 445.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002476 | 0 | 0.96550E-07 | 478139.8 | 3742555.1 | 445.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002477 | 0 | 0.96550E-07 | 478131.2 | 3742555.3 | 445.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002478 | 0 | 0.96550E-07 | 478122.6 | 3742555.6 | 445.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002479 | 0 | 0.96550E-07 | 478114.0 | 3742555.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002480 | 0 | 0.96550E-07 | 478105.4 | 3742556.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002481 | 0 | 0.96550E-07 | 478096.8 | 3742556.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002482 | 0 | 0.96550E-07 | 478088.3 | 3742556.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002483 | 0 | 0.96550E-07 | 478079.7 | 3742556.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002484 | 0 | 0.96550E-07 | 478071.1 | 3742557.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002485 | 0 | 0.96550E-07 | 478062.5 | 3742557.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002486 | 0 | 0.96550E-07 | 478053.9 | 3742557.5 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002487 | 0 | 0.96550E-07 | 478045.3 | 3742557.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002488 | 0 | 0.96550E-07 | 478036.7 | 3742558.0 | 446.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002489 | 0 | 0.96550E-07 | 478028.1 | 3742558.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002490 | 0 | 0.96550E-07 | 478019.6 | 3742558.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002491 | 0 | 0.96550E-07 | 478011.0 | 3742558.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002492 | 0 | 0.96550E-07 | 478002.4 | 3742558.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002493 | 0 | 0.96550E-07 | 477993.8 | 3742559.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002494 | 0 | 0.96550E-07 | 477985.2 | 3742559.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002495 | 0 | 0.96550E-07 | 477976.6 | 3742559.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002496 | 0 | 0.96550E-07 | 477968.0 | 3742559.9 | 447.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002497 | 0 | 0.96550E-07 | 477959.5 | 3742560.1 | 447.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002498 | 0 | 0.96550E-07 | 477950.9 | 3742560.4 | 447.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002499 | 0 | 0.96550E-07 | 477942.3 | 3742560.6 | 447.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002500 | 0 | 0.96550E-07 | 477933.7 | 3742560.8 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002501 | 0 | 0.96550E-07 | 477925.1 | 3742561.1 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002502 | 0 | 0.96550E-07 | 477916.5 | 3742561.3 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002503 | 0 | 0.96550E-07 | 477907.9 | 3742561.6 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002504 | 0 | 0.96550E-07 | 477899.3 | 3742561.8 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002505 | 0 | 0.96550E-07 | 477890.8 | 3742562.0 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002506 | 0 | 0.96550E-07 | 477882.2 | 3742562.3 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002507 | 0 | 0.96550E-07 | 477873.6 | 3742562.5 | 448.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002508 | 0 | 0.96550E-07 | 477865.0 | 3742562.8 | 448.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002509 | 0 | 0.96550E-07 | 477856.4 | 3742563.0 | 448.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002510 | 0 | 0.96550E-07 | 477847.8 | 3742563.2 | 448.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002511 | 0 | 0.96550E-07 | 477839.2 | 3742563.5 | 448.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002512 | 0 | 0.96550E-07 | 477830.7 | 3742563.7 | 448.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002513 | 0 | 0.96550E-07 | 477822.1 | 3742564.0 | 449.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002514 | 0 | 0.96550E-07 | 477813.5 | 3742564.2 | 449.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002515 | 0 | 0.96550E-07 | 477804.9 | 3742564.4 | 449.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002516 | 0 | 0.96550E-07 | 477796.3 | 3742564.7 | 449.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002517 | 0 | 0.96550E-07 | 477787.7 | 3742564.9 | 449.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002518 | 0 | 0.96550E-07 | 477779.1 | 3742565.2 | 449.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002519 | 0 | 0.96550E-07 | 477770.5 | 3742565.4 | 449.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002520 | 0 | 0.96550E-07 | 477762.0 | 3742565.6 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002521 | 0 | 0.96550E-07 | 477753.4 | 3742565.9 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002522 | 0 | 0.96550E-07 | 477744.8 | 3742566.1 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002523 | 0 | 0.96550E-07 | 477736.2 | 3742566.4 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002524 | 0 | 0.96550E-07 | 477727.6 | 3742566.6 | 450.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002525 | 0 | 0.96550E-07 | 477719.0 | 3742566.8 | 450.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002526 | 0 | 0.96550E-07 | 477710.4 | 3742567.1 | 450.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002527 | 0 | 0.96550E-07 | 477701.9 | 3742567.3 | 450.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002528 | 0 | 0.21050E-06 | 479901.0 | 3743011.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002529 | 0 | 0.21050E-06 | 479909.6 | 3743011.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002530 | 0 | 0.21050E-06 | 479918.2 | 3743011.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002531 | 0 | 0.21050E-06 | 479926.8 | 3743011.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002532 | 0 | 0.21050E-06 | 479935.3 | 3743011.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002533 | 0 | 0.21050E-06 | 479943.9 | 3743011.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002534 | 0 | 0.21050E-06 | 479952.5 | 3743011.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002535 | 0 | 0.21050E-06 | 479961.1 | 3743011.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002536 | 0 | 0.21050E-06 | 479969.7 | 3743011.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002537 | 0 | 0.21050E-06 | 479978.3 | 3743012.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002538 | 0 | 0.21050E-06 | 479986.9 | 3743012.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002539 | 0 | 0.21050E-06 | 479995.5 | 3743012.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002540 | 0 | 0.21050E-06 | 480004.1 | 3743012.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002541 | 0 | 0.21050E-06 | 480012.6 | 3743012.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002542 | 0 | 0.21050E-06 | 480021.2 | 3743012.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002543 | 0 | 0.21050E-06 | 480029.8 | 3743012.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002544 | 0 | 0.21050E-06 | 480038.4 | 3743012.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002545 | 0 | 0.21050E-06 | 480047.0 | 3743012.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002546 | 0 | 0.21050E-06 | 480055.6 | 3743012.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002547 | 0 | 0.21050E-06 | 480064.2 | 3743012.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002548 | 0 | 0.21050E-06 | 480072.8 | 3743012.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002549 | 0 | 0.21050E-06 | 480074.9 | 3743019.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002550 | 0 | 0.21050E-06 | 480075.0 | 3743027.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002551 | 0 | 0.21050E-06 | 480075.1 | 3743036.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002552 | 0 | 0.21050E-06 | 480075.2 | 3743045.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002553 | 0 | 0.21050E-06 | 480075.3 | 3743053.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002554 | 0 | 0.21050E-06 | 480075.4 | 3743062.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002555 | 0 | 0.21050E-06 | 480075.5 | 3743070.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002556 | 0 | 0.21050E-06 | 480075.6 | 3743079.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002557 | 0 | 0.21050E-06 | 480075.7 | 3743087.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002558 | 0 | 0.21050E-06 | 480075.8 | 3743096.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002559 | 0 | 0.21050E-06 | 480075.9 | 3743105.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002560 | 0 | 0.21050E-06 | 480076.0 | 3743113.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002561 | 0 | 0.21050E-06 | 480076.1 | 3743122.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002562 | 0 | 0.21050E-06 | 480076.2 | 3743130.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002563 | 0 | 0.21050E-06 | 480076.3 | 3743139.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002564 | 0 | 0.21050E-06 | 480076.4 | 3743148.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002565 | 0 | 0.21050E-06 | 480076.5 | 3743156.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002566 | 0 | 0.21050E-06 | 480076.6 | 3743165.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002567 | 0 | 0.21050E-06 | 480076.7 | 3743173.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002568 | 0 | 0.21050E-06 | 480076.8 | 3743182.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002569 | 0 | 0.21050E-06 | 480076.9 | 3743191.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002570 | 0 | 0.21050E-06 | 480077.0 | 3743199.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002571 | 0 | 0.21050E-06 | 480077.1 | 3743208.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002572 | 0 | 0.21050E-06 | 480077.2 | 3743216.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002573 | 0 | 0.21050E-06 | 480077.3 | 3743225.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002574 | 0 | 0.21050E-06 | 480077.4 | 3743233.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002575 | 0 | 0.21050E-06 | 480077.5 | 3743242.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002576 | 0 | 0.21050E-06 | 480077.6 | 3743251.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002577 | 0 | 0.21050E-06 | 480077.7 | 3743259.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002578 | 0 | 0.21050E-06 | 480077.8 | 3743268.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002579 | 0 | 0.21050E-06 | 480077.9 | 3743276.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002580 | 0 | 0.21050E-06 | 480078.0 | 3743285.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002581 | 0 | 0.21050E-06 | 480078.1 | 3743294.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002582 | 0 | 0.21050E-06 | 480078.2 | 3743302.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002583 | 0 | 0.21050E-06 | 480078.3 | 3743311.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002584 | 0 | 0.21050E-06 | 480078.4 | 3743319.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002585 | 0 | 0.34290E-05 | 480052.7 | 3743073.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002586 | 0 | 0.34290E-05 | 480052.8 | 3743081.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002587 | 0 | 0.34290E-05 | 480052.9 | 3743090.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002588 | 0 | 0.34290E-05 | 480053.0 | 3743098.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002589 | 0 | 0.34290E-05 | 480053.1 | 3743107.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002590 | 0 | 0.34290E-05 | 480053.2 | 3743116.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002591 | 0 | 0.34290E-05 | 480053.3 | 3743124.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002592 | 0 | 0.34290E-05 | 480053.4 | 3743133.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002593 | 0 | 0.34290E-05 | 480053.5 | 3743141.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002594 | 0 | 0.34290E-05 | 480053.6 | 3743150.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002595 | 0 | 0.34290E-05 | 480053.7 | 3743159.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002596 | 0 | 0.34290E-05 | 480053.8 | 3743167.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002597 | 0 | 0.34290E-05 | 480053.8 | 3743176.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002598 | 0 | 0.34290E-05 | 480053.9 | 3743184.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002599 | 0 | 0.34290E-05 | 480054.0 | 3743193.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002600 | 0 | 0.34290E-05 | 480054.1 | 3743202.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002601 | 0 | 0.34290E-05 | 480054.2 | 3743210.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002602 | 0 | 0.34290E-05 | 480054.3 | 3743219.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002603 | 0 | 0.34290E-05 | 480054.4 | 3743227.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002604 | 0 | 0.34290E-05 | 480054.5 | 3743236.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002605 | 0 | 0.34290E-05 | 480054.6 | 3743244.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002606 | 0 | 0.34290E-05 | 480054.7 | 3743253.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|---|--|
| ----- | ----- | | | | | | | | | |
| ALL | L0002142 | , L0002143 | , L0002144 | , L0002145 | , L0002146 | , L0002147 | , L0002148 | , L0002149 | , | |
| | L0002150 | , L0002151 | , L0002152 | , L0002153 | , L0002154 | , L0002155 | , L0002156 | , L0002157 | , | |
| | L0002158 | , L0002159 | , L0002160 | , L0002161 | , L0002162 | , L0002163 | , L0002164 | , L0002165 | , | |
| | L0002166 | , L0002167 | , L0002168 | , L0002169 | , L0002170 | , L0002171 | , L0002172 | , L0002173 | , | |
| | L0002174 | , L0002175 | , L0002176 | , L0002177 | , L0002178 | , L0002179 | , L0002180 | , L0002181 | , | |
| | L0002182 | , L0002183 | , L0002184 | , L0002185 | , L0002186 | , L0002187 | , L0002188 | , L0002189 | , | |
| | L0002190 | , L0002191 | , L0002192 | , L0002193 | , L0002194 | , L0002195 | , L0002196 | , L0002197 | , | |
| | L0002198 | , L0002199 | , L0002200 | , L0002201 | , L0002202 | , L0002203 | , L0002204 | , L0002205 | , | |
| | L0002206 | , L0002207 | , L0002208 | , L0002209 | , L0002210 | , L0002211 | , L0002212 | , L0002213 | , | |
| | L0002214 | , L0002215 | , L0002216 | , L0002217 | , L0002218 | , L0002219 | , L0002220 | , L0002221 | , | |
| | L0002222 | , L0002223 | , L0002224 | , L0002225 | , L0002226 | , L0002227 | , L0002228 | , L0002229 | , | |
| | L0002230 | , L0002231 | , L0002232 | , L0002233 | , L0002234 | , L0002235 | , L0002236 | , L0002237 | , | |
| | L0002238 | , L0002239 | , L0002240 | , L0002241 | , L0002242 | , L0002243 | , L0002244 | , L0002245 | , | |
| | L0002246 | , L0002247 | , L0002248 | , L0002249 | , L0002250 | , L0002251 | , L0002252 | , L0002253 | , | |
| | L0002254 | , L0002255 | , L0002256 | , L0002257 | , L0002258 | , L0002259 | , L0002260 | , L0002261 | , | |
| | L0002262 | , L0002263 | , L0002264 | , L0002265 | , L0002266 | , L0002267 | , L0002268 | , L0002269 | , | |
| | L0002270 | , L0002271 | , L0002272 | , L0002273 | , L0002274 | , L0002275 | , L0002276 | , L0002277 | , | |
| | L0002278 | , L0002279 | , L0002280 | , L0002281 | , L0002282 | , L0002283 | , L0002284 | , L0002285 | , | |
| | L0002286 | , L0002287 | , L0002288 | , L0002289 | , L0002290 | , L0002291 | , L0002292 | , L0002293 | , | |
| | L0002294 | , L0002295 | , L0002296 | , L0002297 | , L0002298 | , L0002299 | , L0002300 | , L0002301 | , | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002302 | , | L0002303 | , | L0002304 | , | L0002305 | , | L0002306 | , | L0002307 | , | L0002308 | , | L0002309 | , |
| L0002310 | , | L0002311 | , | L0002312 | , | L0002313 | , | L0002314 | , | L0002315 | , | L0002316 | , | L0002317 | , |
| L0002318 | , | L0002319 | , | L0002320 | , | L0002321 | , | L0002322 | , | L0002323 | , | L0002324 | , | L0002325 | , |
| L0002326 | , | L0002327 | , | L0002328 | , | L0002329 | , | L0002330 | , | L0002331 | , | L0002332 | , | L0002333 | , |
| L0002334 | , | L0002335 | , | L0002336 | , | L0002337 | , | L0002338 | , | L0002339 | , | L0002340 | , | L0002341 | , |
| L0002342 | , | L0002343 | , | L0002344 | , | L0002345 | , | L0002346 | , | L0002347 | , | L0002348 | , | L0002349 | , |
| L0002350 | , | L0002351 | , | L0002352 | , | L0002353 | , | L0002354 | , | L0002355 | , | L0002356 | , | L0002357 | , |
| L0002358 | , | L0002359 | , | L0002360 | , | L0002361 | , | L0002362 | , | L0002363 | , | L0002364 | , | L0002365 | , |
| L0002366 | , | L0002367 | , | L0002368 | , | L0002369 | , | L0002370 | , | L0002371 | , | L0002372 | , | L0002373 | , |
| L0002374 | , | L0002375 | , | L0002376 | , | L0002377 | , | L0002378 | , | L0002379 | , | L0002380 | , | L0002381 | , |
| L0002382 | , | L0002383 | , | L0002384 | , | L0002385 | , | L0002386 | , | L0002387 | , | L0002388 | , | L0002389 | , |
| L0002390 | , | L0002391 | , | L0002392 | , | L0002393 | , | L0002394 | , | L0002395 | , | L0002396 | , | L0002397 | , |
| L0002398 | , | L0002399 | , | L0002400 | , | L0002401 | , | L0002402 | , | L0002403 | , | L0002404 | , | L0002405 | , |
| L0002406 | , | L0002407 | , | L0002408 | , | L0002409 | , | L0002410 | , | L0002411 | , | L0002412 | , | L0002413 | , |
| L0002414 | , | L0002415 | , | L0002416 | , | L0002417 | , | L0002418 | , | L0002419 | , | L0002420 | , | L0002421 | , |
| L0002422 | , | L0002423 | , | L0002424 | , | L0002425 | , | L0002426 | , | L0002427 | , | L0002428 | , | L0002429 | , |
| L0002430 | , | L0002431 | , | L0002432 | , | L0002433 | , | L0002434 | , | L0002435 | , | L0002436 | , | L0002437 | , |
| L0002438 | , | L0002439 | , | L0002440 | , | L0002441 | , | L0002442 | , | L0002443 | , | L0002444 | , | L0002445 | , |
| L0002446 | , | L0002447 | , | L0002448 | , | L0002449 | , | L0002450 | , | L0002451 | , | L0002452 | , | L0002453 | , |
| L0002454 | , | L0002455 | , | L0002456 | , | L0002457 | , | L0002458 | , | L0002459 | , | L0002460 | , | L0002461 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002462 | , | L0002463 | , | L0002464 | , | L0002465 | , | L0002466 | , | L0002467 | , | L0002468 | , | L0002469 | , |
| L0002470 | , | L0002471 | , | L0002472 | , | L0002473 | , | L0002474 | , | L0002475 | , | L0002476 | , | L0002477 | , |
| L0002478 | , | L0002479 | , | L0002480 | , | L0002481 | , | L0002482 | , | L0002483 | , | L0002484 | , | L0002485 | , |
| L0002486 | , | L0002487 | , | L0002488 | , | L0002489 | , | L0002490 | , | L0002491 | , | L0002492 | , | L0002493 | , |
| L0002494 | , | L0002495 | , | L0002496 | , | L0002497 | , | L0002498 | , | L0002499 | , | L0002500 | , | L0002501 | , |
| L0002502 | , | L0002503 | , | L0002504 | , | L0002505 | , | L0002506 | , | L0002507 | , | L0002508 | , | L0002509 | , |
| L0002510 | , | L0002511 | , | L0002512 | , | L0002513 | , | L0002514 | , | L0002515 | , | L0002516 | , | L0002517 | , |
| L0002518 | , | L0002519 | , | L0002520 | , | L0002521 | , | L0002522 | , | L0002523 | , | L0002524 | , | L0002525 | , |
| L0002526 | , | L0002527 | , | L0002528 | , | L0002529 | , | L0002530 | , | L0002531 | , | L0002532 | , | L0002533 | , |
| L0002534 | , | L0002535 | , | L0002536 | , | L0002537 | , | L0002538 | , | L0002539 | , | L0002540 | , | L0002541 | , |
| L0002542 | , | L0002543 | , | L0002544 | , | L0002545 | , | L0002546 | , | L0002547 | , | L0002548 | , | L0002549 | , |
| L0002550 | , | L0002551 | , | L0002552 | , | L0002553 | , | L0002554 | , | L0002555 | , | L0002556 | , | L0002557 | , |
| L0002558 | , | L0002559 | , | L0002560 | , | L0002561 | , | L0002562 | , | L0002563 | , | L0002564 | , | L0002565 | , |
| L0002566 | , | L0002567 | , | L0002568 | , | L0002569 | , | L0002570 | , | L0002571 | , | L0002572 | , | L0002573 | , |
| L0002574 | , | L0002575 | , | L0002576 | , | L0002577 | , | L0002578 | , | L0002579 | , | L0002580 | , | L0002581 | , |
| L0002582 | , | L0002583 | , | L0002584 | , | L0002585 | , | L0002586 | , | L0002587 | , | L0002588 | , | L0002589 | , |
| L0002590 | , | L0002591 | , | L0002592 | , | L0002593 | , | L0002594 | , | L0002595 | , | L0002596 | , | L0002597 | , |
| L0002598 | , | L0002599 | , | L0002600 | , | L0002601 | , | L0002602 | , | L0002603 | , | L0002604 | , | L0002605 | , |
| L0002606 | , | | | | | | | | | | | | | | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | |
| L0002149 | 2189641. | L0002142 | , L0002143 | , L0002144 | , L0002145 | , L0002146 | , L0002147 | , L0002148 | , | |
| | , | L0002150 | , L0002151 | , L0002152 | , L0002153 | , L0002154 | , L0002155 | , L0002156 | , L0002157 | , |
| | | L0002158 | , L0002159 | , L0002160 | , L0002161 | , L0002162 | , L0002163 | , L0002164 | , L0002165 | , |
| | | L0002166 | , L0002167 | , L0002168 | , L0002169 | , L0002170 | , L0002171 | , L0002172 | , L0002173 | , |
| | | L0002174 | , L0002175 | , L0002176 | , L0002177 | , L0002178 | , L0002179 | , L0002180 | , L0002181 | , |
| | | L0002182 | , L0002183 | , L0002184 | , L0002185 | , L0002186 | , L0002187 | , L0002188 | , L0002189 | , |
| | | L0002190 | , L0002191 | , L0002192 | , L0002193 | , L0002194 | , L0002195 | , L0002196 | , L0002197 | , |
| | | L0002198 | , L0002199 | , L0002200 | , L0002201 | , L0002202 | , L0002203 | , L0002204 | , L0002205 | , |
| | | L0002206 | , L0002207 | , L0002208 | , L0002209 | , L0002210 | , L0002211 | , L0002212 | , L0002213 | , |
| | | L0002214 | , L0002215 | , L0002216 | , L0002217 | , L0002218 | , L0002219 | , L0002220 | , L0002221 | , |
| | | L0002222 | , L0002223 | , L0002224 | , L0002225 | , L0002226 | , L0002227 | , L0002228 | , L0002229 | , |
| | | L0002230 | , L0002231 | , L0002232 | , L0002233 | , L0002234 | , L0002235 | , L0002236 | , L0002237 | , |
| | | L0002238 | , L0002239 | , L0002240 | , L0002241 | , L0002242 | , L0002243 | , L0002244 | , L0002245 | , |
| | | L0002246 | , L0002247 | , L0002248 | , L0002249 | , L0002250 | , L0002251 | , L0002252 | , L0002253 | , |
| | | L0002254 | , L0002255 | , L0002256 | , L0002257 | , L0002258 | , L0002259 | , L0002260 | , L0002261 | , |
| | | L0002262 | , L0002263 | , L0002264 | , L0002265 | , L0002266 | , L0002267 | , L0002268 | , L0002269 | , |
| | | L0002270 | , L0002271 | , L0002272 | , L0002273 | , L0002274 | , L0002275 | , L0002276 | , L0002277 | , |
| | | L0002278 | , L0002279 | , L0002280 | , L0002281 | , L0002282 | , L0002283 | , L0002284 | , L0002285 | , |
| | | L0002286 | , L0002287 | , L0002288 | , L0002289 | , L0002290 | , L0002291 | , L0002292 | , L0002293 | , |
| | | L0002294 | , L0002295 | , L0002296 | , L0002297 | , L0002298 | , L0002299 | , L0002300 | , L0002301 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0002302 | | , L0002303 | , L0002304 | , L0002305 | , L0002306 | , L0002307 | , L0002308 | , L0002309 | , |
| L0002310 | | , L0002311 | , L0002312 | , L0002313 | , L0002314 | , L0002315 | , L0002316 | , L0002317 | , |
| L0002318 | | , L0002319 | , L0002320 | , L0002321 | , L0002322 | , L0002323 | , L0002324 | , L0002325 | , |
| L0002326 | | , L0002327 | , L0002328 | , L0002329 | , L0002330 | , L0002331 | , L0002332 | , L0002333 | , |
| L0002334 | | , L0002335 | , L0002336 | , L0002337 | , L0002338 | , L0002339 | , L0002340 | , L0002341 | , |
| L0002342 | | , L0002343 | , L0002344 | , L0002345 | , L0002346 | , L0002347 | , L0002348 | , L0002349 | , |
| L0002350 | | , L0002351 | , L0002352 | , L0002353 | , L0002354 | , L0002355 | , L0002356 | , L0002357 | , |
| L0002358 | | , L0002359 | , L0002360 | , L0002361 | , L0002362 | , L0002363 | , L0002364 | , L0002365 | , |
| L0002366 | | , L0002367 | , L0002368 | , L0002369 | , L0002370 | , L0002371 | , L0002372 | , L0002373 | , |
| L0002374 | | , L0002375 | , L0002376 | , L0002377 | , L0002378 | , L0002379 | , L0002380 | , L0002381 | , |
| L0002382 | | , L0002383 | , L0002384 | , L0002385 | , L0002386 | , L0002387 | , L0002388 | , L0002389 | , |
| L0002390 | | , L0002391 | , L0002392 | , L0002393 | , L0002394 | , L0002395 | , L0002396 | , L0002397 | , |
| L0002398 | | , L0002399 | , L0002400 | , L0002401 | , L0002402 | , L0002403 | , L0002404 | , L0002405 | , |
| L0002406 | | , L0002407 | , L0002408 | , L0002409 | , L0002410 | , L0002411 | , L0002412 | , L0002413 | , |
| L0002414 | | , L0002415 | , L0002416 | , L0002417 | , L0002418 | , L0002419 | , L0002420 | , L0002421 | , |
| L0002422 | | , L0002423 | , L0002424 | , L0002425 | , L0002426 | , L0002427 | , L0002428 | , L0002429 | , |
| L0002430 | | , L0002431 | , L0002432 | , L0002433 | , L0002434 | , L0002435 | , L0002436 | , L0002437 | , |
| L0002438 | | , L0002439 | , L0002440 | , L0002441 | , L0002442 | , L0002443 | , L0002444 | , L0002445 | , |
| L0002446 | | , L0002447 | , L0002448 | , L0002449 | , L0002450 | , L0002451 | , L0002452 | , L0002453 | , |
| L0002454 | | , L0002455 | , L0002456 | , L0002457 | , L0002458 | , L0002459 | , L0002460 | , L0002461 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID ----- | URBAN POP ----- | SOURCE IDs ----- | | | | | | | |
|-------------------|--------------------|---------------------|------------|------------|------------|------------|------------|------------|---|
| L0002462 | | , L0002463 | , L0002464 | , L0002465 | , L0002466 | , L0002467 | , L0002468 | , L0002469 | , |
| L0002470 | | , L0002471 | , L0002472 | , L0002473 | , L0002474 | , L0002475 | , L0002476 | , L0002477 | , |
| L0002478 | | , L0002479 | , L0002480 | , L0002481 | , L0002482 | , L0002483 | , L0002484 | , L0002485 | , |
| L0002486 | | , L0002487 | , L0002488 | , L0002489 | , L0002490 | , L0002491 | , L0002492 | , L0002493 | , |
| L0002494 | | , L0002495 | , L0002496 | , L0002497 | , L0002498 | , L0002499 | , L0002500 | , L0002501 | , |
| L0002502 | | , L0002503 | , L0002504 | , L0002505 | , L0002506 | , L0002507 | , L0002508 | , L0002509 | , |
| L0002510 | | , L0002511 | , L0002512 | , L0002513 | , L0002514 | , L0002515 | , L0002516 | , L0002517 | , |
| L0002518 | | , L0002519 | , L0002520 | , L0002521 | , L0002522 | , L0002523 | , L0002524 | , L0002525 | , |
| L0002526 | | , L0002527 | , L0002528 | , L0002529 | , L0002530 | , L0002531 | , L0002532 | , L0002533 | , |
| L0002534 | | , L0002535 | , L0002536 | , L0002537 | , L0002538 | , L0002539 | , L0002540 | , L0002541 | , |
| L0002542 | | , L0002543 | , L0002544 | , L0002545 | , L0002546 | , L0002547 | , L0002548 | , L0002549 | , |
| L0002550 | | , L0002551 | , L0002552 | , L0002553 | , L0002554 | , L0002555 | , L0002556 | , L0002557 | , |
| L0002558 | | , L0002559 | , L0002560 | , L0002561 | , L0002562 | , L0002563 | , L0002564 | , L0002565 | , |
| L0002566 | | , L0002567 | , L0002568 | , L0002569 | , L0002570 | , L0002571 | , L0002572 | , L0002573 | , |
| L0002574 | | , L0002575 | , L0002576 | , L0002577 | , L0002578 | , L0002579 | , L0002580 | , L0002581 | , |
| L0002582 | | , L0002583 | , L0002584 | , L0002585 | , L0002586 | , L0002587 | , L0002588 | , L0002589 | , |
| L0002590 | | , L0002591 | , L0002592 | , L0002593 | , L0002594 | , L0002595 | , L0002596 | , L0002597 | , |
| L0002598 | | , L0002599 | , L0002600 | , L0002601 | , L0002602 | , L0002603 | , L0002604 | , L0002605 | , |
| L0002606 | | , | | | | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

477399.1, 477449.1, 477499.1, 477549.1, 477599.1, 477649.1, 477699.1, 477749.1, 477799.1, 477849.1,
477899.1, 477949.1, 477999.1, 478049.1, 478099.1, 478149.1, 478199.1, 478249.1, 478299.1, 478349.1,
478399.1, 478449.1, 478499.1, 478549.1, 478599.1, 478649.1, 478699.1, 478749.1, 478799.1, 478849.1,
478899.1, 478949.1, 478999.1, 479049.1, 479099.1, 479149.1, 479199.1, 479249.1, 479299.1, 479349.1,
479399.1, 479449.1, 479499.1, 479549.1, 479599.1, 479649.1, 479699.1, 479749.1, 479799.1, 479849.1,
479899.1, 479949.1, 479999.1, 480049.1, 480099.1, 480149.1, 480199.1, 480249.1, 480299.1, 480349.1,
480399.1, 480449.1, 480499.1, 480549.1, 480599.1, 480649.1, 480699.1, 480749.1, 480799.1, 480849.1,
480899.1, 480949.1,

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

3741964.3, 3742014.3, 3742064.3, 3742114.3, 3742164.3, 3742214.3, 3742264.3, 3742314.3, 3742364.3, 3742414.3,
3742464.3, 3742514.3, 3742564.3, 3742614.3, 3742664.3, 3742714.3, 3742764.3, 3742814.3, 3742864.3, 3742914.3,
3742964.3, 3743014.3, 3743064.3, 3743114.3, 3743164.3, 3743214.3, 3743264.3, 3743314.3, 3743364.3, 3743414.3,
3743464.3, 3743514.3, 3743564.3, 3743614.3, 3743664.3, 3743714.3, 3743764.3, 3743814.3,

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 21

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 461.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 461.00 | 460.30 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 461.00 | 460.40 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 24

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 25

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | X-COORD (METERS) | | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 479349.08 | 479399.08 | | | | |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 26

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 27

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 28

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | X-COORD (METERS) | | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 480699.08 | 480749.08 | | | | |
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 440.00 | 440.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 440.00 | 440.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 | 440.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.30 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 29

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 592.00 | 592.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 30

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 31

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 33

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | X-COORD (METERS) | | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 479349.08 | 479399.08 | | | | |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 34

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 35

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | X-COORD (METERS) | | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 480249.08 | 480299.08 | | | | |
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
 *** 10:56:05
 *** PAGE 36

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | X-COORD (METERS) | | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 480699.08 | 480749.08 | | | | |
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 765.00 | 765.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 765.00 | 765.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 765.00 | 765.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
*** 10:56:05
*** PAGE 37

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | |
|------------------------|--------|--------|-------|------------------------|--------|--------|-------|
| (480087.8, 3742942.1, | 439.0, | 439.0, | 0.0); | (480087.8, 3742999.1, | 439.0, | 439.0, | 0.0); |
| (480089.4, 3743069.9, | 439.0, | 439.0, | 0.0); | (480088.7, 3743120.5, | 439.0, | 439.0, | 0.0); |
| (480088.7, 3743172.0, | 439.0, | 439.0, | 0.0); | (480088.7, 3743211.6, | 439.0, | 439.0, | 0.0); |
| (479731.9, 3743352.3, | 440.0, | 440.0, | 0.0); | (479352.6, 3743330.2, | 441.0, | 441.0, | 0.0); |
| (478263.3, 3742947.1, | 445.1, | 445.1, | 0.0); | (478262.8, 3742909.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742876.6, | 445.0, | 445.0, | 0.0); | (478261.3, 3742840.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742786.9, | 445.0, | 445.0, | 0.0); | (478283.8, 3742805.2, | 445.0, | 445.0, | 0.0); |
| (478282.9, 3742738.0, | 444.6, | 444.6, | 0.0); | (478282.9, 3742694.0, | 444.6, | 444.6, | 0.0); |
| (478261.6, 3742700.2, | 445.0, | 445.0, | 0.0); | (478262.2, 3742621.5, | 444.3, | 444.3, | 0.0); |
| (478261.6, 3742441.8, | 445.0, | 445.0, | 0.0); | (478263.4, 3742373.7, | 445.0, | 445.0, | 0.0); |
| (478263.4, 3742349.8, | 445.0, | 445.0, | 0.0); | (480290.2, 3743075.3, | 438.0, | 438.0, | 0.0); |
| (480292.2, 3743224.7, | 438.0, | 438.0, | 0.0); | (479926.0, 3743352.6, | 439.0, | 439.0, | 0.0); |
| (479732.3, 3743330.2, | 440.0, | 440.0, | 0.0); | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR XR (METERS) | LOCATION -- YR (METERS) | DISTANCE (METERS) |
|--------------|----------------------------|----------------------------|----------------------|
| L0002300 | 478849.1 | 3743364.3 | 0.51 |
| L0002306 | 478799.1 | 3743364.3 | -0.44 |
| L0002312 | 478749.1 | 3743364.3 | -1.13 |
| L0002317 | 478699.1 | 3743364.3 | 0.46 |
| L0002318 | 478699.1 | 3743364.3 | -1.47 |
| L0002323 | 478649.1 | 3743364.3 | -1.08 |
| L0002324 | 478649.1 | 3743364.3 | -1.40 |
| L0002329 | 478599.1 | 3743364.3 | -2.55 |
| L0002330 | 478599.1 | 3743364.3 | -0.95 |
| L0002335 | 478549.1 | 3743364.3 | -3.84 |
| L0002336 | 478549.1 | 3743364.3 | -0.17 |
| L0002340 | 478499.1 | 3743364.3 | 0.73 |
| L0002341 | 478499.1 | 3743364.3 | -4.79 |
| L0002342 | 478499.1 | 3743364.3 | 0.86 |
| L0002346 | 478449.1 | 3743364.3 | -0.97 |
| L0002347 | 478449.1 | 3743364.3 | -5.12 |
| L0002352 | 478399.1 | 3743364.3 | -2.68 |
| L0002353 | 478399.1 | 3743364.3 | -4.66 |
| L0002358 | 478349.1 | 3743364.3 | -4.38 |
| L0002359 | 478349.1 | 3743364.3 | -3.62 |
| L0002364 | 478299.1 | 3743364.3 | -6.09 |
| L0002365 | 478299.1 | 3743364.3 | -2.28 |
| L0002475 | 478149.1 | 3742564.3 | 0.86 |
| L0002481 | 478099.1 | 3742564.3 | -0.29 |
| L0002486 | 478049.1 | 3742564.3 | -0.26 |
| L0002487 | 478049.1 | 3742564.3 | -1.04 |
| L0002492 | 477999.1 | 3742564.3 | -2.30 |
| L0002493 | 477999.1 | 3742564.3 | -1.24 |
| L0002498 | 477949.1 | 3742564.3 | -4.29 |
| L0002499 | 477949.1 | 3742564.3 | -0.86 |
| L0002503 | 477899.1 | 3742564.3 | 0.66 |
| L0002504 | 477899.1 | 3742564.3 | -6.10 |
| L0002505 | 477899.1 | 3742564.3 | 0.02 |
| L0002509 | 477849.1 | 3742564.3 | -1.15 |
| L0002510 | 477849.1 | 3742564.3 | -6.96 |
| L0002515 | 477799.1 | 3742564.3 | -2.79 |
| L0002516 | 477799.1 | 3742564.3 | -5.80 |
| L0002521 | 477749.1 | 3742564.3 | -4.02 |
| L0002522 | 477749.1 | 3742564.3 | -3.94 |
| L0002527 | 477699.1 | 3742564.3 | -4.50 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR LOCATION -- | | DISTANCE (METERS) |
|--------------|-------------------------|-------------|----------------------|
| | XR (METERS) | YR (METERS) | |
| L0002528 | 479899.1 | 3743014.3 | -5.19 |
| L0002533 | 479949.1 | 3743014.3 | -2.86 |
| L0002534 | 479949.1 | 3743014.3 | -4.36 |
| L0002539 | 479999.1 | 3743014.3 | -4.38 |
| L0002540 | 479999.1 | 3743014.3 | -3.18 |
| L0002545 | 480049.1 | 3743014.3 | -5.83 |
| L0002546 | 480049.1 | 3743014.3 | -1.84 |
| L0002585 | 480049.1 | 3743064.3 | 0.96 |
| L0002589 | 480049.1 | 3743114.3 | -0.71 |
| L0002590 | 480049.1 | 3743114.3 | -4.13 |
| L0002595 | 480049.1 | 3743164.3 | -1.63 |
| L0002596 | 480049.1 | 3743164.3 | -2.86 |
| L0002601 | 480049.1 | 3743214.3 | -2.25 |
| L0002602 | 480049.1 | 3743214.3 | -1.45 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

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*** MODELOPTs: RegDFault CONC Elev URBAN ADJ_U*

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

Surface file: PERI_v9.SFC
 Profile file: PERI_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171
 Name: UNKNOWN
 Year: 2010

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2010

Met Version: 16216

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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 1.00 | 0.40 | 3. | 9.1 | 277.0 | 5.5 | |
| 10 | 01 | 01 | 1 | 07 | -8.0 | 0.125 | -9.000 | -9.000 | -999. | 106. | 21.0 | 0.19 | 0.61 | 1.00 | 1.30 | 99. | 9.1 | 277.0 | 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 | |
| 10 | 01 | 01 | 1 | 09 | 20.1 | 0.128 | 0.307 | 0.010 | 49. | 110. | -9.0 | 0.19 | 0.61 | 0.33 | 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 | |
| 10 | 01 | 01 | 1 | 12 | 97.1 | 0.281 | 1.058 | 0.008 | 421. | 357. | -19.7 | 0.19 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 0.36 | 1.80 | 11. | 9.1 | 292.5 | 5.5 | |
| 10 | 01 | 01 | 1 | 17 | -3.6 | 0.087 | -9.000 | -9.000 | -999. | 71. | 15.6 | 0.19 | 0.61 | 0.64 | 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 | 0.61 | 1.00 | 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 | 1.00 | 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 | 1.00 | 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 | |
| 10 | 01 | 01 | 1 | 22 | -3.8 | 0.088 | -9.000 | -9.000 | -999. | 62. | 15.1 | 0.19 | 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 | 1.00 | 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)

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00010 | 0.00011 |
| 3742164.29 | 0.00006 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00009 | 0.00010 |
| 3742114.29 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00009 |
| 3742064.29 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00008 |
| 3742014.29 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00007 | 0.00008 |
| 3741964.29 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00007 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
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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): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . .

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | | | | X-COORD (METERS) | | | | | | |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|--|
| | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 | |
| 3743814.29 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | |
| 3743764.29 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | |
| 3743714.29 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00014 | |
| 3743664.29 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | |
| 3743614.29 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | |
| 3743564.29 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00017 | 0.00019 | 0.00020 | |
| 3743514.29 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00015 | 0.00017 | 0.00019 | 0.00022 | 0.00024 | |
| 3743464.29 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00022 | 0.00026 | 0.00031 | |
| 3743414.29 | 0.00011 | 0.00012 | 0.00014 | 0.00015 | 0.00017 | 0.00020 | 0.00025 | 0.00032 | 0.00046 | |
| 3743364.29 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00019 | 0.00022 | 0.00028 | 0.00040 | 0.00085 | |
| 3743314.29 | 0.00012 | 0.00013 | 0.00015 | 0.00017 | 0.00020 | 0.00024 | 0.00031 | 0.00046 | 0.00107 | |
| 3743264.29 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00021 | 0.00025 | 0.00033 | 0.00049 | 0.00109 | |
| 3743214.29 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00021 | 0.00026 | 0.00034 | 0.00049 | 0.00109 | |
| 3743164.29 | 0.00013 | 0.00015 | 0.00016 | 0.00019 | 0.00022 | 0.00026 | 0.00034 | 0.00050 | 0.00109 | |
| 3743114.29 | 0.00014 | 0.00015 | 0.00017 | 0.00019 | 0.00022 | 0.00027 | 0.00035 | 0.00050 | 0.00109 | |
| 3743064.29 | 0.00014 | 0.00016 | 0.00017 | 0.00020 | 0.00023 | 0.00027 | 0.00035 | 0.00050 | 0.00109 | |
| 3743014.29 | 0.00015 | 0.00016 | 0.00018 | 0.00020 | 0.00023 | 0.00028 | 0.00035 | 0.00050 | 0.00109 | |
| 3742964.29 | 0.00015 | 0.00017 | 0.00018 | 0.00021 | 0.00024 | 0.00028 | 0.00035 | 0.00050 | 0.00109 | |
| 3742914.29 | 0.00016 | 0.00017 | 0.00019 | 0.00021 | 0.00024 | 0.00029 | 0.00036 | 0.00051 | 0.00110 | |
| 3742864.29 | 0.00017 | 0.00019 | 0.00020 | 0.00022 | 0.00025 | 0.00029 | 0.00036 | 0.00051 | 0.00110 | |
| 3742814.29 | 0.00018 | 0.00020 | 0.00022 | 0.00024 | 0.00026 | 0.00030 | 0.00037 | 0.00052 | 0.00110 | |
| 3742764.29 | 0.00021 | 0.00022 | 0.00024 | 0.00026 | 0.00029 | 0.00032 | 0.00038 | 0.00052 | 0.00111 | |
| 3742714.29 | 0.00025 | 0.00026 | 0.00028 | 0.00030 | 0.00032 | 0.00035 | 0.00041 | 0.00054 | 0.00112 | |
| 3742664.29 | 0.00033 | 0.00035 | 0.00036 | 0.00038 | 0.00039 | 0.00042 | 0.00047 | 0.00058 | 0.00114 | |
| 3742614.29 | 0.00055 | 0.00056 | 0.00057 | 0.00058 | 0.00058 | 0.00060 | 0.00062 | 0.00071 | 0.00119 | |
| 3742564.29 | 0.00133 | 0.00103 | 0.00131 | 0.00128 | 0.00125 | 0.00156 | 0.00149 | 0.00176 | 0.00184 | |
| 3742514.29 | 0.00061 | 0.00064 | 0.00067 | 0.00070 | 0.00072 | 0.00075 | 0.00078 | 0.00080 | 0.00077 | |
| 3742464.29 | 0.00035 | 0.00037 | 0.00038 | 0.00040 | 0.00041 | 0.00042 | 0.00043 | 0.00043 | 0.00041 | |
| 3742414.29 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00029 | |
| 3742364.29 | 0.00019 | 0.00020 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00023 | 0.00023 | |
| 3742314.29 | 0.00016 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00019 | 0.00019 | |
| 3742264.29 | 0.00014 | 0.00014 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 |
| 3742164.29 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |
| 3742114.29 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |
| 3742064.29 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00011 | 0.00011 |
| 3742014.29 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00011 |
| 3741964.29 | 0.00008 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00010 |

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*** AERMOD - VERSION 19191 ***   *** First Industrial Warehouse at Rider and Redlands           ***      07/28/20
*** AERMET - VERSION 16216 ***   *** Project Only DPM Concentrations (2022) AB3           ***      10:56:05
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
      INCLUDING SOURCE(S):   L0002142   , L0002143   , L0002144   , L0002145   , L0002146   ,
L0002147   , L0002148   , L0002149   , L0002150   , L0002151   , L0002152   , L0002153   , L0002154   ,
L0002155   , L0002156   , L0002157   , L0002158   , L0002159   , L0002160   , L0002161   , L0002162   ,
L0002163   , L0002164   , L0002165   , L0002166   , L0002167   , L0002168   , L0002169   , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | X-COORD (METERS) | | | | | | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|---------|---------|-----------|-----------|
| | | | | 478449.08 | 478499.08 | 478549.08 | 478599.08 | | | | |
| 3743814.29 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | |
| 3743764.29 | 0.00014 | 0.00014 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | |
| 3743714.29 | 0.00015 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | |
| 3743664.29 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | |
| 3743614.29 | 0.00019 | 0.00020 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | |
| 3743564.29 | 0.00022 | 0.00023 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 | 0.00028 | |
| 3743514.29 | 0.00027 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00032 | 0.00032 | 0.00033 | 0.00033 | 0.00033 | |
| 3743464.29 | 0.00036 | 0.00039 | 0.00041 | 0.00041 | 0.00042 | 0.00042 | 0.00042 | 0.00042 | 0.00043 | 0.00043 | |
| 3743414.29 | 0.00061 | 0.00066 | 0.00067 | 0.00067 | 0.00066 | 0.00066 | 0.00065 | 0.00065 | 0.00065 | 0.00065 | |
| 3743364.29 | 0.00156 | 0.00150 | 0.00150 | 0.00151 | 0.00118 | 0.00148 | 0.00143 | 0.00141 | 0.00141 | 0.00141 | |
| 3743314.29 | 0.00127 | 0.00087 | 0.00082 | 0.00081 | 0.00080 | 0.00081 | 0.00081 | 0.00083 | 0.00084 | 0.00084 | |
| 3743264.29 | 0.00117 | 0.00065 | 0.00056 | 0.00052 | 0.00051 | 0.00051 | 0.00050 | 0.00051 | 0.00051 | 0.00051 | |
| 3743214.29 | 0.00113 | 0.00059 | 0.00047 | 0.00043 | 0.00041 | 0.00040 | 0.00039 | 0.00039 | 0.00039 | 0.00039 | |
| 3743164.29 | 0.00112 | 0.00057 | 0.00044 | 0.00038 | 0.00036 | 0.00034 | 0.00034 | 0.00033 | 0.00033 | 0.00033 | |
| 3743114.29 | 0.00112 | 0.00055 | 0.00042 | 0.00036 | 0.00033 | 0.00031 | 0.00030 | 0.00030 | 0.00030 | 0.00030 | |
| 3743064.29 | 0.00111 | 0.00055 | 0.00040 | 0.00034 | 0.00031 | 0.00029 | 0.00028 | 0.00027 | 0.00027 | 0.00028 | |
| 3743014.29 | 0.00111 | 0.00054 | 0.00040 | 0.00033 | 0.00030 | 0.00028 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | |
| 3742964.29 | 0.00110 | 0.00053 | 0.00039 | 0.00032 | 0.00029 | 0.00027 | 0.00026 | 0.00025 | 0.00025 | 0.00025 | |
| 3742914.29 | 0.00110 | 0.00053 | 0.00038 | 0.00032 | 0.00028 | 0.00026 | 0.00025 | 0.00024 | 0.00023 | 0.00023 | |
| 3742864.29 | 0.00110 | 0.00053 | 0.00038 | 0.00031 | 0.00028 | 0.00025 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | |
| 3742814.29 | 0.00110 | 0.00053 | 0.00038 | 0.00031 | 0.00027 | 0.00025 | 0.00023 | 0.00022 | 0.00022 | 0.00022 | |
| 3742764.29 | 0.00108 | 0.00052 | 0.00037 | 0.00030 | 0.00026 | 0.00024 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | |
| 3742714.29 | 0.00108 | 0.00052 | 0.00037 | 0.00030 | 0.00026 | 0.00023 | 0.00022 | 0.00021 | 0.00021 | 0.00020 | |
| 3742664.29 | 0.00108 | 0.00051 | 0.00036 | 0.00029 | 0.00025 | 0.00022 | 0.00021 | 0.00020 | 0.00020 | 0.00019 | |
| 3742614.29 | 0.00108 | 0.00049 | 0.00034 | 0.00027 | 0.00024 | 0.00021 | 0.00020 | 0.00019 | 0.00019 | 0.00019 | |
| 3742564.29 | 0.00095 | 0.00044 | 0.00032 | 0.00026 | 0.00022 | 0.00020 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | |
| 3742514.29 | 0.00055 | 0.00037 | 0.00028 | 0.00024 | 0.00021 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | |
| 3742464.29 | 0.00036 | 0.00030 | 0.00025 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00017 | 0.00017 | 0.00016 | |
| 3742414.29 | 0.00027 | 0.00025 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | |
| 3742364.29 | 0.00022 | 0.00021 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00015 | |
| 3742314.29 | 0.00019 | 0.00018 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | |
| 3742264.29 | 0.00016 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00014 | 0.00013 | 0.00013 | 0.00013 |
| 3742164.29 | 0.00013 | 0.00014 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |
| 3742114.29 | 0.00013 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |
| 3742064.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |
| 3742014.29 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 |
| 3741964.29 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00011 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 *** 10:56:05
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
 L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
 L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
 L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
| 3743814.29 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00021 | 0.00021 |
| 3743764.29 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00022 | 0.00022 | 0.00023 |
| 3743714.29 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00024 | 0.00025 |
| 3743664.29 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | 0.00027 |
| 3743614.29 | 0.00024 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00030 |
| 3743564.29 | 0.00028 | 0.00028 | 0.00029 | 0.00030 | 0.00030 | 0.00031 | 0.00032 | 0.00033 | 0.00034 |
| 3743514.29 | 0.00033 | 0.00034 | 0.00035 | 0.00035 | 0.00036 | 0.00036 | 0.00037 | 0.00038 | 0.00039 |
| 3743464.29 | 0.00043 | 0.00044 | 0.00044 | 0.00044 | 0.00045 | 0.00045 | 0.00046 | 0.00047 | 0.00048 |
| 3743414.29 | 0.00065 | 0.00065 | 0.00065 | 0.00065 | 0.00065 | 0.00066 | 0.00066 | 0.00067 | 0.00067 |
| 3743364.29 | 0.00173 | 0.00170 | 0.00168 | 0.00200 | 0.00193 | 0.00188 | 0.00182 | 0.00178 | 0.00174 |
| 3743314.29 | 0.00085 | 0.00087 | 0.00088 | 0.00090 | 0.00091 | 0.00093 | 0.00095 | 0.00098 | 0.00100 |
| 3743264.29 | 0.00051 | 0.00053 | 0.00053 | 0.00054 | 0.00055 | 0.00056 | 0.00057 | 0.00059 | 0.00060 |
| 3743214.29 | 0.00040 | 0.00041 | 0.00041 | 0.00042 | 0.00043 | 0.00043 | 0.00045 | 0.00046 | 0.00047 |
| 3743164.29 | 0.00034 | 0.00034 | 0.00035 | 0.00035 | 0.00036 | 0.00037 | 0.00038 | 0.00039 | 0.00041 |
| 3743114.29 | 0.00030 | 0.00031 | 0.00031 | 0.00031 | 0.00032 | 0.00033 | 0.00034 | 0.00035 | 0.00036 |
| 3743064.29 | 0.00028 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00033 |
| 3743014.29 | 0.00026 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00031 |
| 3742964.29 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00028 | 0.00029 |
| 3742914.29 | 0.00023 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00028 |
| 3742864.29 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00026 |
| 3742814.29 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00025 |
| 3742764.29 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00024 |
| 3742714.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00023 |
| 3742664.29 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00022 |
| 3742614.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 |
| 3742564.29 | 0.00018 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 |
| 3742514.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00019 |
| 3742464.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 |
| 3742414.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00017 | 0.00017 |
| 3742364.29 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00017 |
| 3742314.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00016 |
| 3742264.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 3742164.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00014 |
| 3742114.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |
| 3742064.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00013 |
| 3742014.29 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |
| 3741964.29 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 *** 10:56:05
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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): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00030 |
| 3743764.29 | 0.00024 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00030 | 0.00031 | 0.00033 |
| 3743714.29 | 0.00026 | 0.00026 | 0.00027 | 0.00029 | 0.00030 | 0.00031 | 0.00033 | 0.00034 | 0.00036 |
| 3743664.29 | 0.00028 | 0.00029 | 0.00030 | 0.00031 | 0.00033 | 0.00034 | 0.00036 | 0.00038 | 0.00040 |
| 3743614.29 | 0.00031 | 0.00032 | 0.00033 | 0.00034 | 0.00036 | 0.00038 | 0.00040 | 0.00042 | 0.00044 |
| 3743564.29 | 0.00035 | 0.00036 | 0.00037 | 0.00039 | 0.00040 | 0.00042 | 0.00045 | 0.00047 | 0.00050 |
| 3743514.29 | 0.00040 | 0.00041 | 0.00043 | 0.00044 | 0.00046 | 0.00049 | 0.00051 | 0.00054 | 0.00058 |
| 3743464.29 | 0.00049 | 0.00050 | 0.00052 | 0.00053 | 0.00055 | 0.00058 | 0.00061 | 0.00065 | 0.00069 |
| 3743414.29 | 0.00068 | 0.00069 | 0.00071 | 0.00072 | 0.00074 | 0.00077 | 0.00080 | 0.00084 | 0.00089 |
| 3743364.29 | 0.00170 | 0.00167 | 0.00164 | 0.00163 | 0.00162 | 0.00162 | 0.00162 | 0.00164 | 0.00167 |
| 3743314.29 | 0.00103 | 0.00106 | 0.00109 | 0.00113 | 0.00117 | 0.00122 | 0.00128 | 0.00135 | 0.00144 |
| 3743264.29 | 0.00062 | 0.00064 | 0.00066 | 0.00069 | 0.00073 | 0.00077 | 0.00082 | 0.00088 | 0.00097 |
| 3743214.29 | 0.00049 | 0.00051 | 0.00053 | 0.00056 | 0.00059 | 0.00063 | 0.00069 | 0.00075 | 0.00084 |
| 3743164.29 | 0.00042 | 0.00044 | 0.00046 | 0.00049 | 0.00052 | 0.00057 | 0.00062 | 0.00069 | 0.00078 |
| 3743114.29 | 0.00038 | 0.00040 | 0.00042 | 0.00045 | 0.00048 | 0.00052 | 0.00058 | 0.00064 | 0.00073 |
| 3743064.29 | 0.00035 | 0.00037 | 0.00039 | 0.00042 | 0.00045 | 0.00049 | 0.00054 | 0.00061 | 0.00069 |
| 3743014.29 | 0.00033 | 0.00034 | 0.00037 | 0.00039 | 0.00042 | 0.00046 | 0.00051 | 0.00057 | 0.00065 |
| 3742964.29 | 0.00031 | 0.00033 | 0.00035 | 0.00037 | 0.00040 | 0.00044 | 0.00048 | 0.00054 | 0.00061 |
| 3742914.29 | 0.00029 | 0.00031 | 0.00033 | 0.00035 | 0.00038 | 0.00041 | 0.00045 | 0.00050 | 0.00056 |
| 3742864.29 | 0.00028 | 0.00029 | 0.00031 | 0.00033 | 0.00036 | 0.00039 | 0.00042 | 0.00047 | 0.00052 |
| 3742814.29 | 0.00026 | 0.00028 | 0.00029 | 0.00031 | 0.00034 | 0.00036 | 0.00039 | 0.00043 | 0.00048 |
| 3742764.29 | 0.00025 | 0.00026 | 0.00028 | 0.00030 | 0.00032 | 0.00034 | 0.00037 | 0.00040 | 0.00044 |
| 3742714.29 | 0.00024 | 0.00025 | 0.00026 | 0.00028 | 0.00030 | 0.00032 | 0.00034 | 0.00037 | 0.00040 |
| 3742664.29 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00028 | 0.00030 | 0.00032 | 0.00034 | 0.00036 |
| 3742614.29 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00028 | 0.00029 | 0.00031 | 0.00033 |
| 3742564.29 | 0.00021 | 0.00022 | 0.00022 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00029 | 0.00030 |
| 3742514.29 | 0.00020 | 0.00020 | 0.00021 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00027 | 0.00028 |
| 3742464.29 | 0.00019 | 0.00019 | 0.00020 | 0.00021 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00026 |
| 3742414.29 | 0.00018 | 0.00018 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00022 | 0.00023 | 0.00024 |
| 3742364.29 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00021 | 0.00021 | 0.00022 |
| 3742314.29 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00021 |
| 3742264.29 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00018 |
| 3742164.29 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00017 |
| 3742114.29 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00016 |
| 3742064.29 | 0.00013 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 |
| 3742014.29 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00014 |
| 3741964.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |

*** AERMOD - VERSION 19191 *** ** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** ** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
*** 10:56:05
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 | |
| 3743814.29 | 0.00031 | 0.00032 | 0.00033 | 0.00035 | 0.00035 | 0.00036 | 0.00037 | 0.00037 | 0.00036 | |
| 3743764.29 | 0.00034 | 0.00036 | 0.00037 | 0.00039 | 0.00040 | 0.00041 | 0.00042 | 0.00042 | 0.00041 | |
| 3743714.29 | 0.00038 | 0.00040 | 0.00042 | 0.00044 | 0.00045 | 0.00047 | 0.00048 | 0.00048 | 0.00048 | |
| 3743664.29 | 0.00042 | 0.00045 | 0.00047 | 0.00050 | 0.00052 | 0.00054 | 0.00056 | 0.00056 | 0.00056 | |
| 3743614.29 | 0.00047 | 0.00050 | 0.00054 | 0.00057 | 0.00060 | 0.00063 | 0.00066 | 0.00067 | 0.00066 | |
| 3743564.29 | 0.00054 | 0.00058 | 0.00062 | 0.00067 | 0.00071 | 0.00076 | 0.00079 | 0.00081 | 0.00081 | |
| 3743514.29 | 0.00062 | 0.00067 | 0.00073 | 0.00079 | 0.00086 | 0.00092 | 0.00098 | 0.00102 | 0.00102 | |
| 3743464.29 | 0.00074 | 0.00080 | 0.00088 | 0.00097 | 0.00106 | 0.00116 | 0.00125 | 0.00132 | 0.00134 | |
| 3743414.29 | 0.00095 | 0.00103 | 0.00113 | 0.00125 | 0.00139 | 0.00152 | 0.00166 | 0.00181 | 0.00188 | |
| 3743364.29 | 0.00172 | 0.00180 | 0.00191 | 0.00207 | 0.00228 | 0.00227 | 0.00229 | 0.00266 | 0.00296 | |
| 3743314.29 | 0.00155 | 0.00170 | 0.00189 | 0.00219 | 0.00274 | 0.00423 | 0.00322 | 0.00430 | 0.00595 | |
| 3743264.29 | 0.00108 | 0.00123 | 0.00146 | 0.00182 | 0.00261 | 0.00479 | 0.00435 | 0.00759 | 0.02518 | |
| 3743214.29 | 0.00096 | 0.00113 | 0.00138 | 0.00181 | 0.00274 | 0.00518 | 0.00537 | 0.01118 | 0.03757 | |
| 3743164.29 | 0.00090 | 0.00108 | 0.00135 | 0.00181 | 0.00280 | 0.00535 | 0.00583 | 0.01248 | 0.04097 | |
| 3743114.29 | 0.00086 | 0.00103 | 0.00131 | 0.00177 | 0.00276 | 0.00528 | 0.00562 | 0.01171 | 0.04039 | |
| 3743064.29 | 0.00081 | 0.00098 | 0.00123 | 0.00166 | 0.00259 | 0.00508 | 0.00503 | 0.00867 | 0.01979 | |
| 3743014.29 | 0.00076 | 0.00091 | 0.00113 | 0.00148 | 0.00224 | 0.00497 | 0.00538 | 0.00671 | 0.00854 | |
| 3742964.29 | 0.00070 | 0.00083 | 0.00101 | 0.00127 | 0.00169 | 0.00238 | 0.00304 | 0.00356 | 0.00391 | |
| 3742914.29 | 0.00064 | 0.00075 | 0.00088 | 0.00106 | 0.00130 | 0.00160 | 0.00191 | 0.00216 | 0.00231 | |
| 3742864.29 | 0.00058 | 0.00067 | 0.00077 | 0.00089 | 0.00104 | 0.00120 | 0.00137 | 0.00150 | 0.00159 | |
| 3742814.29 | 0.00053 | 0.00059 | 0.00067 | 0.00075 | 0.00085 | 0.00095 | 0.00104 | 0.00113 | 0.00118 | |
| 3742764.29 | 0.00048 | 0.00053 | 0.00058 | 0.00064 | 0.00070 | 0.00077 | 0.00083 | 0.00089 | 0.00092 | |
| 3742714.29 | 0.00043 | 0.00047 | 0.00051 | 0.00055 | 0.00060 | 0.00064 | 0.00068 | 0.00072 | 0.00075 | |
| 3742664.29 | 0.00039 | 0.00042 | 0.00045 | 0.00048 | 0.00051 | 0.00055 | 0.00058 | 0.00060 | 0.00062 | |
| 3742614.29 | 0.00035 | 0.00038 | 0.00040 | 0.00042 | 0.00045 | 0.00047 | 0.00049 | 0.00051 | 0.00053 | |
| 3742564.29 | 0.00032 | 0.00034 | 0.00036 | 0.00038 | 0.00039 | 0.00041 | 0.00043 | 0.00044 | 0.00045 | |
| 3742514.29 | 0.00029 | 0.00031 | 0.00032 | 0.00034 | 0.00035 | 0.00037 | 0.00038 | 0.00039 | 0.00040 | |
| 3742464.29 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00032 | 0.00033 | 0.00034 | 0.00034 | 0.00035 | |
| 3742414.29 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00030 | 0.00031 | 0.00031 | |
| 3742364.29 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | |
| 3742314.29 | 0.00021 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | |
| 3742264.29 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 |
| 3742164.29 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 |
| 3742114.29 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 3742064.29 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 |
| 3742014.29 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00016 |
| 3741964.29 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 *** 10:56:05
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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): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00036 | 0.00035 | 0.00034 | 0.00032 | 0.00031 | 0.00029 | 0.00028 | 0.00026 | 0.00024 |
| 3743764.29 | 0.00041 | 0.00039 | 0.00038 | 0.00036 | 0.00034 | 0.00032 | 0.00030 | 0.00028 | 0.00026 |
| 3743714.29 | 0.00047 | 0.00045 | 0.00043 | 0.00041 | 0.00038 | 0.00036 | 0.00033 | 0.00031 | 0.00029 |
| 3743664.29 | 0.00054 | 0.00052 | 0.00050 | 0.00046 | 0.00043 | 0.00040 | 0.00037 | 0.00034 | 0.00031 |
| 3743614.29 | 0.00065 | 0.00062 | 0.00058 | 0.00054 | 0.00049 | 0.00045 | 0.00041 | 0.00037 | 0.00034 |
| 3743564.29 | 0.00078 | 0.00074 | 0.00069 | 0.00063 | 0.00057 | 0.00051 | 0.00046 | 0.00041 | 0.00037 |
| 3743514.29 | 0.00098 | 0.00091 | 0.00083 | 0.00074 | 0.00065 | 0.00058 | 0.00051 | 0.00045 | 0.00040 |
| 3743464.29 | 0.00128 | 0.00116 | 0.00102 | 0.00089 | 0.00076 | 0.00066 | 0.00057 | 0.00049 | 0.00043 |
| 3743414.29 | 0.00178 | 0.00155 | 0.00130 | 0.00107 | 0.00089 | 0.00074 | 0.00063 | 0.00054 | 0.00046 |
| 3743364.29 | 0.00276 | 0.00217 | 0.00167 | 0.00130 | 0.00103 | 0.00084 | 0.00069 | 0.00058 | 0.00050 |
| 3743314.29 | 0.00543 | 0.00318 | 0.00216 | 0.00157 | 0.00119 | 0.00093 | 0.00075 | 0.00062 | 0.00052 |
| 3743264.29 | 0.01035 | 0.00456 | 0.00272 | 0.00183 | 0.00133 | 0.00102 | 0.00080 | 0.00066 | 0.00055 |
| 3743214.29 | 0.01568 | 0.00585 | 0.00319 | 0.00204 | 0.00144 | 0.00108 | 0.00084 | 0.00068 | 0.00056 |
| 3743164.29 | 0.01741 | 0.00650 | 0.00342 | 0.00215 | 0.00149 | 0.00110 | 0.00086 | 0.00069 | 0.00057 |
| 3743114.29 | 0.01628 | 0.00626 | 0.00336 | 0.00212 | 0.00148 | 0.00110 | 0.00085 | 0.00069 | 0.00057 |
| 3743064.29 | 0.01172 | 0.00522 | 0.00303 | 0.00199 | 0.00141 | 0.00106 | 0.00083 | 0.00067 | 0.00056 |
| 3743014.29 | 0.00668 | 0.00392 | 0.00256 | 0.00179 | 0.00131 | 0.00100 | 0.00080 | 0.00065 | 0.00054 |
| 3742964.29 | 0.00360 | 0.00279 | 0.00208 | 0.00156 | 0.00119 | 0.00093 | 0.00075 | 0.00062 | 0.00052 |
| 3742914.29 | 0.00227 | 0.00200 | 0.00165 | 0.00133 | 0.00106 | 0.00086 | 0.00070 | 0.00059 | 0.00050 |
| 3742864.29 | 0.00159 | 0.00149 | 0.00132 | 0.00112 | 0.00094 | 0.00078 | 0.00065 | 0.00055 | 0.00047 |
| 3742814.29 | 0.00119 | 0.00115 | 0.00106 | 0.00094 | 0.00082 | 0.00070 | 0.00060 | 0.00052 | 0.00045 |
| 3742764.29 | 0.00094 | 0.00092 | 0.00087 | 0.00080 | 0.00072 | 0.00063 | 0.00055 | 0.00048 | 0.00042 |
| 3742714.29 | 0.00076 | 0.00075 | 0.00073 | 0.00068 | 0.00063 | 0.00056 | 0.00050 | 0.00045 | 0.00040 |
| 3742664.29 | 0.00063 | 0.00063 | 0.00061 | 0.00059 | 0.00055 | 0.00050 | 0.00046 | 0.00041 | 0.00037 |
| 3742614.29 | 0.00054 | 0.00054 | 0.00053 | 0.00051 | 0.00048 | 0.00045 | 0.00042 | 0.00038 | 0.00035 |
| 3742564.29 | 0.00046 | 0.00046 | 0.00046 | 0.00045 | 0.00043 | 0.00041 | 0.00038 | 0.00035 | 0.00032 |
| 3742514.29 | 0.00040 | 0.00041 | 0.00040 | 0.00039 | 0.00038 | 0.00037 | 0.00035 | 0.00032 | 0.00030 |
| 3742464.29 | 0.00036 | 0.00036 | 0.00036 | 0.00035 | 0.00034 | 0.00033 | 0.00032 | 0.00030 | 0.00028 |
| 3742414.29 | 0.00032 | 0.00032 | 0.00032 | 0.00032 | 0.00031 | 0.00030 | 0.00029 | 0.00027 | 0.00026 |
| 3742364.29 | 0.00029 | 0.00029 | 0.00029 | 0.00029 | 0.00028 | 0.00027 | 0.00026 | 0.00025 | 0.00024 |
| 3742314.29 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | 0.00025 | 0.00024 | 0.00024 | 0.00023 |
| 3742264.29 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00021 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00020 | 0.00020 |
| 3742164.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00019 | 0.00018 |
| 3742114.29 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 |
| 3742064.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00016 |
| 3742014.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00015 |
| 3741964.29 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00014 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 *** 10:56:05
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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): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
 L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
 L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
 L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
| 3743814.29 | 0.00023 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 |
| 3743764.29 | 0.00025 | 0.00023 | 0.00021 | 0.00020 | 0.00019 | 0.00017 | 0.00016 | 0.00015 | 0.00014 |
| 3743714.29 | 0.00027 | 0.00025 | 0.00023 | 0.00021 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00015 |
| 3743664.29 | 0.00029 | 0.00026 | 0.00024 | 0.00022 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 |
| 3743614.29 | 0.00031 | 0.00028 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00016 |
| 3743564.29 | 0.00033 | 0.00030 | 0.00027 | 0.00025 | 0.00023 | 0.00021 | 0.00019 | 0.00018 | 0.00016 |
| 3743514.29 | 0.00036 | 0.00032 | 0.00029 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 |
| 3743464.29 | 0.00038 | 0.00034 | 0.00030 | 0.00027 | 0.00025 | 0.00022 | 0.00020 | 0.00019 | 0.00017 |
| 3743414.29 | 0.00041 | 0.00036 | 0.00032 | 0.00028 | 0.00026 | 0.00023 | 0.00021 | 0.00019 | 0.00018 |
| 3743364.29 | 0.00043 | 0.00037 | 0.00033 | 0.00029 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00018 |
| 3743314.29 | 0.00045 | 0.00039 | 0.00034 | 0.00030 | 0.00027 | 0.00024 | 0.00022 | 0.00020 | 0.00018 |
| 3743264.29 | 0.00046 | 0.00040 | 0.00035 | 0.00031 | 0.00028 | 0.00025 | 0.00022 | 0.00020 | 0.00019 |
| 3743214.29 | 0.00048 | 0.00041 | 0.00036 | 0.00031 | 0.00028 | 0.00025 | 0.00023 | 0.00020 | 0.00019 |
| 3743164.29 | 0.00048 | 0.00041 | 0.00036 | 0.00031 | 0.00028 | 0.00025 | 0.00023 | 0.00021 | 0.00019 |
| 3743114.29 | 0.00047 | 0.00041 | 0.00035 | 0.00031 | 0.00028 | 0.00025 | 0.00022 | 0.00020 | 0.00019 |
| 3743064.29 | 0.00046 | 0.00040 | 0.00035 | 0.00031 | 0.00027 | 0.00025 | 0.00022 | 0.00020 | 0.00018 |
| 3743014.29 | 0.00045 | 0.00039 | 0.00034 | 0.00030 | 0.00027 | 0.00024 | 0.00022 | 0.00020 | 0.00018 |
| 3742964.29 | 0.00043 | 0.00037 | 0.00033 | 0.00029 | 0.00026 | 0.00024 | 0.00021 | 0.00020 | 0.00018 |
| 3742914.29 | 0.00041 | 0.00036 | 0.00032 | 0.00028 | 0.00025 | 0.00023 | 0.00021 | 0.00019 | 0.00018 |
| 3742864.29 | 0.00039 | 0.00034 | 0.00031 | 0.00027 | 0.00025 | 0.00022 | 0.00020 | 0.00019 | 0.00017 |
| 3742814.29 | 0.00037 | 0.00033 | 0.00029 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 |
| 3742764.29 | 0.00035 | 0.00031 | 0.00028 | 0.00026 | 0.00023 | 0.00021 | 0.00019 | 0.00018 | 0.00017 |
| 3742714.29 | 0.00033 | 0.00030 | 0.00027 | 0.00025 | 0.00022 | 0.00020 | 0.00019 | 0.00017 | 0.00016 |
| 3742664.29 | 0.00031 | 0.00028 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00016 |
| 3742614.29 | 0.00030 | 0.00027 | 0.00025 | 0.00023 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 |
| 3742564.29 | 0.00028 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00019 | 0.00017 | 0.00016 | 0.00015 |
| 3742514.29 | 0.00026 | 0.00024 | 0.00022 | 0.00021 | 0.00019 | 0.00018 | 0.00017 | 0.00015 | 0.00014 |
| 3742464.29 | 0.00024 | 0.00023 | 0.00021 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 |
| 3742414.29 | 0.00023 | 0.00022 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 |
| 3742364.29 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 |
| 3742314.29 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00014 | 0.00013 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 |
| 3742164.29 | 0.00018 | 0.00017 | 0.00016 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00013 | 0.00012 |
| 3742114.29 | 0.00017 | 0.00016 | 0.00016 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00012 | 0.00012 |
| 3742064.29 | 0.00016 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00012 | 0.00012 | 0.00011 |
| 3742014.29 | 0.00015 | 0.00014 | 0.00014 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00011 | 0.00011 |
| 3741964.29 | 0.00014 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00012 | 0.00011 | 0.00011 |

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*** AERMOD - VERSION 19191 ***   *** First Industrial Warehouse at Rider and Redlands   ***   07/28/20
*** AERMET - VERSION 16216 ***   *** Project Only DPM Concentrations (2022) AB3   ***   10:56:05
*** MODELOPTs:   RegDFault   CONC   ELEV   URBAN   ADJ_U*   ***   PAGE 50

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0002142   ,   L0002143   ,   L0002144   ,   L0002145   ,   L0002146   ,
L0002147   ,   L0002148   ,   L0002149   ,   L0002150   ,   L0002151   ,   L0002152   ,   L0002153   ,   L0002154   ,
L0002155   ,   L0002156   ,   L0002157   ,   L0002158   ,   L0002159   ,   L0002160   ,   L0002161   ,   L0002162   ,
L0002163   ,   L0002164   ,   L0002165   ,   L0002166   ,   L0002167   ,   L0002168   ,   L0002169   ,   . . .   ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|-------------|-------------|---------|-------------|-------------|---------|
| 480087.78 | 3742942.06 | 0.00295 | 480087.78 | 3742999.09 | 0.00618 |
| 480089.36 | 3743069.92 | 0.01587 | 480088.70 | 3743120.51 | 0.02242 |
| 480088.70 | 3743172.03 | 0.02354 | 480088.70 | 3743211.58 | 0.02188 |
| 479731.90 | 3743352.27 | 0.00262 | 479352.56 | 3743330.25 | 0.00161 |
| 478263.32 | 3742947.12 | 0.00186 | 478262.83 | 3742909.91 | 0.00181 |
| 478261.94 | 3742876.58 | 0.00174 | 478261.35 | 3742840.90 | 0.00170 |
| 478261.94 | 3742786.92 | 0.00175 | 478283.77 | 3742805.21 | 0.00186 |
| 478282.88 | 3742737.96 | 0.00191 | 478282.88 | 3742694.02 | 0.00191 |
| 478261.65 | 3742700.21 | 0.00175 | 478262.24 | 3742621.47 | 0.00184 |
| 478261.65 | 3742441.85 | 0.00034 | 478263.42 | 3742373.72 | 0.00024 |
| 478263.42 | 3742349.83 | 0.00021 | 480290.16 | 3743075.32 | 0.00152 |
| 480292.20 | 3743224.73 | 0.00148 | 479925.99 | 3743352.56 | 0.00241 |
| 479732.34 | 3743330.22 | 0.00248 | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

** CONC OF DPM IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | NETWORK GRID-ID |
|----------|-----------------------|---|---------|-----------------|
| ALL | 1ST HIGHEST VALUE IS | 0.04097 AT (480049.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 2ND HIGHEST VALUE IS | 0.04039 AT (480049.08, 3743114.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 3RD HIGHEST VALUE IS | 0.03757 AT (480049.08, 3743214.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 4TH HIGHEST VALUE IS | 0.02518 AT (480049.08, 3743264.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 5TH HIGHEST VALUE IS | 0.02354 AT (480088.70, 3743172.03, 439.00, 439.00, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 0.02242 AT (480088.70, 3743120.51, 439.00, 439.00, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.02188 AT (480088.70, 3743211.58, 439.00, 439.00, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 0.01979 AT (480049.08, 3743064.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 9TH HIGHEST VALUE IS | 0.01741 AT (480099.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 10TH HIGHEST VALUE IS | 0.01628 AT (480099.08, 3743114.29, 439.00, 439.00, 0.00) | GC | UCART1 |

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3

*** 07/28/20
*** 10:56:05
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*** 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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 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 ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 7/29/2020
** File: C:\Users\eliza\Desktop\FIR Redlands\ProjectAB1Mit\ProjectAB1Mit.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE First Industrial Warehouse at Rider and Redlands
  TITLETWO Project Only DPM Concentrations (2022) AB1 - Mitigated
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL ProjectAB1Mit.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 Redlands Ave b/n South Project Driveway and Rider St
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001504
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479888.795, 3743008.989, 439.00, 3.49, 4.00
** 479889.111, 3743340.543, 439.08, 3.49, 4.00
** -----
  LOCATION L000001      VOLUME  479888.799 3743013.284 439.00

```

| LOCATION | VOLUME | 479888.807 | 3743021.874 | 439.00 |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0000002 | VOLUME | 479888.807 | 3743021.874 | 439.00 |
| LOCATION L0000003 | VOLUME | 479888.816 | 3743030.464 | 439.00 |
| LOCATION L0000004 | VOLUME | 479888.824 | 3743039.054 | 439.00 |
| LOCATION L0000005 | VOLUME | 479888.832 | 3743047.644 | 439.00 |
| LOCATION L0000006 | VOLUME | 479888.840 | 3743056.234 | 439.00 |
| LOCATION L0000007 | VOLUME | 479888.848 | 3743064.824 | 439.00 |
| LOCATION L0000008 | VOLUME | 479888.857 | 3743073.414 | 439.00 |
| LOCATION L0000009 | VOLUME | 479888.865 | 3743082.004 | 439.00 |
| LOCATION L0000010 | VOLUME | 479888.873 | 3743090.594 | 439.00 |
| LOCATION L0000011 | VOLUME | 479888.881 | 3743099.184 | 439.00 |
| LOCATION L0000012 | VOLUME | 479888.889 | 3743107.774 | 439.00 |
| LOCATION L0000013 | VOLUME | 479888.898 | 3743116.364 | 439.00 |
| LOCATION L0000014 | VOLUME | 479888.906 | 3743124.954 | 439.01 |
| LOCATION L0000015 | VOLUME | 479888.914 | 3743133.544 | 439.02 |
| LOCATION L0000016 | VOLUME | 479888.922 | 3743142.134 | 439.03 |
| LOCATION L0000017 | VOLUME | 479888.930 | 3743150.724 | 439.03 |
| LOCATION L0000018 | VOLUME | 479888.939 | 3743159.314 | 439.03 |
| LOCATION L0000019 | VOLUME | 479888.947 | 3743167.904 | 439.03 |
| LOCATION L0000020 | VOLUME | 479888.955 | 3743176.494 | 439.03 |
| LOCATION L0000021 | VOLUME | 479888.963 | 3743185.084 | 439.03 |
| LOCATION L0000022 | VOLUME | 479888.971 | 3743193.674 | 439.03 |
| LOCATION L0000023 | VOLUME | 479888.980 | 3743202.264 | 439.03 |
| LOCATION L0000024 | VOLUME | 479888.988 | 3743210.854 | 439.03 |
| LOCATION L0000025 | VOLUME | 479888.996 | 3743219.444 | 439.03 |
| LOCATION L0000026 | VOLUME | 479889.004 | 3743228.034 | 439.03 |
| LOCATION L0000027 | VOLUME | 479889.012 | 3743236.624 | 439.03 |
| LOCATION L0000028 | VOLUME | 479889.020 | 3743245.214 | 439.03 |
| LOCATION L0000029 | VOLUME | 479889.029 | 3743253.804 | 439.03 |
| LOCATION L0000030 | VOLUME | 479889.037 | 3743262.394 | 439.03 |
| LOCATION L0000031 | VOLUME | 479889.045 | 3743270.984 | 439.03 |
| LOCATION L0000032 | VOLUME | 479889.053 | 3743279.574 | 439.03 |
| LOCATION L0000033 | VOLUME | 479889.061 | 3743288.164 | 439.03 |
| LOCATION L0000034 | VOLUME | 479889.070 | 3743296.754 | 439.03 |
| LOCATION L0000035 | VOLUME | 479889.078 | 3743305.344 | 439.03 |
| LOCATION L0000036 | VOLUME | 479889.086 | 3743313.934 | 439.03 |
| LOCATION L0000037 | VOLUME | 479889.094 | 3743322.524 | 439.03 |
| LOCATION L0000038 | VOLUME | 479889.102 | 3743331.114 | 439.03 |
| LOCATION L0000039 | VOLUME | 479889.111 | 3743339.704 | 439.03 |

```

** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Rider St b/n Redlands Ave and Indian Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00004567
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479877.508, 3743340.588, 439.62, 3.49, 4.00

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** 478273.056, 3743363.748, 447.00, 3.49, 4.00

**

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|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001716 | VOLUME | 479873.213 | 3743340.650 | 439.56 |
| LOCATION | L0001717 | VOLUME | 479864.624 | 3743340.774 | 439.84 |
| LOCATION | L0001718 | VOLUME | 479856.035 | 3743340.898 | 440.00 |
| LOCATION | L0001719 | VOLUME | 479847.446 | 3743341.022 | 440.00 |
| LOCATION | L0001720 | VOLUME | 479838.857 | 3743341.146 | 440.00 |
| LOCATION | L0001721 | VOLUME | 479830.267 | 3743341.270 | 440.00 |
| LOCATION | L0001722 | VOLUME | 479821.678 | 3743341.394 | 440.00 |
| LOCATION | L0001723 | VOLUME | 479813.089 | 3743341.518 | 440.00 |
| LOCATION | L0001724 | VOLUME | 479804.500 | 3743341.642 | 440.00 |
| LOCATION | L0001725 | VOLUME | 479795.911 | 3743341.766 | 440.00 |
| LOCATION | L0001726 | VOLUME | 479787.322 | 3743341.890 | 440.00 |
| LOCATION | L0001727 | VOLUME | 479778.733 | 3743342.014 | 440.00 |
| LOCATION | L0001728 | VOLUME | 479770.144 | 3743342.138 | 440.00 |
| LOCATION | L0001729 | VOLUME | 479761.555 | 3743342.262 | 440.00 |
| LOCATION | L0001730 | VOLUME | 479752.965 | 3743342.386 | 440.00 |
| LOCATION | L0001731 | VOLUME | 479744.376 | 3743342.510 | 440.00 |
| LOCATION | L0001732 | VOLUME | 479735.787 | 3743342.634 | 440.00 |
| LOCATION | L0001733 | VOLUME | 479727.198 | 3743342.758 | 440.00 |
| LOCATION | L0001734 | VOLUME | 479718.609 | 3743342.882 | 440.00 |
| LOCATION | L0001735 | VOLUME | 479710.020 | 3743343.006 | 440.00 |
| LOCATION | L0001736 | VOLUME | 479701.431 | 3743343.130 | 440.00 |
| LOCATION | L0001737 | VOLUME | 479692.842 | 3743343.254 | 440.00 |
| LOCATION | L0001738 | VOLUME | 479684.253 | 3743343.378 | 440.00 |
| LOCATION | L0001739 | VOLUME | 479675.664 | 3743343.502 | 440.00 |
| LOCATION | L0001740 | VOLUME | 479667.074 | 3743343.626 | 440.00 |
| LOCATION | L0001741 | VOLUME | 479658.485 | 3743343.750 | 440.00 |
| LOCATION | L0001742 | VOLUME | 479649.896 | 3743343.874 | 440.00 |
| LOCATION | L0001743 | VOLUME | 479641.307 | 3743343.998 | 440.00 |
| LOCATION | L0001744 | VOLUME | 479632.718 | 3743344.122 | 440.00 |
| LOCATION | L0001745 | VOLUME | 479624.129 | 3743344.246 | 440.00 |
| LOCATION | L0001746 | VOLUME | 479615.540 | 3743344.370 | 440.00 |
| LOCATION | L0001747 | VOLUME | 479606.951 | 3743344.494 | 440.00 |
| LOCATION | L0001748 | VOLUME | 479598.362 | 3743344.618 | 440.00 |
| LOCATION | L0001749 | VOLUME | 479589.772 | 3743344.742 | 440.01 |
| LOCATION | L0001750 | VOLUME | 479581.183 | 3743344.866 | 440.29 |
| LOCATION | L0001751 | VOLUME | 479572.594 | 3743344.990 | 440.58 |
| LOCATION | L0001752 | VOLUME | 479564.005 | 3743345.114 | 440.86 |
| LOCATION | L0001753 | VOLUME | 479555.416 | 3743345.238 | 441.00 |
| LOCATION | L0001754 | VOLUME | 479546.827 | 3743345.362 | 441.00 |
| LOCATION | L0001755 | VOLUME | 479538.238 | 3743345.486 | 441.00 |
| LOCATION | L0001756 | VOLUME | 479529.649 | 3743345.609 | 441.00 |
| LOCATION | L0001757 | VOLUME | 479521.060 | 3743345.733 | 441.00 |
| LOCATION | L0001758 | VOLUME | 479512.471 | 3743345.857 | 441.00 |
| LOCATION | L0001759 | VOLUME | 479503.881 | 3743345.981 | 441.00 |
| LOCATION | L0001760 | VOLUME | 479495.292 | 3743346.105 | 441.00 |
| LOCATION | L0001761 | VOLUME | 479486.703 | 3743346.229 | 441.00 |
| LOCATION | L0001762 | VOLUME | 479478.114 | 3743346.353 | 441.00 |
| LOCATION | L0001763 | VOLUME | 479469.525 | 3743346.477 | 441.00 |
| LOCATION | L0001764 | VOLUME | 479460.936 | 3743346.601 | 441.00 |

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|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001765 | VOLUME | 479452.347 | 3743346.725 | 441.00 |
| LOCATION | L0001766 | VOLUME | 479443.758 | 3743346.849 | 441.00 |
| LOCATION | L0001767 | VOLUME | 479435.169 | 3743346.973 | 441.00 |
| LOCATION | L0001768 | VOLUME | 479426.579 | 3743347.097 | 441.00 |
| LOCATION | L0001769 | VOLUME | 479417.990 | 3743347.221 | 441.00 |
| LOCATION | L0001770 | VOLUME | 479409.401 | 3743347.345 | 441.00 |
| LOCATION | L0001771 | VOLUME | 479400.812 | 3743347.469 | 441.00 |
| LOCATION | L0001772 | VOLUME | 479392.223 | 3743347.593 | 441.00 |
| LOCATION | L0001773 | VOLUME | 479383.634 | 3743347.717 | 441.00 |
| LOCATION | L0001774 | VOLUME | 479375.045 | 3743347.841 | 441.00 |
| LOCATION | L0001775 | VOLUME | 479366.456 | 3743347.965 | 441.00 |
| LOCATION | L0001776 | VOLUME | 479357.867 | 3743348.089 | 441.00 |
| LOCATION | L0001777 | VOLUME | 479349.278 | 3743348.213 | 441.00 |
| LOCATION | L0001778 | VOLUME | 479340.688 | 3743348.337 | 441.00 |
| LOCATION | L0001779 | VOLUME | 479332.099 | 3743348.461 | 441.00 |
| LOCATION | L0001780 | VOLUME | 479323.510 | 3743348.585 | 441.00 |
| LOCATION | L0001781 | VOLUME | 479314.921 | 3743348.709 | 441.17 |
| LOCATION | L0001782 | VOLUME | 479306.332 | 3743348.833 | 441.45 |
| LOCATION | L0001783 | VOLUME | 479297.743 | 3743348.957 | 441.74 |
| LOCATION | L0001784 | VOLUME | 479289.154 | 3743349.081 | 442.00 |
| LOCATION | L0001785 | VOLUME | 479280.565 | 3743349.205 | 442.00 |
| LOCATION | L0001786 | VOLUME | 479271.976 | 3743349.329 | 442.00 |
| LOCATION | L0001787 | VOLUME | 479263.386 | 3743349.453 | 442.00 |
| LOCATION | L0001788 | VOLUME | 479254.797 | 3743349.577 | 442.00 |
| LOCATION | L0001789 | VOLUME | 479246.208 | 3743349.701 | 442.00 |
| LOCATION | L0001790 | VOLUME | 479237.619 | 3743349.825 | 442.00 |
| LOCATION | L0001791 | VOLUME | 479229.030 | 3743349.949 | 442.00 |
| LOCATION | L0001792 | VOLUME | 479220.441 | 3743350.073 | 442.00 |
| LOCATION | L0001793 | VOLUME | 479211.852 | 3743350.197 | 442.00 |
| LOCATION | L0001794 | VOLUME | 479203.263 | 3743350.321 | 442.00 |
| LOCATION | L0001795 | VOLUME | 479194.674 | 3743350.445 | 442.00 |
| LOCATION | L0001796 | VOLUME | 479186.085 | 3743350.569 | 442.00 |
| LOCATION | L0001797 | VOLUME | 479177.495 | 3743350.693 | 442.00 |
| LOCATION | L0001798 | VOLUME | 479168.906 | 3743350.817 | 442.00 |
| LOCATION | L0001799 | VOLUME | 479160.317 | 3743350.941 | 442.00 |
| LOCATION | L0001800 | VOLUME | 479151.728 | 3743351.065 | 442.00 |
| LOCATION | L0001801 | VOLUME | 479143.139 | 3743351.189 | 442.00 |
| LOCATION | L0001802 | VOLUME | 479134.550 | 3743351.313 | 442.00 |
| LOCATION | L0001803 | VOLUME | 479125.961 | 3743351.437 | 442.00 |
| LOCATION | L0001804 | VOLUME | 479117.372 | 3743351.561 | 442.00 |
| LOCATION | L0001805 | VOLUME | 479108.783 | 3743351.685 | 442.00 |
| LOCATION | L0001806 | VOLUME | 479100.193 | 3743351.809 | 442.00 |
| LOCATION | L0001807 | VOLUME | 479091.604 | 3743351.933 | 442.00 |
| LOCATION | L0001808 | VOLUME | 479083.015 | 3743352.057 | 442.00 |
| LOCATION | L0001809 | VOLUME | 479074.426 | 3743352.181 | 442.18 |
| LOCATION | L0001810 | VOLUME | 479065.837 | 3743352.305 | 442.47 |
| LOCATION | L0001811 | VOLUME | 479057.248 | 3743352.429 | 442.76 |
| LOCATION | L0001812 | VOLUME | 479048.659 | 3743352.552 | 443.00 |
| LOCATION | L0001813 | VOLUME | 479040.070 | 3743352.676 | 443.00 |
| LOCATION | L0001814 | VOLUME | 479031.481 | 3743352.800 | 443.00 |
| LOCATION | L0001815 | VOLUME | 479022.892 | 3743352.924 | 443.00 |

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|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001816 | VOLUME | 479014.302 | 3743353.048 | 443.00 |
| LOCATION | L0001817 | VOLUME | 479005.713 | 3743353.172 | 443.00 |
| LOCATION | L0001818 | VOLUME | 478997.124 | 3743353.296 | 443.00 |
| LOCATION | L0001819 | VOLUME | 478988.535 | 3743353.420 | 443.00 |
| LOCATION | L0001820 | VOLUME | 478979.946 | 3743353.544 | 443.00 |
| LOCATION | L0001821 | VOLUME | 478971.357 | 3743353.668 | 443.00 |
| LOCATION | L0001822 | VOLUME | 478962.768 | 3743353.792 | 443.00 |
| LOCATION | L0001823 | VOLUME | 478954.179 | 3743353.916 | 443.18 |
| LOCATION | L0001824 | VOLUME | 478945.590 | 3743354.040 | 443.44 |
| LOCATION | L0001825 | VOLUME | 478937.000 | 3743354.164 | 443.71 |
| LOCATION | L0001826 | VOLUME | 478928.411 | 3743354.288 | 443.94 |
| LOCATION | L0001827 | VOLUME | 478919.822 | 3743354.412 | 443.96 |
| LOCATION | L0001828 | VOLUME | 478911.233 | 3743354.536 | 443.98 |
| LOCATION | L0001829 | VOLUME | 478902.644 | 3743354.660 | 444.00 |
| LOCATION | L0001830 | VOLUME | 478894.055 | 3743354.784 | 444.00 |
| LOCATION | L0001831 | VOLUME | 478885.466 | 3743354.908 | 444.00 |
| LOCATION | L0001832 | VOLUME | 478876.877 | 3743355.032 | 444.00 |
| LOCATION | L0001833 | VOLUME | 478868.288 | 3743355.156 | 444.00 |
| LOCATION | L0001834 | VOLUME | 478859.699 | 3743355.280 | 444.00 |
| LOCATION | L0001835 | VOLUME | 478851.109 | 3743355.404 | 444.00 |
| LOCATION | L0001836 | VOLUME | 478842.520 | 3743355.528 | 444.00 |
| LOCATION | L0001837 | VOLUME | 478833.931 | 3743355.652 | 444.00 |
| LOCATION | L0001838 | VOLUME | 478825.342 | 3743355.776 | 444.00 |
| LOCATION | L0001839 | VOLUME | 478816.753 | 3743355.900 | 444.00 |
| LOCATION | L0001840 | VOLUME | 478808.164 | 3743356.024 | 444.00 |
| LOCATION | L0001841 | VOLUME | 478799.575 | 3743356.148 | 444.00 |
| LOCATION | L0001842 | VOLUME | 478790.986 | 3743356.272 | 444.00 |
| LOCATION | L0001843 | VOLUME | 478782.397 | 3743356.396 | 444.00 |
| LOCATION | L0001844 | VOLUME | 478773.807 | 3743356.520 | 444.20 |
| LOCATION | L0001845 | VOLUME | 478765.218 | 3743356.644 | 444.49 |
| LOCATION | L0001846 | VOLUME | 478756.629 | 3743356.768 | 444.78 |
| LOCATION | L0001847 | VOLUME | 478748.040 | 3743356.892 | 445.00 |
| LOCATION | L0001848 | VOLUME | 478739.451 | 3743357.016 | 445.00 |
| LOCATION | L0001849 | VOLUME | 478730.862 | 3743357.140 | 445.00 |
| LOCATION | L0001850 | VOLUME | 478722.273 | 3743357.264 | 445.00 |
| LOCATION | L0001851 | VOLUME | 478713.684 | 3743357.388 | 445.00 |
| LOCATION | L0001852 | VOLUME | 478705.095 | 3743357.512 | 445.00 |
| LOCATION | L0001853 | VOLUME | 478696.506 | 3743357.636 | 445.00 |
| LOCATION | L0001854 | VOLUME | 478687.916 | 3743357.760 | 445.00 |
| LOCATION | L0001855 | VOLUME | 478679.327 | 3743357.884 | 445.00 |
| LOCATION | L0001856 | VOLUME | 478670.738 | 3743358.008 | 445.00 |
| LOCATION | L0001857 | VOLUME | 478662.149 | 3743358.132 | 445.00 |
| LOCATION | L0001858 | VOLUME | 478653.560 | 3743358.256 | 445.00 |
| LOCATION | L0001859 | VOLUME | 478644.971 | 3743358.380 | 445.00 |
| LOCATION | L0001860 | VOLUME | 478636.382 | 3743358.504 | 445.00 |
| LOCATION | L0001861 | VOLUME | 478627.793 | 3743358.628 | 445.07 |
| LOCATION | L0001862 | VOLUME | 478619.204 | 3743358.752 | 445.36 |
| LOCATION | L0001863 | VOLUME | 478610.614 | 3743358.876 | 445.64 |
| LOCATION | L0001864 | VOLUME | 478602.025 | 3743359.000 | 445.93 |
| LOCATION | L0001865 | VOLUME | 478593.436 | 3743359.124 | 446.00 |
| LOCATION | L0001866 | VOLUME | 478584.847 | 3743359.248 | 446.00 |

| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0001867 | VOLUME | 478576.258 | 3743359.372 | 446.00 | |
| LOCATION L0001868 | VOLUME | 478567.669 | 3743359.495 | 446.00 | |
| LOCATION L0001869 | VOLUME | 478559.080 | 3743359.619 | 446.00 | |
| LOCATION L0001870 | VOLUME | 478550.491 | 3743359.743 | 446.00 | |
| LOCATION L0001871 | VOLUME | 478541.902 | 3743359.867 | 446.00 | |
| LOCATION L0001872 | VOLUME | 478533.313 | 3743359.991 | 446.00 | |
| LOCATION L0001873 | VOLUME | 478524.723 | 3743360.115 | 446.00 | |
| LOCATION L0001874 | VOLUME | 478516.134 | 3743360.239 | 446.00 | |
| LOCATION L0001875 | VOLUME | 478507.545 | 3743360.363 | 446.00 | |
| LOCATION L0001876 | VOLUME | 478498.956 | 3743360.487 | 446.00 | |
| LOCATION L0001877 | VOLUME | 478490.367 | 3743360.611 | 446.00 | |
| LOCATION L0001878 | VOLUME | 478481.778 | 3743360.735 | 446.00 | |
| LOCATION L0001879 | VOLUME | 478473.189 | 3743360.859 | 446.00 | |
| LOCATION L0001880 | VOLUME | 478464.600 | 3743360.983 | 446.00 | |
| LOCATION L0001881 | VOLUME | 478456.011 | 3743361.107 | 446.00 | |
| LOCATION L0001882 | VOLUME | 478447.421 | 3743361.231 | 446.00 | |
| LOCATION L0001883 | VOLUME | 478438.832 | 3743361.355 | 446.00 | |
| LOCATION L0001884 | VOLUME | 478430.243 | 3743361.479 | 446.00 | |
| LOCATION L0001885 | VOLUME | 478421.654 | 3743361.603 | 446.00 | |
| LOCATION L0001886 | VOLUME | 478413.065 | 3743361.727 | 446.00 | |
| LOCATION L0001887 | VOLUME | 478404.476 | 3743361.851 | 446.00 | |
| LOCATION L0001888 | VOLUME | 478395.887 | 3743361.975 | 446.00 | |
| LOCATION L0001889 | VOLUME | 478387.298 | 3743362.099 | 446.00 | |
| LOCATION L0001890 | VOLUME | 478378.709 | 3743362.223 | 446.00 | |
| LOCATION L0001891 | VOLUME | 478370.120 | 3743362.347 | 446.00 | |
| LOCATION L0001892 | VOLUME | 478361.530 | 3743362.471 | 446.00 | |
| LOCATION L0001893 | VOLUME | 478352.941 | 3743362.595 | 446.23 | |
| LOCATION L0001894 | VOLUME | 478344.352 | 3743362.719 | 446.52 | |
| LOCATION L0001895 | VOLUME | 478335.763 | 3743362.843 | 446.80 | |
| LOCATION L0001896 | VOLUME | 478327.174 | 3743362.967 | 447.00 | |
| LOCATION L0001897 | VOLUME | 478318.585 | 3743363.091 | 447.00 | |
| LOCATION L0001898 | VOLUME | 478309.996 | 3743363.215 | 447.00 | |
| LOCATION L0001899 | VOLUME | 478301.407 | 3743363.339 | 447.00 | |
| LOCATION L0001900 | VOLUME | 478292.818 | 3743363.463 | 447.00 | |
| LOCATION L0001901 | VOLUME | 478284.228 | 3743363.587 | 447.00 | |
| LOCATION L0001902 | VOLUME | 478275.639 | 3743363.711 | 447.00 | |

```

** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Indian Ave b/n Rider St and Placentia Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002304
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478273.764, 3743355.843, 447.00, 3.49, 4.00
** 478272.855, 3742555.023, 444.06, 3.49, 4.00
** -----

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| LOCATION | L0001903 | VOLUME | 478273.759 | 3743351.548 | 447.00 |
| LOCATION | L0001904 | VOLUME | 478273.749 | 3743342.958 | 447.00 |
| LOCATION | L0001905 | VOLUME | 478273.739 | 3743334.368 | 447.00 |
| LOCATION | L0001906 | VOLUME | 478273.730 | 3743325.778 | 447.00 |
| LOCATION | L0001907 | VOLUME | 478273.720 | 3743317.188 | 447.00 |
| LOCATION | L0001908 | VOLUME | 478273.710 | 3743308.598 | 447.00 |
| LOCATION | L0001909 | VOLUME | 478273.700 | 3743300.008 | 447.00 |
| LOCATION | L0001910 | VOLUME | 478273.691 | 3743291.418 | 447.00 |
| LOCATION | L0001911 | VOLUME | 478273.681 | 3743282.828 | 447.00 |
| LOCATION | L0001912 | VOLUME | 478273.671 | 3743274.238 | 447.00 |
| LOCATION | L0001913 | VOLUME | 478273.661 | 3743265.648 | 447.00 |
| LOCATION | L0001914 | VOLUME | 478273.652 | 3743257.058 | 447.00 |
| LOCATION | L0001915 | VOLUME | 478273.642 | 3743248.468 | 447.00 |
| LOCATION | L0001916 | VOLUME | 478273.632 | 3743239.878 | 447.00 |
| LOCATION | L0001917 | VOLUME | 478273.622 | 3743231.288 | 446.98 |
| LOCATION | L0001918 | VOLUME | 478273.613 | 3743222.698 | 446.94 |
| LOCATION | L0001919 | VOLUME | 478273.603 | 3743214.108 | 446.91 |
| LOCATION | L0001920 | VOLUME | 478273.593 | 3743205.518 | 446.88 |
| LOCATION | L0001921 | VOLUME | 478273.583 | 3743196.928 | 446.88 |
| LOCATION | L0001922 | VOLUME | 478273.574 | 3743188.338 | 446.88 |
| LOCATION | L0001923 | VOLUME | 478273.564 | 3743179.748 | 446.88 |
| LOCATION | L0001924 | VOLUME | 478273.554 | 3743171.158 | 446.73 |
| LOCATION | L0001925 | VOLUME | 478273.544 | 3743162.568 | 446.48 |
| LOCATION | L0001926 | VOLUME | 478273.535 | 3743153.978 | 446.23 |
| LOCATION | L0001927 | VOLUME | 478273.525 | 3743145.388 | 446.00 |
| LOCATION | L0001928 | VOLUME | 478273.515 | 3743136.798 | 446.00 |
| LOCATION | L0001929 | VOLUME | 478273.505 | 3743128.208 | 446.00 |
| LOCATION | L0001930 | VOLUME | 478273.496 | 3743119.618 | 446.00 |
| LOCATION | L0001931 | VOLUME | 478273.486 | 3743111.028 | 446.00 |
| LOCATION | L0001932 | VOLUME | 478273.476 | 3743102.438 | 446.00 |
| LOCATION | L0001933 | VOLUME | 478273.466 | 3743093.848 | 446.00 |
| LOCATION | L0001934 | VOLUME | 478273.457 | 3743085.258 | 446.00 |
| LOCATION | L0001935 | VOLUME | 478273.447 | 3743076.668 | 446.00 |
| LOCATION | L0001936 | VOLUME | 478273.437 | 3743068.078 | 446.00 |
| LOCATION | L0001937 | VOLUME | 478273.427 | 3743059.488 | 446.00 |
| LOCATION | L0001938 | VOLUME | 478273.418 | 3743050.898 | 446.00 |
| LOCATION | L0001939 | VOLUME | 478273.408 | 3743042.308 | 446.00 |
| LOCATION | L0001940 | VOLUME | 478273.398 | 3743033.718 | 446.00 |
| LOCATION | L0001941 | VOLUME | 478273.388 | 3743025.128 | 446.00 |
| LOCATION | L0001942 | VOLUME | 478273.379 | 3743016.538 | 446.00 |
| LOCATION | L0001943 | VOLUME | 478273.369 | 3743007.948 | 446.00 |
| LOCATION | L0001944 | VOLUME | 478273.359 | 3742999.358 | 446.00 |
| LOCATION | L0001945 | VOLUME | 478273.349 | 3742990.768 | 445.82 |
| LOCATION | L0001946 | VOLUME | 478273.340 | 3742982.178 | 445.53 |
| LOCATION | L0001947 | VOLUME | 478273.330 | 3742973.588 | 445.25 |
| LOCATION | L0001948 | VOLUME | 478273.320 | 3742964.998 | 445.00 |
| LOCATION | L0001949 | VOLUME | 478273.310 | 3742956.408 | 445.00 |
| LOCATION | L0001950 | VOLUME | 478273.301 | 3742947.818 | 445.00 |
| LOCATION | L0001951 | VOLUME | 478273.291 | 3742939.228 | 445.00 |
| LOCATION | L0001952 | VOLUME | 478273.281 | 3742930.638 | 445.00 |
| LOCATION | L0001953 | VOLUME | 478273.271 | 3742922.048 | 445.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0001954 | VOLUME | 478273.262 | 3742913.458 | 445.00 |
| LOCATION | L0001955 | VOLUME | 478273.252 | 3742904.868 | 445.00 |
| LOCATION | L0001956 | VOLUME | 478273.242 | 3742896.278 | 445.00 |
| LOCATION | L0001957 | VOLUME | 478273.232 | 3742887.688 | 445.00 |
| LOCATION | L0001958 | VOLUME | 478273.223 | 3742879.098 | 445.00 |
| LOCATION | L0001959 | VOLUME | 478273.213 | 3742870.508 | 445.00 |
| LOCATION | L0001960 | VOLUME | 478273.203 | 3742861.918 | 445.00 |
| LOCATION | L0001961 | VOLUME | 478273.193 | 3742853.328 | 445.00 |
| LOCATION | L0001962 | VOLUME | 478273.184 | 3742844.738 | 445.00 |
| LOCATION | L0001963 | VOLUME | 478273.174 | 3742836.148 | 445.00 |
| LOCATION | L0001964 | VOLUME | 478273.164 | 3742827.558 | 445.00 |
| LOCATION | L0001965 | VOLUME | 478273.154 | 3742818.968 | 445.00 |
| LOCATION | L0001966 | VOLUME | 478273.145 | 3742810.378 | 445.00 |
| LOCATION | L0001967 | VOLUME | 478273.135 | 3742801.788 | 445.00 |
| LOCATION | L0001968 | VOLUME | 478273.125 | 3742793.198 | 445.00 |
| LOCATION | L0001969 | VOLUME | 478273.115 | 3742784.608 | 444.99 |
| LOCATION | L0001970 | VOLUME | 478273.106 | 3742776.018 | 444.96 |
| LOCATION | L0001971 | VOLUME | 478273.096 | 3742767.428 | 444.93 |
| LOCATION | L0001972 | VOLUME | 478273.086 | 3742758.838 | 444.90 |
| LOCATION | L0001973 | VOLUME | 478273.076 | 3742750.248 | 444.89 |
| LOCATION | L0001974 | VOLUME | 478273.067 | 3742741.659 | 444.89 |
| LOCATION | L0001975 | VOLUME | 478273.057 | 3742733.069 | 444.89 |
| LOCATION | L0001976 | VOLUME | 478273.047 | 3742724.479 | 444.90 |
| LOCATION | L0001977 | VOLUME | 478273.038 | 3742715.889 | 444.90 |
| LOCATION | L0001978 | VOLUME | 478273.028 | 3742707.299 | 444.90 |
| LOCATION | L0001979 | VOLUME | 478273.018 | 3742698.709 | 444.90 |
| LOCATION | L0001980 | VOLUME | 478273.008 | 3742690.119 | 444.90 |
| LOCATION | L0001981 | VOLUME | 478272.999 | 3742681.529 | 444.90 |
| LOCATION | L0001982 | VOLUME | 478272.989 | 3742672.939 | 444.90 |
| LOCATION | L0001983 | VOLUME | 478272.979 | 3742664.349 | 444.84 |
| LOCATION | L0001984 | VOLUME | 478272.969 | 3742655.759 | 444.59 |
| LOCATION | L0001985 | VOLUME | 478272.960 | 3742647.169 | 444.33 |
| LOCATION | L0001986 | VOLUME | 478272.950 | 3742638.579 | 444.07 |
| LOCATION | L0001987 | VOLUME | 478272.940 | 3742629.989 | 444.00 |
| LOCATION | L0001988 | VOLUME | 478272.930 | 3742621.399 | 444.00 |
| LOCATION | L0001989 | VOLUME | 478272.921 | 3742612.809 | 444.00 |
| LOCATION | L0001990 | VOLUME | 478272.911 | 3742604.219 | 444.00 |
| LOCATION | L0001991 | VOLUME | 478272.901 | 3742595.629 | 444.00 |
| LOCATION | L0001992 | VOLUME | 478272.891 | 3742587.039 | 444.00 |
| LOCATION | L0001993 | VOLUME | 478272.882 | 3742578.449 | 444.00 |
| LOCATION | L0001994 | VOLUME | 478272.872 | 3742569.859 | 444.00 |
| LOCATION | L0001995 | VOLUME | 478272.862 | 3742561.269 | 444.00 |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Placentia Ave b/n Indian Ave and I-215 Ramps

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001647

```

** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478272.866, 3742551.384, 444.03, 3.49, 4.00
** 477700.489, 3742567.347, 450.94, 3.49, 4.00
** -----
LOCATION L0001996    VOLUME  478268.572 3742551.503 444.04
LOCATION L0001997    VOLUME  478259.986 3742551.743 444.33
LOCATION L0001998    VOLUME  478251.399 3742551.982 444.62
LOCATION L0001999    VOLUME  478242.812 3742552.222 444.90
LOCATION L0002000    VOLUME  478234.226 3742552.461 445.00
LOCATION L0002001    VOLUME  478225.639 3742552.701 445.00
LOCATION L0002002    VOLUME  478217.052 3742552.940 445.00
LOCATION L0002003    VOLUME  478208.466 3742553.180 445.00
LOCATION L0002004    VOLUME  478199.879 3742553.419 445.00
LOCATION L0002005    VOLUME  478191.292 3742553.659 445.00
LOCATION L0002006    VOLUME  478182.706 3742553.898 445.00
LOCATION L0002007    VOLUME  478174.119 3742554.138 445.00
LOCATION L0002008    VOLUME  478165.532 3742554.377 445.00
LOCATION L0002009    VOLUME  478156.946 3742554.617 445.00
LOCATION L0002010    VOLUME  478148.359 3742554.856 445.05
LOCATION L0002011    VOLUME  478139.772 3742555.096 445.34
LOCATION L0002012    VOLUME  478131.186 3742555.335 445.62
LOCATION L0002013    VOLUME  478122.599 3742555.575 445.91
LOCATION L0002014    VOLUME  478114.012 3742555.814 446.00
LOCATION L0002015    VOLUME  478105.426 3742556.054 446.00
LOCATION L0002016    VOLUME  478096.839 3742556.293 446.00
LOCATION L0002017    VOLUME  478088.252 3742556.532 446.00
LOCATION L0002018    VOLUME  478079.666 3742556.772 446.00
LOCATION L0002019    VOLUME  478071.079 3742557.011 446.00
LOCATION L0002020    VOLUME  478062.492 3742557.251 446.00
LOCATION L0002021    VOLUME  478053.906 3742557.490 446.20
LOCATION L0002022    VOLUME  478045.319 3742557.730 446.49
LOCATION L0002023    VOLUME  478036.732 3742557.969 446.77
LOCATION L0002024    VOLUME  478028.146 3742558.209 447.00
LOCATION L0002025    VOLUME  478019.559 3742558.448 447.00
LOCATION L0002026    VOLUME  478010.972 3742558.688 447.00
LOCATION L0002027    VOLUME  478002.386 3742558.927 447.00
LOCATION L0002028    VOLUME  477993.799 3742559.167 447.00
LOCATION L0002029    VOLUME  477985.212 3742559.406 447.00
LOCATION L0002030    VOLUME  477976.626 3742559.646 447.00
LOCATION L0002031    VOLUME  477968.039 3742559.885 447.06
LOCATION L0002032    VOLUME  477959.452 3742560.125 447.35
LOCATION L0002033    VOLUME  477950.866 3742560.364 447.63
LOCATION L0002034    VOLUME  477942.279 3742560.604 447.92
LOCATION L0002035    VOLUME  477933.693 3742560.843 448.00
LOCATION L0002036    VOLUME  477925.106 3742561.083 448.00
LOCATION L0002037    VOLUME  477916.519 3742561.322 448.00
LOCATION L0002038    VOLUME  477907.933 3742561.562 448.00
LOCATION L0002039    VOLUME  477899.346 3742561.801 448.00
LOCATION L0002040    VOLUME  477890.759 3742562.041 448.00

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| LOCATION | VOLUME | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002041 | VOLUME | 477882.173 | 3742562.280 | 448.00 |
| LOCATION L0002042 | VOLUME | 477873.586 | 3742562.520 | 448.10 |
| LOCATION L0002043 | VOLUME | 477864.999 | 3742562.759 | 448.22 |
| LOCATION L0002044 | VOLUME | 477856.413 | 3742562.999 | 448.34 |
| LOCATION L0002045 | VOLUME | 477847.826 | 3742563.238 | 448.47 |
| LOCATION L0002046 | VOLUME | 477839.239 | 3742563.478 | 448.63 |
| LOCATION L0002047 | VOLUME | 477830.653 | 3742563.717 | 448.79 |
| LOCATION L0002048 | VOLUME | 477822.066 | 3742563.956 | 448.96 |
| LOCATION L0002049 | VOLUME | 477813.479 | 3742564.196 | 449.09 |
| LOCATION L0002050 | VOLUME | 477804.893 | 3742564.435 | 449.20 |
| LOCATION L0002051 | VOLUME | 477796.306 | 3742564.675 | 449.30 |
| LOCATION L0002052 | VOLUME | 477787.719 | 3742564.914 | 449.42 |
| LOCATION L0002053 | VOLUME | 477779.133 | 3742565.154 | 449.59 |
| LOCATION L0002054 | VOLUME | 477770.546 | 3742565.393 | 449.77 |
| LOCATION L0002055 | VOLUME | 477761.959 | 3742565.633 | 449.96 |
| LOCATION L0002056 | VOLUME | 477753.373 | 3742565.872 | 450.00 |
| LOCATION L0002057 | VOLUME | 477744.786 | 3742566.112 | 450.00 |
| LOCATION L0002058 | VOLUME | 477736.199 | 3742566.351 | 450.00 |
| LOCATION L0002059 | VOLUME | 477727.613 | 3742566.591 | 450.08 |
| LOCATION L0002060 | VOLUME | 477719.026 | 3742566.830 | 450.36 |
| LOCATION L0002061 | VOLUME | 477710.439 | 3742567.070 | 450.65 |
| LOCATION L0002062 | VOLUME | 477701.853 | 3742567.309 | 450.93 |

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC On-site Drive Aisle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0000353

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 479896.687, 3743011.429, 439.00, 3.49, 4.00

** 480074.817, 3743012.641, 439.00, 3.49, 4.00

** 480078.452, 3743327.701, 439.00, 3.49, 4.00

** -----

| | | | | |
|-------------------|--------|------------|-------------|--------|
| LOCATION L0002063 | VOLUME | 479900.982 | 3743011.459 | 439.00 |
| LOCATION L0002064 | VOLUME | 479909.571 | 3743011.517 | 439.00 |
| LOCATION L0002065 | VOLUME | 479918.161 | 3743011.575 | 439.00 |
| LOCATION L0002066 | VOLUME | 479926.751 | 3743011.634 | 439.00 |
| LOCATION L0002067 | VOLUME | 479935.341 | 3743011.692 | 439.00 |
| LOCATION L0002068 | VOLUME | 479943.931 | 3743011.751 | 439.00 |
| LOCATION L0002069 | VOLUME | 479952.520 | 3743011.809 | 439.00 |
| LOCATION L0002070 | VOLUME | 479961.110 | 3743011.868 | 439.00 |
| LOCATION L0002071 | VOLUME | 479969.700 | 3743011.926 | 439.00 |
| LOCATION L0002072 | VOLUME | 479978.290 | 3743011.984 | 439.00 |
| LOCATION L0002073 | VOLUME | 479986.880 | 3743012.043 | 439.00 |
| LOCATION L0002074 | VOLUME | 479995.469 | 3743012.101 | 439.00 |
| LOCATION L0002075 | VOLUME | 480004.059 | 3743012.160 | 439.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002076 | VOLUME | 480012.649 | 3743012.218 | 439.00 |
| LOCATION | L0002077 | VOLUME | 480021.239 | 3743012.277 | 439.00 |
| LOCATION | L0002078 | VOLUME | 480029.829 | 3743012.335 | 439.00 |
| LOCATION | L0002079 | VOLUME | 480038.418 | 3743012.394 | 439.00 |
| LOCATION | L0002080 | VOLUME | 480047.008 | 3743012.452 | 439.00 |
| LOCATION | L0002081 | VOLUME | 480055.598 | 3743012.510 | 439.00 |
| LOCATION | L0002082 | VOLUME | 480064.188 | 3743012.569 | 439.00 |
| LOCATION | L0002083 | VOLUME | 480072.778 | 3743012.627 | 439.00 |
| LOCATION | L0002084 | VOLUME | 480074.892 | 3743019.192 | 439.00 |
| LOCATION | L0002085 | VOLUME | 480074.991 | 3743027.781 | 439.00 |
| LOCATION | L0002086 | VOLUME | 480075.090 | 3743036.370 | 439.00 |
| LOCATION | L0002087 | VOLUME | 480075.190 | 3743044.960 | 439.00 |
| LOCATION | L0002088 | VOLUME | 480075.289 | 3743053.549 | 439.00 |
| LOCATION | L0002089 | VOLUME | 480075.388 | 3743062.139 | 439.00 |
| LOCATION | L0002090 | VOLUME | 480075.487 | 3743070.728 | 439.00 |
| LOCATION | L0002091 | VOLUME | 480075.586 | 3743079.318 | 439.00 |
| LOCATION | L0002092 | VOLUME | 480075.685 | 3743087.907 | 439.00 |
| LOCATION | L0002093 | VOLUME | 480075.784 | 3743096.496 | 439.00 |
| LOCATION | L0002094 | VOLUME | 480075.883 | 3743105.086 | 439.00 |
| LOCATION | L0002095 | VOLUME | 480075.982 | 3743113.675 | 439.00 |
| LOCATION | L0002096 | VOLUME | 480076.082 | 3743122.265 | 439.00 |
| LOCATION | L0002097 | VOLUME | 480076.181 | 3743130.854 | 439.00 |
| LOCATION | L0002098 | VOLUME | 480076.280 | 3743139.444 | 439.00 |
| LOCATION | L0002099 | VOLUME | 480076.379 | 3743148.033 | 439.00 |
| LOCATION | L0002100 | VOLUME | 480076.478 | 3743156.622 | 439.00 |
| LOCATION | L0002101 | VOLUME | 480076.577 | 3743165.212 | 439.00 |
| LOCATION | L0002102 | VOLUME | 480076.676 | 3743173.801 | 439.00 |
| LOCATION | L0002103 | VOLUME | 480076.775 | 3743182.391 | 439.00 |
| LOCATION | L0002104 | VOLUME | 480076.874 | 3743190.980 | 439.00 |
| LOCATION | L0002105 | VOLUME | 480076.974 | 3743199.570 | 439.00 |
| LOCATION | L0002106 | VOLUME | 480077.073 | 3743208.159 | 439.00 |
| LOCATION | L0002107 | VOLUME | 480077.172 | 3743216.748 | 439.00 |
| LOCATION | L0002108 | VOLUME | 480077.271 | 3743225.338 | 439.00 |
| LOCATION | L0002109 | VOLUME | 480077.370 | 3743233.927 | 439.00 |
| LOCATION | L0002110 | VOLUME | 480077.469 | 3743242.517 | 439.00 |
| LOCATION | L0002111 | VOLUME | 480077.568 | 3743251.106 | 439.00 |
| LOCATION | L0002112 | VOLUME | 480077.667 | 3743259.696 | 439.00 |
| LOCATION | L0002113 | VOLUME | 480077.766 | 3743268.285 | 439.00 |
| LOCATION | L0002114 | VOLUME | 480077.866 | 3743276.874 | 439.00 |
| LOCATION | L0002115 | VOLUME | 480077.965 | 3743285.464 | 439.00 |
| LOCATION | L0002116 | VOLUME | 480078.064 | 3743294.053 | 439.00 |
| LOCATION | L0002117 | VOLUME | 480078.163 | 3743302.643 | 439.00 |
| LOCATION | L0002118 | VOLUME | 480078.262 | 3743311.232 | 439.00 |
| LOCATION | L0002119 | VOLUME | 480078.361 | 3743319.822 | 439.00 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Loading Area

** PREFIX

** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00002996
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480052.657, 3743068.840, 439.00, 3.49, 4.00
** 480054.778, 3743260.316, 439.00, 3.49, 4.00
** -----
LOCATION L0002120      VOLUME  480052.705 3743073.135 439.00
LOCATION L0002121      VOLUME  480052.800 3743081.724 439.00
LOCATION L0002122      VOLUME  480052.895 3743090.314 439.00
LOCATION L0002123      VOLUME  480052.990 3743098.903 439.00
LOCATION L0002124      VOLUME  480053.085 3743107.493 439.00
LOCATION L0002125      VOLUME  480053.180 3743116.082 439.00
LOCATION L0002126      VOLUME  480053.275 3743124.672 439.00
LOCATION L0002127      VOLUME  480053.371 3743133.261 439.00
LOCATION L0002128      VOLUME  480053.466 3743141.851 439.00
LOCATION L0002129      VOLUME  480053.561 3743150.440 439.00
LOCATION L0002130      VOLUME  480053.656 3743159.030 439.00
LOCATION L0002131      VOLUME  480053.751 3743167.619 439.00
LOCATION L0002132      VOLUME  480053.846 3743176.209 439.00
LOCATION L0002133      VOLUME  480053.941 3743184.798 439.00
LOCATION L0002134      VOLUME  480054.037 3743193.388 439.00
LOCATION L0002135      VOLUME  480054.132 3743201.977 439.00
LOCATION L0002136      VOLUME  480054.227 3743210.567 439.00
LOCATION L0002137      VOLUME  480054.322 3743219.156 439.00
LOCATION L0002138      VOLUME  480054.417 3743227.745 439.00
LOCATION L0002139      VOLUME  480054.512 3743236.335 439.00
LOCATION L0002140      VOLUME  480054.607 3743244.924 439.00
LOCATION L0002141      VOLUME  480054.703 3743253.514 439.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
SRCPARAM L0000001    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000002    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000003    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000004    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000005    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000006    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000007    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000008    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000009    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000010    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000011    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000012    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000013    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000014    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000015    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000016    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000017    0.0000003856    3.49    4.00    3.25
SRCPARAM L0000018    0.0000003856    3.49    4.00    3.25

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| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0000019 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000020 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000021 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000022 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000023 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000024 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000025 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000026 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000027 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000028 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000029 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000030 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000031 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000032 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000033 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000034 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000035 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000036 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000037 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000038 | 0.0000003856 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0000039 | 0.0000003856 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE2

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001716 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001717 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001718 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001719 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001720 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001721 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001722 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001723 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001724 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001725 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001726 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001727 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001728 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001729 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001730 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001731 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001732 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001733 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001734 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001735 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001736 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001737 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001738 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001739 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001740 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001741 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001742 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001743 | 0.0000002442 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001897 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001898 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001899 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001900 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001901 | 0.0000002442 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001902 | 0.0000002442 | 3.49 | 4.00 | 3.25 |

** -----

** LINE VOLUME Source ID = SLINE3

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001903 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001904 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001905 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001906 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001907 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001908 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001909 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001910 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001911 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001912 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001913 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001914 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001915 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001916 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001917 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001918 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001919 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001920 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001921 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001922 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001923 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001924 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001925 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001926 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001927 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001928 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001929 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001930 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001931 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001932 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001933 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001934 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001935 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001936 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001937 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001938 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001939 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001940 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001941 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001942 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001943 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001944 | 0.0000002477 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001945 | 0.0000002477 | 3.49 | 4.00 | 3.25 |

** LINE VOLUME Source ID = SLINE4

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0001996 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001997 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001998 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001999 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002000 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002001 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002002 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002003 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002004 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002005 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002006 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002007 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002008 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002009 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002010 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002011 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002012 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002013 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002014 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002015 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002016 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002017 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002018 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002019 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002020 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002021 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002022 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002023 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002024 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002025 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002026 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002027 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002028 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002029 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002030 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002031 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002032 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002033 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002034 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002035 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002036 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002037 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002038 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002039 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002040 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002041 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002042 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002043 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002044 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002045 | 0.0000002458 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002046 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002047 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002048 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002049 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002050 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002051 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002052 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002053 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002054 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002055 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002056 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002057 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002058 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002059 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002060 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002061 | 0.0000002458 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002062 | 0.0000002458 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINES

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002063 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002064 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002065 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002066 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002067 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002068 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002069 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002070 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002071 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002072 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002073 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002074 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002075 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002076 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002077 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002078 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002079 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002080 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002081 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002082 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002083 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002084 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002085 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002086 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002087 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002088 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002089 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002090 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002091 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002092 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002093 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002094 | 0.0000006193 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002095 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002096 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002097 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002098 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002099 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002100 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002101 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002102 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002103 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002104 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002105 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002106 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002107 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002108 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002109 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002110 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002111 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002112 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002113 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002114 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002115 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002116 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002117 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002118 | 0.0000006193 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002119 | 0.0000006193 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE6

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0002120 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002121 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002122 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002123 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002124 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002125 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002126 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002127 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002128 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002129 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002130 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002131 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002132 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002133 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002134 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002135 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002136 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002137 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002138 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002139 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002140 | 0.000001362 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002141 | 0.000001362 | 3.49 | 4.00 | 3.25 |

**

URBANSRC ALL

```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED ProjectAB1Mit.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PERI_v9.SFC
  PROFFILE PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL PROJECTAB1MIT.AD\PE00GALL.PLT 31
  SUMMFILE ProjectAB1Mit.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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
PAGE 1

*** MODELOPTs: RegDEFAULT 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 465 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. 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: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 465 Source(s); 1 Source Group(s); and 2761 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 465 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 0 line(s)

**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 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 = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: ProjectAB1Mit.err
**File for Summary of Results: ProjectAB1Mit.sum

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0001717 | 0 | 0.24420E-06 | 479864.6 | 3743340.8 | 439.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0001718 | 0 | 0.24420E-06 | 479856.0 | 3743340.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001719 | 0 | 0.24420E-06 | 479847.4 | 3743341.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001720 | 0 | 0.24420E-06 | 479838.9 | 3743341.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001721 | 0 | 0.24420E-06 | 479830.3 | 3743341.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001722 | 0 | 0.24420E-06 | 479821.7 | 3743341.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001723 | 0 | 0.24420E-06 | 479813.1 | 3743341.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001724 | 0 | 0.24420E-06 | 479804.5 | 3743341.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001725 | 0 | 0.24420E-06 | 479795.9 | 3743341.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001726 | 0 | 0.24420E-06 | 479787.3 | 3743341.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001727 | 0 | 0.24420E-06 | 479778.7 | 3743342.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001728 | 0 | 0.24420E-06 | 479770.1 | 3743342.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001729 | 0 | 0.24420E-06 | 479761.6 | 3743342.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001730 | 0 | 0.24420E-06 | 479753.0 | 3743342.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001731 | 0 | 0.24420E-06 | 479744.4 | 3743342.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001732 | 0 | 0.24420E-06 | 479735.8 | 3743342.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001733 | 0 | 0.24420E-06 | 479727.2 | 3743342.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001734 | 0 | 0.24420E-06 | 479718.6 | 3743342.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001735 | 0 | 0.24420E-06 | 479710.0 | 3743343.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001736 | 0 | 0.24420E-06 | 479701.4 | 3743343.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001737 | 0 | 0.24420E-06 | 479692.8 | 3743343.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001738 | 0 | 0.24420E-06 | 479684.3 | 3743343.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001739 | 0 | 0.24420E-06 | 479675.7 | 3743343.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001740 | 0 | 0.24420E-06 | 479667.1 | 3743343.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001741 | 0 | 0.24420E-06 | 479658.5 | 3743343.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001742 | 0 | 0.24420E-06 | 479649.9 | 3743343.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001743 | 0 | 0.24420E-06 | 479641.3 | 3743344.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001744 | 0 | 0.24420E-06 | 479632.7 | 3743344.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001745 | 0 | 0.24420E-06 | 479624.1 | 3743344.2 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001746 | 0 | 0.24420E-06 | 479615.5 | 3743344.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001747 | 0 | 0.24420E-06 | 479607.0 | 3743344.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001748 | 0 | 0.24420E-06 | 479598.4 | 3743344.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001749 | 0 | 0.24420E-06 | 479589.8 | 3743344.7 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001750 | 0 | 0.24420E-06 | 479581.2 | 3743344.9 | 440.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0001751 | 0 | 0.24420E-06 | 479572.6 | 3743345.0 | 440.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0001752 | 0 | 0.24420E-06 | 479564.0 | 3743345.1 | 440.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001753 | 0 | 0.24420E-06 | 479555.4 | 3743345.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001754 | 0 | 0.24420E-06 | 479546.8 | 3743345.4 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001755 | 0 | 0.24420E-06 | 479538.2 | 3743345.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001756 | 0 | 0.24420E-06 | 479529.6 | 3743345.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0001757 | 0 | 0.24420E-06 | 479521.1 | 3743345.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001758 | 0 | 0.24420E-06 | 479512.5 | 3743345.9 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001759 | 0 | 0.24420E-06 | 479503.9 | 3743346.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001760 | 0 | 0.24420E-06 | 479495.3 | 3743346.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001761 | 0 | 0.24420E-06 | 479486.7 | 3743346.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001762 | 0 | 0.24420E-06 | 479478.1 | 3743346.4 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001763 | 0 | 0.24420E-06 | 479469.5 | 3743346.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001764 | 0 | 0.24420E-06 | 479460.9 | 3743346.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001765 | 0 | 0.24420E-06 | 479452.3 | 3743346.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001766 | 0 | 0.24420E-06 | 479443.8 | 3743346.8 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001767 | 0 | 0.24420E-06 | 479435.2 | 3743347.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001768 | 0 | 0.24420E-06 | 479426.6 | 3743347.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001769 | 0 | 0.24420E-06 | 479418.0 | 3743347.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001770 | 0 | 0.24420E-06 | 479409.4 | 3743347.3 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001771 | 0 | 0.24420E-06 | 479400.8 | 3743347.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001772 | 0 | 0.24420E-06 | 479392.2 | 3743347.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001773 | 0 | 0.24420E-06 | 479383.6 | 3743347.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001774 | 0 | 0.24420E-06 | 479375.0 | 3743347.8 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001775 | 0 | 0.24420E-06 | 479366.5 | 3743348.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001776 | 0 | 0.24420E-06 | 479357.9 | 3743348.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001777 | 0 | 0.24420E-06 | 479349.3 | 3743348.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001778 | 0 | 0.24420E-06 | 479340.7 | 3743348.3 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001779 | 0 | 0.24420E-06 | 479332.1 | 3743348.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001780 | 0 | 0.24420E-06 | 479323.5 | 3743348.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001781 | 0 | 0.24420E-06 | 479314.9 | 3743348.7 | 441.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0001782 | 0 | 0.24420E-06 | 479306.3 | 3743348.8 | 441.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0001783 | 0 | 0.24420E-06 | 479297.7 | 3743349.0 | 441.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0001784 | 0 | 0.24420E-06 | 479289.2 | 3743349.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001785 | 0 | 0.24420E-06 | 479280.6 | 3743349.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001786 | 0 | 0.24420E-06 | 479272.0 | 3743349.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001787 | 0 | 0.24420E-06 | 479263.4 | 3743349.5 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001788 | 0 | 0.24420E-06 | 479254.8 | 3743349.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001789 | 0 | 0.24420E-06 | 479246.2 | 3743349.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001790 | 0 | 0.24420E-06 | 479237.6 | 3743349.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001791 | 0 | 0.24420E-06 | 479229.0 | 3743349.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001792 | 0 | 0.24420E-06 | 479220.4 | 3743350.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001793 | 0 | 0.24420E-06 | 479211.9 | 3743350.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001794 | 0 | 0.24420E-06 | 479203.3 | 3743350.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001795 | 0 | 0.24420E-06 | 479194.7 | 3743350.4 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001796 | 0 | 0.24420E-06 | 479186.1 | 3743350.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0001797 | 0 | 0.24420E-06 | 479177.5 | 3743350.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001798 | 0 | 0.24420E-06 | 479168.9 | 3743350.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001799 | 0 | 0.24420E-06 | 479160.3 | 3743350.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001800 | 0 | 0.24420E-06 | 479151.7 | 3743351.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001801 | 0 | 0.24420E-06 | 479143.1 | 3743351.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001802 | 0 | 0.24420E-06 | 479134.5 | 3743351.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001803 | 0 | 0.24420E-06 | 479126.0 | 3743351.4 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001804 | 0 | 0.24420E-06 | 479117.4 | 3743351.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001805 | 0 | 0.24420E-06 | 479108.8 | 3743351.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001806 | 0 | 0.24420E-06 | 479100.2 | 3743351.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001807 | 0 | 0.24420E-06 | 479091.6 | 3743351.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001808 | 0 | 0.24420E-06 | 479083.0 | 3743352.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001809 | 0 | 0.24420E-06 | 479074.4 | 3743352.2 | 442.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0001810 | 0 | 0.24420E-06 | 479065.8 | 3743352.3 | 442.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0001811 | 0 | 0.24420E-06 | 479057.2 | 3743352.4 | 442.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0001812 | 0 | 0.24420E-06 | 479048.7 | 3743352.6 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001813 | 0 | 0.24420E-06 | 479040.1 | 3743352.7 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001814 | 0 | 0.24420E-06 | 479031.5 | 3743352.8 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001815 | 0 | 0.24420E-06 | 479022.9 | 3743352.9 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001816 | 0 | 0.24420E-06 | 479014.3 | 3743353.0 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001817 | 0 | 0.24420E-06 | 479005.7 | 3743353.2 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001818 | 0 | 0.24420E-06 | 478997.1 | 3743353.3 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001819 | 0 | 0.24420E-06 | 478988.5 | 3743353.4 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001820 | 0 | 0.24420E-06 | 478979.9 | 3743353.5 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001821 | 0 | 0.24420E-06 | 478971.4 | 3743353.7 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001822 | 0 | 0.24420E-06 | 478962.8 | 3743353.8 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001823 | 0 | 0.24420E-06 | 478954.2 | 3743353.9 | 443.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0001824 | 0 | 0.24420E-06 | 478945.6 | 3743354.0 | 443.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0001825 | 0 | 0.24420E-06 | 478937.0 | 3743354.2 | 443.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0001826 | 0 | 0.24420E-06 | 478928.4 | 3743354.3 | 443.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001827 | 0 | 0.24420E-06 | 478919.8 | 3743354.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001828 | 0 | 0.24420E-06 | 478911.2 | 3743354.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001829 | 0 | 0.24420E-06 | 478902.6 | 3743354.7 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001830 | 0 | 0.24420E-06 | 478894.1 | 3743354.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001831 | 0 | 0.24420E-06 | 478885.5 | 3743354.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001832 | 0 | 0.24420E-06 | 478876.9 | 3743355.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001833 | 0 | 0.24420E-06 | 478868.3 | 3743355.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001834 | 0 | 0.24420E-06 | 478859.7 | 3743355.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001835 | 0 | 0.24420E-06 | 478851.1 | 3743355.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001836 | 0 | 0.24420E-06 | 478842.5 | 3743355.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0001837 | 0 | 0.24420E-06 | 478833.9 | 3743355.7 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001838 | 0 | 0.24420E-06 | 478825.3 | 3743355.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001839 | 0 | 0.24420E-06 | 478816.8 | 3743355.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001840 | 0 | 0.24420E-06 | 478808.2 | 3743356.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001841 | 0 | 0.24420E-06 | 478799.6 | 3743356.1 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001842 | 0 | 0.24420E-06 | 478791.0 | 3743356.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001843 | 0 | 0.24420E-06 | 478782.4 | 3743356.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001844 | 0 | 0.24420E-06 | 478773.8 | 3743356.5 | 444.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0001845 | 0 | 0.24420E-06 | 478765.2 | 3743356.6 | 444.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0001846 | 0 | 0.24420E-06 | 478756.6 | 3743356.8 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0001847 | 0 | 0.24420E-06 | 478748.0 | 3743356.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001848 | 0 | 0.24420E-06 | 478739.5 | 3743357.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001849 | 0 | 0.24420E-06 | 478730.9 | 3743357.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001850 | 0 | 0.24420E-06 | 478722.3 | 3743357.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001851 | 0 | 0.24420E-06 | 478713.7 | 3743357.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001852 | 0 | 0.24420E-06 | 478705.1 | 3743357.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001853 | 0 | 0.24420E-06 | 478696.5 | 3743357.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001854 | 0 | 0.24420E-06 | 478687.9 | 3743357.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001855 | 0 | 0.24420E-06 | 478679.3 | 3743357.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001856 | 0 | 0.24420E-06 | 478670.7 | 3743358.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001857 | 0 | 0.24420E-06 | 478662.1 | 3743358.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001858 | 0 | 0.24420E-06 | 478653.6 | 3743358.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001859 | 0 | 0.24420E-06 | 478645.0 | 3743358.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001860 | 0 | 0.24420E-06 | 478636.4 | 3743358.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001861 | 0 | 0.24420E-06 | 478627.8 | 3743358.6 | 445.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0001862 | 0 | 0.24420E-06 | 478619.2 | 3743358.8 | 445.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0001863 | 0 | 0.24420E-06 | 478610.6 | 3743358.9 | 445.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0001864 | 0 | 0.24420E-06 | 478602.0 | 3743359.0 | 445.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001865 | 0 | 0.24420E-06 | 478593.4 | 3743359.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001866 | 0 | 0.24420E-06 | 478584.8 | 3743359.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001867 | 0 | 0.24420E-06 | 478576.3 | 3743359.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001868 | 0 | 0.24420E-06 | 478567.7 | 3743359.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001869 | 0 | 0.24420E-06 | 478559.1 | 3743359.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001870 | 0 | 0.24420E-06 | 478550.5 | 3743359.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001871 | 0 | 0.24420E-06 | 478541.9 | 3743359.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001872 | 0 | 0.24420E-06 | 478533.3 | 3743360.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001873 | 0 | 0.24420E-06 | 478524.7 | 3743360.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001874 | 0 | 0.24420E-06 | 478516.1 | 3743360.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001875 | 0 | 0.24420E-06 | 478507.5 | 3743360.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001876 | 0 | 0.24420E-06 | 478499.0 | 3743360.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 7

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE | |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|---------------|---------|
| | | | | | | | | | | SCALAR | VARY BY |
| L0001877 | 0 | 0.24420E-06 | 478490.4 | 3743360.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001878 | 0 | 0.24420E-06 | 478481.8 | 3743360.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001879 | 0 | 0.24420E-06 | 478473.2 | 3743360.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001880 | 0 | 0.24420E-06 | 478464.6 | 3743361.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001881 | 0 | 0.24420E-06 | 478456.0 | 3743361.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001882 | 0 | 0.24420E-06 | 478447.4 | 3743361.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001883 | 0 | 0.24420E-06 | 478438.8 | 3743361.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001884 | 0 | 0.24420E-06 | 478430.2 | 3743361.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001885 | 0 | 0.24420E-06 | 478421.7 | 3743361.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001886 | 0 | 0.24420E-06 | 478413.1 | 3743361.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001887 | 0 | 0.24420E-06 | 478404.5 | 3743361.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001888 | 0 | 0.24420E-06 | 478395.9 | 3743362.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001889 | 0 | 0.24420E-06 | 478387.3 | 3743362.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001890 | 0 | 0.24420E-06 | 478378.7 | 3743362.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001891 | 0 | 0.24420E-06 | 478370.1 | 3743362.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001892 | 0 | 0.24420E-06 | 478361.5 | 3743362.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001893 | 0 | 0.24420E-06 | 478352.9 | 3743362.6 | 446.2 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001894 | 0 | 0.24420E-06 | 478344.4 | 3743362.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001895 | 0 | 0.24420E-06 | 478335.8 | 3743362.8 | 446.8 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001896 | 0 | 0.24420E-06 | 478327.2 | 3743363.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001897 | 0 | 0.24420E-06 | 478318.6 | 3743363.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001898 | 0 | 0.24420E-06 | 478310.0 | 3743363.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001899 | 0 | 0.24420E-06 | 478301.4 | 3743363.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001900 | 0 | 0.24420E-06 | 478292.8 | 3743363.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001901 | 0 | 0.24420E-06 | 478284.2 | 3743363.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001902 | 0 | 0.24420E-06 | 478275.6 | 3743363.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001903 | 0 | 0.24770E-06 | 478273.8 | 3743351.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001904 | 0 | 0.24770E-06 | 478273.7 | 3743343.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001905 | 0 | 0.24770E-06 | 478273.7 | 3743334.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001906 | 0 | 0.24770E-06 | 478273.7 | 3743325.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001907 | 0 | 0.24770E-06 | 478273.7 | 3743317.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001908 | 0 | 0.24770E-06 | 478273.7 | 3743308.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001909 | 0 | 0.24770E-06 | 478273.7 | 3743300.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001910 | 0 | 0.24770E-06 | 478273.7 | 3743291.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001911 | 0 | 0.24770E-06 | 478273.7 | 3743282.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001912 | 0 | 0.24770E-06 | 478273.7 | 3743274.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001913 | 0 | 0.24770E-06 | 478273.7 | 3743265.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001914 | 0 | 0.24770E-06 | 478273.7 | 3743257.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001915 | 0 | 0.24770E-06 | 478273.6 | 3743248.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |
| L0001916 | 0 | 0.24770E-06 | 478273.6 | 3743239.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | | |

*** AERMOD - VERSION 19191 ***
*** AERMET - VERSION 16216 ***

*** First Industrial Warehouse at Rider and Redlands
*** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
*** 09:38:24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0001917 | 0 | 0.24770E-06 | 478273.6 | 3743231.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001918 | 0 | 0.24770E-06 | 478273.6 | 3743222.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001919 | 0 | 0.24770E-06 | 478273.6 | 3743214.1 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001920 | 0 | 0.24770E-06 | 478273.6 | 3743205.5 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001921 | 0 | 0.24770E-06 | 478273.6 | 3743196.9 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001922 | 0 | 0.24770E-06 | 478273.6 | 3743188.3 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001923 | 0 | 0.24770E-06 | 478273.6 | 3743179.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001924 | 0 | 0.24770E-06 | 478273.6 | 3743171.2 | 446.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0001925 | 0 | 0.24770E-06 | 478273.5 | 3743162.6 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0001926 | 0 | 0.24770E-06 | 478273.5 | 3743154.0 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0001927 | 0 | 0.24770E-06 | 478273.5 | 3743145.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001928 | 0 | 0.24770E-06 | 478273.5 | 3743136.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001929 | 0 | 0.24770E-06 | 478273.5 | 3743128.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001930 | 0 | 0.24770E-06 | 478273.5 | 3743119.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001931 | 0 | 0.24770E-06 | 478273.5 | 3743111.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001932 | 0 | 0.24770E-06 | 478273.5 | 3743102.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001933 | 0 | 0.24770E-06 | 478273.5 | 3743093.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001934 | 0 | 0.24770E-06 | 478273.5 | 3743085.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001935 | 0 | 0.24770E-06 | 478273.4 | 3743076.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001936 | 0 | 0.24770E-06 | 478273.4 | 3743068.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001937 | 0 | 0.24770E-06 | 478273.4 | 3743059.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001938 | 0 | 0.24770E-06 | 478273.4 | 3743050.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001939 | 0 | 0.24770E-06 | 478273.4 | 3743042.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001940 | 0 | 0.24770E-06 | 478273.4 | 3743033.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001941 | 0 | 0.24770E-06 | 478273.4 | 3743025.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001942 | 0 | 0.24770E-06 | 478273.4 | 3743016.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001943 | 0 | 0.24770E-06 | 478273.4 | 3743007.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001944 | 0 | 0.24770E-06 | 478273.4 | 3742999.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001945 | 0 | 0.24770E-06 | 478273.3 | 3742990.8 | 445.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0001946 | 0 | 0.24770E-06 | 478273.3 | 3742982.2 | 445.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0001947 | 0 | 0.24770E-06 | 478273.3 | 3742973.6 | 445.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0001948 | 0 | 0.24770E-06 | 478273.3 | 3742965.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001949 | 0 | 0.24770E-06 | 478273.3 | 3742956.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001950 | 0 | 0.24770E-06 | 478273.3 | 3742947.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001951 | 0 | 0.24770E-06 | 478273.3 | 3742939.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001952 | 0 | 0.24770E-06 | 478273.3 | 3742930.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001953 | 0 | 0.24770E-06 | 478273.3 | 3742922.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001954 | 0 | 0.24770E-06 | 478273.3 | 3742913.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001955 | 0 | 0.24770E-06 | 478273.3 | 3742904.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001956 | 0 | 0.24770E-06 | 478273.2 | 3742896.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 ***
*** AERMET - VERSION 16216 ***

*** First Industrial Warehouse at Rider and Redlands
*** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
*** 09:38:24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0001957 | 0 | 0.24770E-06 | 478273.2 | 3742887.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001958 | 0 | 0.24770E-06 | 478273.2 | 3742879.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001959 | 0 | 0.24770E-06 | 478273.2 | 3742870.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001960 | 0 | 0.24770E-06 | 478273.2 | 3742861.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001961 | 0 | 0.24770E-06 | 478273.2 | 3742853.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001962 | 0 | 0.24770E-06 | 478273.2 | 3742844.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001963 | 0 | 0.24770E-06 | 478273.2 | 3742836.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001964 | 0 | 0.24770E-06 | 478273.2 | 3742827.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001965 | 0 | 0.24770E-06 | 478273.2 | 3742819.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001966 | 0 | 0.24770E-06 | 478273.1 | 3742810.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001967 | 0 | 0.24770E-06 | 478273.1 | 3742801.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001968 | 0 | 0.24770E-06 | 478273.1 | 3742793.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001969 | 0 | 0.24770E-06 | 478273.1 | 3742784.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001970 | 0 | 0.24770E-06 | 478273.1 | 3742776.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001971 | 0 | 0.24770E-06 | 478273.1 | 3742767.4 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001972 | 0 | 0.24770E-06 | 478273.1 | 3742758.8 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001973 | 0 | 0.24770E-06 | 478273.1 | 3742750.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001974 | 0 | 0.24770E-06 | 478273.1 | 3742741.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001975 | 0 | 0.24770E-06 | 478273.1 | 3742733.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001976 | 0 | 0.24770E-06 | 478273.0 | 3742724.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001977 | 0 | 0.24770E-06 | 478273.0 | 3742715.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001978 | 0 | 0.24770E-06 | 478273.0 | 3742707.3 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001979 | 0 | 0.24770E-06 | 478273.0 | 3742698.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001980 | 0 | 0.24770E-06 | 478273.0 | 3742690.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001981 | 0 | 0.24770E-06 | 478273.0 | 3742681.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001982 | 0 | 0.24770E-06 | 478273.0 | 3742672.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0001983 | 0 | 0.24770E-06 | 478273.0 | 3742664.3 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0001984 | 0 | 0.24770E-06 | 478273.0 | 3742655.8 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0001985 | 0 | 0.24770E-06 | 478273.0 | 3742647.2 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0001986 | 0 | 0.24770E-06 | 478273.0 | 3742638.6 | 444.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0001987 | 0 | 0.24770E-06 | 478272.9 | 3742630.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001988 | 0 | 0.24770E-06 | 478272.9 | 3742621.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001989 | 0 | 0.24770E-06 | 478272.9 | 3742612.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001990 | 0 | 0.24770E-06 | 478272.9 | 3742604.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001991 | 0 | 0.24770E-06 | 478272.9 | 3742595.6 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001992 | 0 | 0.24770E-06 | 478272.9 | 3742587.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001993 | 0 | 0.24770E-06 | 478272.9 | 3742578.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001994 | 0 | 0.24770E-06 | 478272.9 | 3742569.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001995 | 0 | 0.24770E-06 | 478272.9 | 3742561.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0001996 | 0 | 0.24580E-06 | 478268.6 | 3742551.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002077 | 0 | 0.61930E-06 | 480021.2 | 3743012.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002078 | 0 | 0.61930E-06 | 480029.8 | 3743012.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002079 | 0 | 0.61930E-06 | 480038.4 | 3743012.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002080 | 0 | 0.61930E-06 | 480047.0 | 3743012.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002081 | 0 | 0.61930E-06 | 480055.6 | 3743012.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002082 | 0 | 0.61930E-06 | 480064.2 | 3743012.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002083 | 0 | 0.61930E-06 | 480072.8 | 3743012.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002084 | 0 | 0.61930E-06 | 480074.9 | 3743019.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002085 | 0 | 0.61930E-06 | 480075.0 | 3743027.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002086 | 0 | 0.61930E-06 | 480075.1 | 3743036.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002087 | 0 | 0.61930E-06 | 480075.2 | 3743045.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002088 | 0 | 0.61930E-06 | 480075.3 | 3743053.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002089 | 0 | 0.61930E-06 | 480075.4 | 3743062.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002090 | 0 | 0.61930E-06 | 480075.5 | 3743070.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002091 | 0 | 0.61930E-06 | 480075.6 | 3743079.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002092 | 0 | 0.61930E-06 | 480075.7 | 3743087.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002093 | 0 | 0.61930E-06 | 480075.8 | 3743096.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002094 | 0 | 0.61930E-06 | 480075.9 | 3743105.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002095 | 0 | 0.61930E-06 | 480076.0 | 3743113.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002096 | 0 | 0.61930E-06 | 480076.1 | 3743122.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002097 | 0 | 0.61930E-06 | 480076.2 | 3743130.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002098 | 0 | 0.61930E-06 | 480076.3 | 3743139.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002099 | 0 | 0.61930E-06 | 480076.4 | 3743148.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002100 | 0 | 0.61930E-06 | 480076.5 | 3743156.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002101 | 0 | 0.61930E-06 | 480076.6 | 3743165.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002102 | 0 | 0.61930E-06 | 480076.7 | 3743173.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002103 | 0 | 0.61930E-06 | 480076.8 | 3743182.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002104 | 0 | 0.61930E-06 | 480076.9 | 3743191.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002105 | 0 | 0.61930E-06 | 480077.0 | 3743199.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002106 | 0 | 0.61930E-06 | 480077.1 | 3743208.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002107 | 0 | 0.61930E-06 | 480077.2 | 3743216.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002108 | 0 | 0.61930E-06 | 480077.3 | 3743225.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002109 | 0 | 0.61930E-06 | 480077.4 | 3743233.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002110 | 0 | 0.61930E-06 | 480077.5 | 3743242.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002111 | 0 | 0.61930E-06 | 480077.6 | 3743251.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002112 | 0 | 0.61930E-06 | 480077.7 | 3743259.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002113 | 0 | 0.61930E-06 | 480077.8 | 3743268.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002114 | 0 | 0.61930E-06 | 480077.9 | 3743276.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002115 | 0 | 0.61930E-06 | 480078.0 | 3743285.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002116 | 0 | 0.61930E-06 | 480078.1 | 3743294.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002117 | 0 | 0.61930E-06 | 480078.2 | 3743302.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002118 | 0 | 0.61930E-06 | 480078.3 | 3743311.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002119 | 0 | 0.61930E-06 | 480078.4 | 3743319.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002120 | 0 | 0.13620E-05 | 480052.7 | 3743073.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002121 | 0 | 0.13620E-05 | 480052.8 | 3743081.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002122 | 0 | 0.13620E-05 | 480052.9 | 3743090.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002123 | 0 | 0.13620E-05 | 480053.0 | 3743098.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002124 | 0 | 0.13620E-05 | 480053.1 | 3743107.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002125 | 0 | 0.13620E-05 | 480053.2 | 3743116.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002126 | 0 | 0.13620E-05 | 480053.3 | 3743124.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002127 | 0 | 0.13620E-05 | 480053.4 | 3743133.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002128 | 0 | 0.13620E-05 | 480053.5 | 3743141.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002129 | 0 | 0.13620E-05 | 480053.6 | 3743150.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002130 | 0 | 0.13620E-05 | 480053.7 | 3743159.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002131 | 0 | 0.13620E-05 | 480053.8 | 3743167.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002132 | 0 | 0.13620E-05 | 480053.8 | 3743176.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002133 | 0 | 0.13620E-05 | 480053.9 | 3743184.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002134 | 0 | 0.13620E-05 | 480054.0 | 3743193.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002135 | 0 | 0.13620E-05 | 480054.1 | 3743202.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002136 | 0 | 0.13620E-05 | 480054.2 | 3743210.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002137 | 0 | 0.13620E-05 | 480054.3 | 3743219.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002138 | 0 | 0.13620E-05 | 480054.4 | 3743227.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002139 | 0 | 0.13620E-05 | 480054.5 | 3743236.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002140 | 0 | 0.13620E-05 | 480054.6 | 3743244.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002141 | 0 | 0.13620E-05 | 480054.7 | 3743253.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | | | | | | | | |
| ALL | L0000001 | , L0000002 | , L0000003 | , L0000004 | , L0000005 | , L0000006 | , L0000007 | , L0000008 | , |
| | L0000009 | , L0000010 | , L0000011 | , L0000012 | , L0000013 | , L0000014 | , L0000015 | , L0000016 | , |
| | L0000017 | , L0000018 | , L0000019 | , L0000020 | , L0000021 | , L0000022 | , L0000023 | , L0000024 | , |
| | L0000025 | , L0000026 | , L0000027 | , L0000028 | , L0000029 | , L0000030 | , L0000031 | , L0000032 | , |
| | L0000033 | , L0000034 | , L0000035 | , L0000036 | , L0000037 | , L0000038 | , L0000039 | , L0001716 | , |
| | L0001717 | , L0001718 | , L0001719 | , L0001720 | , L0001721 | , L0001722 | , L0001723 | , L0001724 | , |
| | L0001725 | , L0001726 | , L0001727 | , L0001728 | , L0001729 | , L0001730 | , L0001731 | , L0001732 | , |
| | L0001733 | , L0001734 | , L0001735 | , L0001736 | , L0001737 | , L0001738 | , L0001739 | , L0001740 | , |
| | L0001741 | , L0001742 | , L0001743 | , L0001744 | , L0001745 | , L0001746 | , L0001747 | , L0001748 | , |
| | L0001749 | , L0001750 | , L0001751 | , L0001752 | , L0001753 | , L0001754 | , L0001755 | , L0001756 | , |
| | L0001757 | , L0001758 | , L0001759 | , L0001760 | , L0001761 | , L0001762 | , L0001763 | , L0001764 | , |
| | L0001765 | , L0001766 | , L0001767 | , L0001768 | , L0001769 | , L0001770 | , L0001771 | , L0001772 | , |
| | L0001773 | , L0001774 | , L0001775 | , L0001776 | , L0001777 | , L0001778 | , L0001779 | , L0001780 | , |
| | L0001781 | , L0001782 | , L0001783 | , L0001784 | , L0001785 | , L0001786 | , L0001787 | , L0001788 | , |
| | L0001789 | , L0001790 | , L0001791 | , L0001792 | , L0001793 | , L0001794 | , L0001795 | , L0001796 | , |
| | L0001797 | , L0001798 | , L0001799 | , L0001800 | , L0001801 | , L0001802 | , L0001803 | , L0001804 | , |
| | L0001805 | , L0001806 | , L0001807 | , L0001808 | , L0001809 | , L0001810 | , L0001811 | , L0001812 | , |
| | L0001813 | , L0001814 | , L0001815 | , L0001816 | , L0001817 | , L0001818 | , L0001819 | , L0001820 | , |
| | L0001821 | , L0001822 | , L0001823 | , L0001824 | , L0001825 | , L0001826 | , L0001827 | , L0001828 | , |
| | L0001829 | , L0001830 | , L0001831 | , L0001832 | , L0001833 | , L0001834 | , L0001835 | , L0001836 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | |
|-------------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | | | | | | | |
| L0001837 | , L0001838 | , L0001839 | , L0001840 | , L0001841 | , L0001842 | , L0001843 | , L0001844 | , |
| L0001845 | , L0001846 | , L0001847 | , L0001848 | , L0001849 | , L0001850 | , L0001851 | , L0001852 | , |
| L0001853 | , L0001854 | , L0001855 | , L0001856 | , L0001857 | , L0001858 | , L0001859 | , L0001860 | , |
| L0001861 | , L0001862 | , L0001863 | , L0001864 | , L0001865 | , L0001866 | , L0001867 | , L0001868 | , |
| L0001869 | , L0001870 | , L0001871 | , L0001872 | , L0001873 | , L0001874 | , L0001875 | , L0001876 | , |
| L0001877 | , L0001878 | , L0001879 | , L0001880 | , L0001881 | , L0001882 | , L0001883 | , L0001884 | , |
| L0001885 | , L0001886 | , L0001887 | , L0001888 | , L0001889 | , L0001890 | , L0001891 | , L0001892 | , |
| L0001893 | , L0001894 | , L0001895 | , L0001896 | , L0001897 | , L0001898 | , L0001899 | , L0001900 | , |
| L0001901 | , L0001902 | , L0001903 | , L0001904 | , L0001905 | , L0001906 | , L0001907 | , L0001908 | , |
| L0001909 | , L0001910 | , L0001911 | , L0001912 | , L0001913 | , L0001914 | , L0001915 | , L0001916 | , |
| L0001917 | , L0001918 | , L0001919 | , L0001920 | , L0001921 | , L0001922 | , L0001923 | , L0001924 | , |
| L0001925 | , L0001926 | , L0001927 | , L0001928 | , L0001929 | , L0001930 | , L0001931 | , L0001932 | , |
| L0001933 | , L0001934 | , L0001935 | , L0001936 | , L0001937 | , L0001938 | , L0001939 | , L0001940 | , |
| L0001941 | , L0001942 | , L0001943 | , L0001944 | , L0001945 | , L0001946 | , L0001947 | , L0001948 | , |
| L0001949 | , L0001950 | , L0001951 | , L0001952 | , L0001953 | , L0001954 | , L0001955 | , L0001956 | , |
| L0001957 | , L0001958 | , L0001959 | , L0001960 | , L0001961 | , L0001962 | , L0001963 | , L0001964 | , |
| L0001965 | , L0001966 | , L0001967 | , L0001968 | , L0001969 | , L0001970 | , L0001971 | , L0001972 | , |
| L0001973 | , L0001974 | , L0001975 | , L0001976 | , L0001977 | , L0001978 | , L0001979 | , L0001980 | , |
| L0001981 | , L0001982 | , L0001983 | , L0001984 | , L0001985 | , L0001986 | , L0001987 | , L0001988 | , |
| L0001989 | , L0001990 | , L0001991 | , L0001992 | , L0001993 | , L0001994 | , L0001995 | , L0001996 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0001997 | , | L0001998 | , | L0001999 | , | L0002000 | , | L0002001 | , | L0002002 | , | L0002003 | , | L0002004 | , |
| L0002005 | , | L0002006 | , | L0002007 | , | L0002008 | , | L0002009 | , | L0002010 | , | L0002011 | , | L0002012 | , |
| L0002013 | , | L0002014 | , | L0002015 | , | L0002016 | , | L0002017 | , | L0002018 | , | L0002019 | , | L0002020 | , |
| L0002021 | , | L0002022 | , | L0002023 | , | L0002024 | , | L0002025 | , | L0002026 | , | L0002027 | , | L0002028 | , |
| L0002029 | , | L0002030 | , | L0002031 | , | L0002032 | , | L0002033 | , | L0002034 | , | L0002035 | , | L0002036 | , |
| L0002037 | , | L0002038 | , | L0002039 | , | L0002040 | , | L0002041 | , | L0002042 | , | L0002043 | , | L0002044 | , |
| L0002045 | , | L0002046 | , | L0002047 | , | L0002048 | , | L0002049 | , | L0002050 | , | L0002051 | , | L0002052 | , |
| L0002053 | , | L0002054 | , | L0002055 | , | L0002056 | , | L0002057 | , | L0002058 | , | L0002059 | , | L0002060 | , |
| L0002061 | , | L0002062 | , | L0002063 | , | L0002064 | , | L0002065 | , | L0002066 | , | L0002067 | , | L0002068 | , |
| L0002069 | , | L0002070 | , | L0002071 | , | L0002072 | , | L0002073 | , | L0002074 | , | L0002075 | , | L0002076 | , |
| L0002077 | , | L0002078 | , | L0002079 | , | L0002080 | , | L0002081 | , | L0002082 | , | L0002083 | , | L0002084 | , |
| L0002085 | , | L0002086 | , | L0002087 | , | L0002088 | , | L0002089 | , | L0002090 | , | L0002091 | , | L0002092 | , |
| L0002093 | , | L0002094 | , | L0002095 | , | L0002096 | , | L0002097 | , | L0002098 | , | L0002099 | , | L0002100 | , |
| L0002101 | , | L0002102 | , | L0002103 | , | L0002104 | , | L0002105 | , | L0002106 | , | L0002107 | , | L0002108 | , |
| L0002109 | , | L0002110 | , | L0002111 | , | L0002112 | , | L0002113 | , | L0002114 | , | L0002115 | , | L0002116 | , |
| L0002117 | , | L0002118 | , | L0002119 | , | L0002120 | , | L0002121 | , | L0002122 | , | L0002123 | , | L0002124 | , |
| L0002125 | , | L0002126 | , | L0002127 | , | L0002128 | , | L0002129 | , | L0002130 | , | L0002131 | , | L0002132 | , |
| L0002133 | , | L0002134 | , | L0002135 | , | L0002136 | , | L0002137 | , | L0002138 | , | L0002139 | , | L0002140 | , |
| L0002141 | , | | | | | | | | | | | | | | |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0000008 | 2189641. | L0000001 | , L0000002 | , L0000003 | , L0000004 | , L0000005 | , L0000006 | , L0000007 | , L0000008 | , |
| | | L0000009 | , L0000010 | , L0000011 | , L0000012 | , L0000013 | , L0000014 | , L0000015 | , L0000016 | , |
| | | L0000017 | , L0000018 | , L0000019 | , L0000020 | , L0000021 | , L0000022 | , L0000023 | , L0000024 | , |
| | | L0000025 | , L0000026 | , L0000027 | , L0000028 | , L0000029 | , L0000030 | , L0000031 | , L0000032 | , |
| | | L0000033 | , L0000034 | , L0000035 | , L0000036 | , L0000037 | , L0000038 | , L0000039 | , L0001716 | , |
| | | L0001717 | , L0001718 | , L0001719 | , L0001720 | , L0001721 | , L0001722 | , L0001723 | , L0001724 | , |
| | | L0001725 | , L0001726 | , L0001727 | , L0001728 | , L0001729 | , L0001730 | , L0001731 | , L0001732 | , |
| | | L0001733 | , L0001734 | , L0001735 | , L0001736 | , L0001737 | , L0001738 | , L0001739 | , L0001740 | , |
| | | L0001741 | , L0001742 | , L0001743 | , L0001744 | , L0001745 | , L0001746 | , L0001747 | , L0001748 | , |
| | | L0001749 | , L0001750 | , L0001751 | , L0001752 | , L0001753 | , L0001754 | , L0001755 | , L0001756 | , |
| | | L0001757 | , L0001758 | , L0001759 | , L0001760 | , L0001761 | , L0001762 | , L0001763 | , L0001764 | , |
| | | L0001765 | , L0001766 | , L0001767 | , L0001768 | , L0001769 | , L0001770 | , L0001771 | , L0001772 | , |
| | | L0001773 | , L0001774 | , L0001775 | , L0001776 | , L0001777 | , L0001778 | , L0001779 | , L0001780 | , |
| | | L0001781 | , L0001782 | , L0001783 | , L0001784 | , L0001785 | , L0001786 | , L0001787 | , L0001788 | , |
| | | L0001789 | , L0001790 | , L0001791 | , L0001792 | , L0001793 | , L0001794 | , L0001795 | , L0001796 | , |
| | | L0001797 | , L0001798 | , L0001799 | , L0001800 | , L0001801 | , L0001802 | , L0001803 | , L0001804 | , |
| | | L0001805 | , L0001806 | , L0001807 | , L0001808 | , L0001809 | , L0001810 | , L0001811 | , L0001812 | , |
| | | L0001813 | , L0001814 | , L0001815 | , L0001816 | , L0001817 | , L0001818 | , L0001819 | , L0001820 | , |
| | | L0001821 | , L0001822 | , L0001823 | , L0001824 | , L0001825 | , L0001826 | , L0001827 | , L0001828 | , |
| | | L0001829 | , L0001830 | , L0001831 | , L0001832 | , L0001833 | , L0001834 | , L0001835 | , L0001836 | , |

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | | | | | | | |
| L0001837 | | , L0001838 | , L0001839 | , L0001840 | , L0001841 | , L0001842 | , L0001843 | , L0001844 | , |
| L0001845 | | , L0001846 | , L0001847 | , L0001848 | , L0001849 | , L0001850 | , L0001851 | , L0001852 | , |
| L0001853 | | , L0001854 | , L0001855 | , L0001856 | , L0001857 | , L0001858 | , L0001859 | , L0001860 | , |
| L0001861 | | , L0001862 | , L0001863 | , L0001864 | , L0001865 | , L0001866 | , L0001867 | , L0001868 | , |
| L0001869 | | , L0001870 | , L0001871 | , L0001872 | , L0001873 | , L0001874 | , L0001875 | , L0001876 | , |
| L0001877 | | , L0001878 | , L0001879 | , L0001880 | , L0001881 | , L0001882 | , L0001883 | , L0001884 | , |
| L0001885 | | , L0001886 | , L0001887 | , L0001888 | , L0001889 | , L0001890 | , L0001891 | , L0001892 | , |
| L0001893 | | , L0001894 | , L0001895 | , L0001896 | , L0001897 | , L0001898 | , L0001899 | , L0001900 | , |
| L0001901 | | , L0001902 | , L0001903 | , L0001904 | , L0001905 | , L0001906 | , L0001907 | , L0001908 | , |
| L0001909 | | , L0001910 | , L0001911 | , L0001912 | , L0001913 | , L0001914 | , L0001915 | , L0001916 | , |
| L0001917 | | , L0001918 | , L0001919 | , L0001920 | , L0001921 | , L0001922 | , L0001923 | , L0001924 | , |
| L0001925 | | , L0001926 | , L0001927 | , L0001928 | , L0001929 | , L0001930 | , L0001931 | , L0001932 | , |
| L0001933 | | , L0001934 | , L0001935 | , L0001936 | , L0001937 | , L0001938 | , L0001939 | , L0001940 | , |
| L0001941 | | , L0001942 | , L0001943 | , L0001944 | , L0001945 | , L0001946 | , L0001947 | , L0001948 | , |
| L0001949 | | , L0001950 | , L0001951 | , L0001952 | , L0001953 | , L0001954 | , L0001955 | , L0001956 | , |
| L0001957 | | , L0001958 | , L0001959 | , L0001960 | , L0001961 | , L0001962 | , L0001963 | , L0001964 | , |
| L0001965 | | , L0001966 | , L0001967 | , L0001968 | , L0001969 | , L0001970 | , L0001971 | , L0001972 | , |
| L0001973 | | , L0001974 | , L0001975 | , L0001976 | , L0001977 | , L0001978 | , L0001979 | , L0001980 | , |
| L0001981 | | , L0001982 | , L0001983 | , L0001984 | , L0001985 | , L0001986 | , L0001987 | , L0001988 | , |
| L0001989 | | , L0001990 | , L0001991 | , L0001992 | , L0001993 | , L0001994 | , L0001995 | , L0001996 | , |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | | | | | | | |
| L0001997 | | , L0001998 | , L0001999 | , L0002000 | , L0002001 | , L0002002 | , L0002003 | , L0002004 | , |
| L0002005 | | , L0002006 | , L0002007 | , L0002008 | , L0002009 | , L0002010 | , L0002011 | , L0002012 | , |
| L0002013 | | , L0002014 | , L0002015 | , L0002016 | , L0002017 | , L0002018 | , L0002019 | , L0002020 | , |
| L0002021 | | , L0002022 | , L0002023 | , L0002024 | , L0002025 | , L0002026 | , L0002027 | , L0002028 | , |
| L0002029 | | , L0002030 | , L0002031 | , L0002032 | , L0002033 | , L0002034 | , L0002035 | , L0002036 | , |
| L0002037 | | , L0002038 | , L0002039 | , L0002040 | , L0002041 | , L0002042 | , L0002043 | , L0002044 | , |
| L0002045 | | , L0002046 | , L0002047 | , L0002048 | , L0002049 | , L0002050 | , L0002051 | , L0002052 | , |
| L0002053 | | , L0002054 | , L0002055 | , L0002056 | , L0002057 | , L0002058 | , L0002059 | , L0002060 | , |
| L0002061 | | , L0002062 | , L0002063 | , L0002064 | , L0002065 | , L0002066 | , L0002067 | , L0002068 | , |
| L0002069 | | , L0002070 | , L0002071 | , L0002072 | , L0002073 | , L0002074 | , L0002075 | , L0002076 | , |
| L0002077 | | , L0002078 | , L0002079 | , L0002080 | , L0002081 | , L0002082 | , L0002083 | , L0002084 | , |
| L0002085 | | , L0002086 | , L0002087 | , L0002088 | , L0002089 | , L0002090 | , L0002091 | , L0002092 | , |
| L0002093 | | , L0002094 | , L0002095 | , L0002096 | , L0002097 | , L0002098 | , L0002099 | , L0002100 | , |
| L0002101 | | , L0002102 | , L0002103 | , L0002104 | , L0002105 | , L0002106 | , L0002107 | , L0002108 | , |
| L0002109 | | , L0002110 | , L0002111 | , L0002112 | , L0002113 | , L0002114 | , L0002115 | , L0002116 | , |
| L0002117 | | , L0002118 | , L0002119 | , L0002120 | , L0002121 | , L0002122 | , L0002123 | , L0002124 | , |
| L0002125 | | , L0002126 | , L0002127 | , L0002128 | , L0002129 | , L0002130 | , L0002131 | , L0002132 | , |
| L0002133 | | , L0002134 | , L0002135 | , L0002136 | , L0002137 | , L0002138 | , L0002139 | , L0002140 | , |
| L0002141 | | , | | | | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

477399.1, 477449.1, 477499.1, 477549.1, 477599.1, 477649.1, 477699.1, 477749.1, 477799.1, 477849.1,
477899.1, 477949.1, 477999.1, 478049.1, 478099.1, 478149.1, 478199.1, 478249.1, 478299.1, 478349.1,
478399.1, 478449.1, 478499.1, 478549.1, 478599.1, 478649.1, 478699.1, 478749.1, 478799.1, 478849.1,
478899.1, 478949.1, 478999.1, 479049.1, 479099.1, 479149.1, 479199.1, 479249.1, 479299.1, 479349.1,
479399.1, 479449.1, 479499.1, 479549.1, 479599.1, 479649.1, 479699.1, 479749.1, 479799.1, 479849.1,
479899.1, 479949.1, 479999.1, 480049.1, 480099.1, 480149.1, 480199.1, 480249.1, 480299.1, 480349.1,
480399.1, 480449.1, 480499.1, 480549.1, 480599.1, 480649.1, 480699.1, 480749.1, 480799.1, 480849.1,
480899.1, 480949.1,

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

3741964.3, 3742014.3, 3742064.3, 3742114.3, 3742164.3, 3742214.3, 3742264.3, 3742314.3, 3742364.3, 3742414.3,
3742464.3, 3742514.3, 3742564.3, 3742614.3, 3742664.3, 3742714.3, 3742764.3, 3742814.3, 3742864.3, 3742914.3,
3742964.3, 3743014.3, 3743064.3, 3743114.3, 3743164.3, 3743214.3, 3743264.3, 3743314.3, 3743364.3, 3743414.3,
3743464.3, 3743514.3, 3743564.3, 3743614.3, 3743664.3, 3743714.3, 3743764.3, 3743814.3,

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 461.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 461.00 | 460.30 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 461.00 | 460.40 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 24

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 25

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | X-COORD (METERS) | | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 479349.08 | 479399.08 | | | | |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 26

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 27

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | X-COORD (METERS) | | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 480249.08 | 480299.08 | | | | |
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 28

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 440.00 | 440.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 440.00 | 440.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 | 440.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.30 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 29

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 592.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 30

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 31

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 33

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | X-COORD (METERS) | | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 479349.08 | 479399.08 | | | | |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 34

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 35

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
 *** 09:38:24
 *** PAGE 36

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 765.00 | 765.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 765.00 | 765.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 765.00 | 765.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | |
|------------------------|--------|--------|-------|------------------------|--------|--------|-------|
| (480087.8, 3742942.1, | 439.0, | 439.0, | 0.0); | (480087.8, 3742999.1, | 439.0, | 439.0, | 0.0); |
| (480089.4, 3743069.9, | 439.0, | 439.0, | 0.0); | (480088.7, 3743120.5, | 439.0, | 439.0, | 0.0); |
| (480088.7, 3743172.0, | 439.0, | 439.0, | 0.0); | (480088.7, 3743211.6, | 439.0, | 439.0, | 0.0); |
| (479731.9, 3743352.3, | 440.0, | 440.0, | 0.0); | (479352.6, 3743330.2, | 441.0, | 441.0, | 0.0); |
| (478263.3, 3742947.1, | 445.1, | 445.1, | 0.0); | (478262.8, 3742909.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742876.6, | 445.0, | 445.0, | 0.0); | (478261.3, 3742840.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742786.9, | 445.0, | 445.0, | 0.0); | (478283.8, 3742805.2, | 445.0, | 445.0, | 0.0); |
| (478282.9, 3742738.0, | 444.6, | 444.6, | 0.0); | (478282.9, 3742694.0, | 444.6, | 444.6, | 0.0); |
| (478261.6, 3742700.2, | 445.0, | 445.0, | 0.0); | (478262.2, 3742621.5, | 444.3, | 444.3, | 0.0); |
| (478261.6, 3742441.8, | 445.0, | 445.0, | 0.0); | (478263.4, 3742373.7, | 445.0, | 445.0, | 0.0); |
| (478263.4, 3742349.8, | 445.0, | 445.0, | 0.0); | (480290.2, 3743075.3, | 438.0, | 438.0, | 0.0); |
| (480292.2, 3743224.7, | 438.0, | 438.0, | 0.0); | (479926.0, 3743352.6, | 439.0, | 439.0, | 0.0); |
| (479732.3, 3743330.2, | 440.0, | 440.0, | 0.0); | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR XR (METERS) | LOCATION -- YR (METERS) | DISTANCE (METERS) |
|--------------|----------------------------|----------------------------|----------------------|
| L0001835 | 478849.1 | 3743364.3 | 0.51 |
| L0001841 | 478799.1 | 3743364.3 | -0.44 |
| L0001847 | 478749.1 | 3743364.3 | -1.13 |
| L0001852 | 478699.1 | 3743364.3 | 0.46 |
| L0001853 | 478699.1 | 3743364.3 | -1.47 |
| L0001858 | 478649.1 | 3743364.3 | -1.08 |
| L0001859 | 478649.1 | 3743364.3 | -1.40 |
| L0001864 | 478599.1 | 3743364.3 | -2.55 |
| L0001865 | 478599.1 | 3743364.3 | -0.95 |
| L0001870 | 478549.1 | 3743364.3 | -3.84 |
| L0001871 | 478549.1 | 3743364.3 | -0.17 |
| L0001875 | 478499.1 | 3743364.3 | 0.73 |
| L0001876 | 478499.1 | 3743364.3 | -4.79 |
| L0001877 | 478499.1 | 3743364.3 | 0.86 |
| L0001881 | 478449.1 | 3743364.3 | -0.97 |
| L0001882 | 478449.1 | 3743364.3 | -5.12 |
| L0001887 | 478399.1 | 3743364.3 | -2.68 |
| L0001888 | 478399.1 | 3743364.3 | -4.66 |
| L0001893 | 478349.1 | 3743364.3 | -4.38 |
| L0001894 | 478349.1 | 3743364.3 | -3.62 |
| L0001899 | 478299.1 | 3743364.3 | -6.09 |
| L0001900 | 478299.1 | 3743364.3 | -2.28 |
| L0002010 | 478149.1 | 3742564.3 | 0.86 |
| L0002016 | 478099.1 | 3742564.3 | -0.29 |
| L0002021 | 478049.1 | 3742564.3 | -0.26 |
| L0002022 | 478049.1 | 3742564.3 | -1.04 |
| L0002027 | 477999.1 | 3742564.3 | -2.30 |
| L0002028 | 477999.1 | 3742564.3 | -1.24 |
| L0002033 | 477949.1 | 3742564.3 | -4.29 |
| L0002034 | 477949.1 | 3742564.3 | -0.86 |
| L0002038 | 477899.1 | 3742564.3 | 0.66 |
| L0002039 | 477899.1 | 3742564.3 | -6.10 |
| L0002040 | 477899.1 | 3742564.3 | 0.02 |
| L0002044 | 477849.1 | 3742564.3 | -1.15 |
| L0002045 | 477849.1 | 3742564.3 | -6.96 |
| L0002050 | 477799.1 | 3742564.3 | -2.79 |
| L0002051 | 477799.1 | 3742564.3 | -5.80 |
| L0002056 | 477749.1 | 3742564.3 | -4.02 |
| L0002057 | 477749.1 | 3742564.3 | -3.94 |
| L0002062 | 477699.1 | 3742564.3 | -4.50 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR LOCATION -- XR (METERS) YR (METERS) | | DISTANCE (METERS) |
|--------------|---|-----------|----------------------|
| L0002063 | 479899.1 | 3743014.3 | -5.19 |
| L0002068 | 479949.1 | 3743014.3 | -2.86 |
| L0002069 | 479949.1 | 3743014.3 | -4.36 |
| L0002074 | 479999.1 | 3743014.3 | -4.38 |
| L0002075 | 479999.1 | 3743014.3 | -3.18 |
| L0002080 | 480049.1 | 3743014.3 | -5.83 |
| L0002081 | 480049.1 | 3743014.3 | -1.84 |
| L0002120 | 480049.1 | 3743064.3 | 0.96 |
| L0002124 | 480049.1 | 3743114.3 | -0.71 |
| L0002125 | 480049.1 | 3743114.3 | -4.13 |
| L0002130 | 480049.1 | 3743164.3 | -1.63 |
| L0002131 | 480049.1 | 3743164.3 | -2.86 |
| L0002136 | 480049.1 | 3743214.3 | -2.25 |
| L0002137 | 480049.1 | 3743214.3 | -1.45 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: PERI_v9.SFC
 Profile file: PERI_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171
 Name: UNKNOWN
 Year: 2010

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2010

Met Version: 16216

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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 1.00 | 0.40 | 3. | 9.1 | 277.0 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 07 | -8.0 | 0.125 | -9.000 | -9.000 | -999. | 106. | 21.0 | 0.19 | 0.61 | 1.00 | 1.30 | 99. | 9.1 | 277.0 | 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 | | | |
| 10 | 01 | 01 | 1 | 09 | 20.1 | 0.128 | 0.307 | 0.010 | 49. | 110. | -9.0 | 0.19 | 0.61 | 0.33 | 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 | | | |
| 10 | 01 | 01 | 1 | 12 | 97.1 | 0.281 | 1.058 | 0.008 | 421. | 357. | -19.7 | 0.19 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 0.36 | 1.80 | 11. | 9.1 | 292.5 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 17 | -3.6 | 0.087 | -9.000 | -9.000 | -999. | 71. | 15.6 | 0.19 | 0.61 | 0.64 | 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 | 0.61 | 1.00 | 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 | 1.00 | 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 | 1.00 | 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 | | | |
| 10 | 01 | 01 | 1 | 22 | -3.8 | 0.088 | -9.000 | -9.000 | -999. | 62. | 15.1 | 0.19 | 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 | 1.00 | 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 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|---------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 |
| 3743764.29 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00015 |
| 3743714.29 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 |
| 3743664.29 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00015 | 0.00016 |
| 3743614.29 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 |
| 3743564.29 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00018 |
| 3743514.29 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00019 |
| 3743464.29 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00018 | 0.00020 |
| 3743414.29 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00019 | 0.00021 |
| 3743364.29 | 0.00012 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00017 | 0.00018 | 0.00020 | 0.00022 |
| 3743314.29 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00019 | 0.00020 | 0.00022 |
| 3743264.29 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00019 | 0.00021 | 0.00023 |
| 3743214.29 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00018 | 0.00020 | 0.00022 | 0.00024 |
| 3743164.29 | 0.00012 | 0.00013 | 0.00015 | 0.00016 | 0.00017 | 0.00019 | 0.00021 | 0.00023 | 0.00025 |
| 3743114.29 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00024 | 0.00026 |
| 3743064.29 | 0.00013 | 0.00014 | 0.00015 | 0.00017 | 0.00018 | 0.00020 | 0.00022 | 0.00024 | 0.00027 |
| 3743014.29 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00019 | 0.00021 | 0.00023 | 0.00025 | 0.00028 |
| 3742964.29 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00024 | 0.00027 | 0.00029 |
| 3742914.29 | 0.00014 | 0.00015 | 0.00017 | 0.00019 | 0.00021 | 0.00023 | 0.00026 | 0.00028 | 0.00031 |
| 3742864.29 | 0.00014 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00025 | 0.00028 | 0.00030 | 0.00034 |
| 3742814.29 | 0.00014 | 0.00016 | 0.00018 | 0.00021 | 0.00024 | 0.00027 | 0.00030 | 0.00034 | 0.00037 |
| 3742764.29 | 0.00015 | 0.00017 | 0.00019 | 0.00022 | 0.00025 | 0.00029 | 0.00034 | 0.00038 | 0.00043 |
| 3742714.29 | 0.00015 | 0.00017 | 0.00020 | 0.00023 | 0.00028 | 0.00034 | 0.00040 | 0.00047 | 0.00053 |
| 3742664.29 | 0.00015 | 0.00017 | 0.00020 | 0.00025 | 0.00030 | 0.00039 | 0.00052 | 0.00064 | 0.00072 |
| 3742614.29 | 0.00015 | 0.00017 | 0.00021 | 0.00026 | 0.00033 | 0.00049 | 0.00085 | 0.00118 | 0.00130 |
| 3742564.29 | 0.00015 | 0.00017 | 0.00021 | 0.00026 | 0.00034 | 0.00056 | 0.00188 | 0.00293 | 0.00317 |
| 3742514.29 | 0.00015 | 0.00017 | 0.00020 | 0.00024 | 0.00032 | 0.00047 | 0.00081 | 0.00119 | 0.00138 |
| 3742464.29 | 0.00014 | 0.00016 | 0.00019 | 0.00023 | 0.00028 | 0.00037 | 0.00050 | 0.00064 | 0.00075 |
| 3742414.29 | 0.00014 | 0.00015 | 0.00018 | 0.00021 | 0.00025 | 0.00031 | 0.00038 | 0.00045 | 0.00051 |
| 3742364.29 | 0.00013 | 0.00014 | 0.00016 | 0.00019 | 0.00022 | 0.00026 | 0.00030 | 0.00035 | 0.00039 |
| 3742314.29 | 0.00012 | 0.00014 | 0.00015 | 0.00017 | 0.00020 | 0.00023 | 0.00026 | 0.00029 | 0.00032 |
| 3742264.29 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00025 | 0.00027 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00023 |
| 3742164.29 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00015 | 0.00016 | 0.00018 | 0.00019 | 0.00021 |
| 3742114.29 | 0.00010 | 0.00011 | 0.00012 | 0.00012 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00018 |
| 3742064.29 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00017 |
| 3742014.29 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00014 | 0.00015 |
| 3741964.29 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
 PAGE 43

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
| 3743814.29 | 0.00015 | 0.00016 | 0.00017 | 0.00018 | 0.00019 | 0.00020 | 0.00021 | 0.00022 | 0.00023 |
| 3743764.29 | 0.00016 | 0.00017 | 0.00018 | 0.00019 | 0.00020 | 0.00021 | 0.00022 | 0.00024 | 0.00025 |
| 3743714.29 | 0.00017 | 0.00018 | 0.00019 | 0.00020 | 0.00022 | 0.00023 | 0.00025 | 0.00026 | 0.00028 |
| 3743664.29 | 0.00017 | 0.00019 | 0.00020 | 0.00022 | 0.00023 | 0.00025 | 0.00027 | 0.00029 | 0.00031 |
| 3743614.29 | 0.00018 | 0.00020 | 0.00021 | 0.00023 | 0.00025 | 0.00028 | 0.00030 | 0.00033 | 0.00036 |
| 3743564.29 | 0.00019 | 0.00021 | 0.00023 | 0.00025 | 0.00028 | 0.00031 | 0.00034 | 0.00038 | 0.00042 |
| 3743514.29 | 0.00020 | 0.00022 | 0.00024 | 0.00027 | 0.00030 | 0.00034 | 0.00039 | 0.00045 | 0.00052 |
| 3743464.29 | 0.00021 | 0.00024 | 0.00026 | 0.00029 | 0.00033 | 0.00039 | 0.00046 | 0.00056 | 0.00068 |
| 3743414.29 | 0.00023 | 0.00025 | 0.00028 | 0.00031 | 0.00036 | 0.00043 | 0.00054 | 0.00071 | 0.00103 |
| 3743364.29 | 0.00024 | 0.00026 | 0.00029 | 0.00034 | 0.00040 | 0.00048 | 0.00062 | 0.00091 | 0.00199 |
| 3743314.29 | 0.00025 | 0.00027 | 0.00031 | 0.00036 | 0.00042 | 0.00052 | 0.00069 | 0.00107 | 0.00260 |
| 3743264.29 | 0.00026 | 0.00029 | 0.00032 | 0.00037 | 0.00045 | 0.00055 | 0.00074 | 0.00113 | 0.00266 |
| 3743214.29 | 0.00027 | 0.00030 | 0.00034 | 0.00039 | 0.00046 | 0.00058 | 0.00076 | 0.00116 | 0.00267 |
| 3743164.29 | 0.00028 | 0.00031 | 0.00035 | 0.00040 | 0.00048 | 0.00059 | 0.00078 | 0.00117 | 0.00267 |
| 3743114.29 | 0.00029 | 0.00032 | 0.00036 | 0.00042 | 0.00049 | 0.00060 | 0.00079 | 0.00118 | 0.00267 |
| 3743064.29 | 0.00030 | 0.00033 | 0.00037 | 0.00043 | 0.00050 | 0.00061 | 0.00080 | 0.00118 | 0.00268 |
| 3743014.29 | 0.00031 | 0.00034 | 0.00039 | 0.00044 | 0.00051 | 0.00062 | 0.00080 | 0.00119 | 0.00269 |
| 3742964.29 | 0.00032 | 0.00036 | 0.00040 | 0.00045 | 0.00053 | 0.00063 | 0.00081 | 0.00119 | 0.00269 |
| 3742914.29 | 0.00034 | 0.00038 | 0.00042 | 0.00047 | 0.00054 | 0.00065 | 0.00082 | 0.00120 | 0.00270 |
| 3742864.29 | 0.00037 | 0.00041 | 0.00045 | 0.00050 | 0.00057 | 0.00067 | 0.00084 | 0.00121 | 0.00271 |
| 3742814.29 | 0.00041 | 0.00044 | 0.00048 | 0.00053 | 0.00060 | 0.00069 | 0.00086 | 0.00122 | 0.00272 |
| 3742764.29 | 0.00047 | 0.00051 | 0.00055 | 0.00059 | 0.00065 | 0.00074 | 0.00090 | 0.00125 | 0.00274 |
| 3742714.29 | 0.00057 | 0.00061 | 0.00065 | 0.00069 | 0.00074 | 0.00082 | 0.00096 | 0.00130 | 0.00276 |
| 3742664.29 | 0.00078 | 0.00082 | 0.00085 | 0.00089 | 0.00093 | 0.00099 | 0.00110 | 0.00140 | 0.00281 |
| 3742614.29 | 0.00135 | 0.00138 | 0.00139 | 0.00140 | 0.00141 | 0.00144 | 0.00151 | 0.00171 | 0.00295 |
| 3742564.29 | 0.00334 | 0.00255 | 0.00328 | 0.00319 | 0.00312 | 0.00390 | 0.00370 | 0.00440 | 0.00461 |
| 3742514.29 | 0.00149 | 0.00157 | 0.00165 | 0.00171 | 0.00177 | 0.00184 | 0.00190 | 0.00196 | 0.00189 |
| 3742464.29 | 0.00082 | 0.00087 | 0.00091 | 0.00095 | 0.00097 | 0.00100 | 0.00101 | 0.00101 | 0.00095 |
| 3742414.29 | 0.00057 | 0.00061 | 0.00064 | 0.00066 | 0.00068 | 0.00069 | 0.00069 | 0.00068 | 0.00065 |
| 3742364.29 | 0.00043 | 0.00046 | 0.00049 | 0.00050 | 0.00052 | 0.00053 | 0.00053 | 0.00052 | 0.00050 |
| 3742314.29 | 0.00035 | 0.00037 | 0.00039 | 0.00041 | 0.00042 | 0.00042 | 0.00042 | 0.00042 | 0.00041 |
| 3742264.29 | 0.00029 | 0.00031 | 0.00033 | 0.00034 | 0.00035 | 0.00035 | 0.00036 | 0.00035 | 0.00035 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00025 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00030 | 0.00031 | 0.00030 | 0.00030 |
| 3742164.29 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 |
| 3742114.29 | 0.00020 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 |
| 3742064.29 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 |
| 3742014.29 | 0.00016 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 |
| 3741964.29 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00024 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 |
| 3743764.29 | 0.00026 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00030 | 0.00031 | 0.00031 | 0.00031 |
| 3743714.29 | 0.00029 | 0.00030 | 0.00032 | 0.00032 | 0.00033 | 0.00034 | 0.00034 | 0.00035 | 0.00035 |
| 3743664.29 | 0.00033 | 0.00035 | 0.00036 | 0.00037 | 0.00038 | 0.00038 | 0.00039 | 0.00039 | 0.00040 |
| 3743614.29 | 0.00038 | 0.00040 | 0.00042 | 0.00043 | 0.00044 | 0.00045 | 0.00045 | 0.00045 | 0.00046 |
| 3743564.29 | 0.00046 | 0.00048 | 0.00050 | 0.00052 | 0.00053 | 0.00053 | 0.00054 | 0.00054 | 0.00054 |
| 3743514.29 | 0.00058 | 0.00062 | 0.00064 | 0.00065 | 0.00066 | 0.00066 | 0.00067 | 0.00067 | 0.00067 |
| 3743464.29 | 0.00080 | 0.00086 | 0.00089 | 0.00090 | 0.00090 | 0.00090 | 0.00089 | 0.00089 | 0.00089 |
| 3743414.29 | 0.00139 | 0.00149 | 0.00150 | 0.00149 | 0.00147 | 0.00146 | 0.00144 | 0.00143 | 0.00141 |
| 3743364.29 | 0.00367 | 0.00348 | 0.00345 | 0.00348 | 0.00269 | 0.00338 | 0.00326 | 0.00321 | 0.00319 |
| 3743314.29 | 0.00305 | 0.00201 | 0.00186 | 0.00182 | 0.00181 | 0.00181 | 0.00181 | 0.00183 | 0.00185 |
| 3743264.29 | 0.00284 | 0.00151 | 0.00125 | 0.00116 | 0.00112 | 0.00110 | 0.00109 | 0.00108 | 0.00108 |
| 3743214.29 | 0.00276 | 0.00138 | 0.00106 | 0.00094 | 0.00088 | 0.00085 | 0.00083 | 0.00082 | 0.00081 |
| 3743164.29 | 0.00273 | 0.00132 | 0.00098 | 0.00084 | 0.00077 | 0.00072 | 0.00070 | 0.00068 | 0.00067 |
| 3743114.29 | 0.00274 | 0.00129 | 0.00094 | 0.00078 | 0.00070 | 0.00065 | 0.00062 | 0.00060 | 0.00059 |
| 3743064.29 | 0.00273 | 0.00128 | 0.00091 | 0.00075 | 0.00066 | 0.00060 | 0.00057 | 0.00055 | 0.00053 |
| 3743014.29 | 0.00272 | 0.00126 | 0.00089 | 0.00072 | 0.00063 | 0.00057 | 0.00053 | 0.00051 | 0.00049 |
| 3742964.29 | 0.00270 | 0.00126 | 0.00088 | 0.00070 | 0.00061 | 0.00055 | 0.00051 | 0.00048 | 0.00046 |
| 3742914.29 | 0.00270 | 0.00125 | 0.00087 | 0.00069 | 0.00059 | 0.00053 | 0.00049 | 0.00046 | 0.00044 |
| 3742864.29 | 0.00270 | 0.00124 | 0.00086 | 0.00068 | 0.00058 | 0.00051 | 0.00047 | 0.00044 | 0.00041 |
| 3742814.29 | 0.00270 | 0.00124 | 0.00085 | 0.00067 | 0.00056 | 0.00050 | 0.00045 | 0.00042 | 0.00040 |
| 3742764.29 | 0.00267 | 0.00123 | 0.00084 | 0.00066 | 0.00055 | 0.00048 | 0.00043 | 0.00040 | 0.00038 |
| 3742714.29 | 0.00265 | 0.00122 | 0.00083 | 0.00064 | 0.00053 | 0.00046 | 0.00042 | 0.00039 | 0.00036 |
| 3742664.29 | 0.00266 | 0.00120 | 0.00080 | 0.00062 | 0.00051 | 0.00045 | 0.00040 | 0.00037 | 0.00035 |
| 3742614.29 | 0.00265 | 0.00115 | 0.00076 | 0.00059 | 0.00049 | 0.00043 | 0.00038 | 0.00035 | 0.00033 |
| 3742564.29 | 0.00233 | 0.00103 | 0.00070 | 0.00055 | 0.00046 | 0.00040 | 0.00036 | 0.00034 | 0.00032 |
| 3742514.29 | 0.00131 | 0.00084 | 0.00062 | 0.00050 | 0.00043 | 0.00038 | 0.00035 | 0.00032 | 0.00030 |
| 3742464.29 | 0.00082 | 0.00066 | 0.00054 | 0.00045 | 0.00040 | 0.00036 | 0.00033 | 0.00030 | 0.00029 |
| 3742414.29 | 0.00060 | 0.00053 | 0.00046 | 0.00041 | 0.00036 | 0.00033 | 0.00031 | 0.00029 | 0.00027 |
| 3742364.29 | 0.00048 | 0.00044 | 0.00040 | 0.00036 | 0.00033 | 0.00031 | 0.00029 | 0.00027 | 0.00026 |
| 3742314.29 | 0.00040 | 0.00038 | 0.00035 | 0.00033 | 0.00031 | 0.00029 | 0.00027 | 0.00026 | 0.00025 |
| 3742264.29 | 0.00034 | 0.00033 | 0.00031 | 0.00030 | 0.00028 | 0.00027 | 0.00025 | 0.00024 | 0.00023 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00030 | 0.00029 | 0.00028 | 0.00027 | 0.00026 | 0.00025 | 0.00024 | 0.00023 | 0.00022 |
| 3742164.29 | 0.00026 | 0.00026 | 0.00025 | 0.00025 | 0.00024 | 0.00023 | 0.00022 | 0.00022 | 0.00021 |
| 3742114.29 | 0.00024 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00021 | 0.00020 | 0.00020 |
| 3742064.29 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00019 | 0.00019 |
| 3742014.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00019 | 0.00019 | 0.00018 | 0.00018 |
| 3741964.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | 0.00017 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
PAGE 45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00031 | 0.00031 | 0.00031 | 0.00032 | 0.00032 |
| 3743764.29 | 0.00032 | 0.00032 | 0.00032 | 0.00033 | 0.00033 | 0.00033 | 0.00034 | 0.00035 | 0.00035 |
| 3743714.29 | 0.00035 | 0.00036 | 0.00036 | 0.00036 | 0.00037 | 0.00037 | 0.00038 | 0.00038 | 0.00039 |
| 3743664.29 | 0.00040 | 0.00040 | 0.00041 | 0.00041 | 0.00041 | 0.00042 | 0.00042 | 0.00043 | 0.00043 |
| 3743614.29 | 0.00046 | 0.00046 | 0.00047 | 0.00047 | 0.00048 | 0.00048 | 0.00048 | 0.00049 | 0.00049 |
| 3743564.29 | 0.00054 | 0.00054 | 0.00055 | 0.00055 | 0.00056 | 0.00056 | 0.00056 | 0.00057 | 0.00057 |
| 3743514.29 | 0.00067 | 0.00067 | 0.00067 | 0.00068 | 0.00068 | 0.00068 | 0.00068 | 0.00069 | 0.00069 |
| 3743464.29 | 0.00089 | 0.00089 | 0.00089 | 0.00089 | 0.00089 | 0.00089 | 0.00089 | 0.00089 | 0.00089 |
| 3743414.29 | 0.00140 | 0.00139 | 0.00138 | 0.00138 | 0.00137 | 0.00136 | 0.00135 | 0.00135 | 0.00135 |
| 3743364.29 | 0.00394 | 0.00384 | 0.00378 | 0.00452 | 0.00434 | 0.00421 | 0.00407 | 0.00394 | 0.00383 |
| 3743314.29 | 0.00187 | 0.00189 | 0.00192 | 0.00195 | 0.00196 | 0.00200 | 0.00203 | 0.00207 | 0.00211 |
| 3743264.29 | 0.00109 | 0.00109 | 0.00110 | 0.00111 | 0.00111 | 0.00113 | 0.00114 | 0.00115 | 0.00117 |
| 3743214.29 | 0.00081 | 0.00081 | 0.00082 | 0.00082 | 0.00082 | 0.00083 | 0.00084 | 0.00085 | 0.00086 |
| 3743164.29 | 0.00067 | 0.00067 | 0.00067 | 0.00067 | 0.00067 | 0.00068 | 0.00069 | 0.00069 | 0.00070 |
| 3743114.29 | 0.00058 | 0.00058 | 0.00058 | 0.00058 | 0.00058 | 0.00058 | 0.00059 | 0.00060 | 0.00061 |
| 3743064.29 | 0.00052 | 0.00052 | 0.00052 | 0.00051 | 0.00052 | 0.00052 | 0.00052 | 0.00053 | 0.00054 |
| 3743014.29 | 0.00048 | 0.00047 | 0.00047 | 0.00047 | 0.00047 | 0.00047 | 0.00048 | 0.00048 | 0.00049 |
| 3742964.29 | 0.00045 | 0.00044 | 0.00043 | 0.00043 | 0.00043 | 0.00043 | 0.00044 | 0.00044 | 0.00045 |
| 3742914.29 | 0.00042 | 0.00041 | 0.00041 | 0.00040 | 0.00040 | 0.00040 | 0.00041 | 0.00041 | 0.00042 |
| 3742864.29 | 0.00040 | 0.00039 | 0.00038 | 0.00038 | 0.00038 | 0.00038 | 0.00038 | 0.00039 | 0.00039 |
| 3742814.29 | 0.00038 | 0.00037 | 0.00036 | 0.00036 | 0.00036 | 0.00036 | 0.00036 | 0.00036 | 0.00037 |
| 3742764.29 | 0.00036 | 0.00035 | 0.00034 | 0.00034 | 0.00034 | 0.00034 | 0.00034 | 0.00034 | 0.00035 |
| 3742714.29 | 0.00035 | 0.00034 | 0.00033 | 0.00032 | 0.00032 | 0.00032 | 0.00032 | 0.00033 | 0.00033 |
| 3742664.29 | 0.00033 | 0.00032 | 0.00031 | 0.00031 | 0.00031 | 0.00031 | 0.00031 | 0.00031 | 0.00031 |
| 3742614.29 | 0.00032 | 0.00031 | 0.00030 | 0.00029 | 0.00029 | 0.00029 | 0.00029 | 0.00029 | 0.00030 |
| 3742564.29 | 0.00030 | 0.00029 | 0.00029 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 |
| 3742514.29 | 0.00029 | 0.00028 | 0.00027 | 0.00027 | 0.00027 | 0.00026 | 0.00026 | 0.00027 | 0.00027 |
| 3742464.29 | 0.00028 | 0.00027 | 0.00026 | 0.00026 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 |
| 3742414.29 | 0.00026 | 0.00026 | 0.00025 | 0.00025 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00024 |
| 3742364.29 | 0.00025 | 0.00024 | 0.00024 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 |
| 3742314.29 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00022 |
| 3742264.29 | 0.00023 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00022 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 |
| 3742164.29 | 0.00021 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3742114.29 | 0.00020 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 3742064.29 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | 0.00017 |
| 3742014.29 | 0.00018 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3741964.29 | 0.00017 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
PAGE 46

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00033 | 0.00033 | 0.00033 | 0.00034 | 0.00035 | 0.00035 | 0.00036 | 0.00036 | 0.00037 |
| 3743764.29 | 0.00036 | 0.00036 | 0.00037 | 0.00037 | 0.00038 | 0.00039 | 0.00039 | 0.00040 | 0.00041 |
| 3743714.29 | 0.00039 | 0.00040 | 0.00041 | 0.00041 | 0.00042 | 0.00043 | 0.00044 | 0.00045 | 0.00046 |
| 3743664.29 | 0.00044 | 0.00045 | 0.00045 | 0.00046 | 0.00047 | 0.00048 | 0.00049 | 0.00050 | 0.00051 |
| 3743614.29 | 0.00050 | 0.00051 | 0.00051 | 0.00052 | 0.00053 | 0.00054 | 0.00056 | 0.00057 | 0.00059 |
| 3743564.29 | 0.00058 | 0.00059 | 0.00059 | 0.00060 | 0.00062 | 0.00063 | 0.00064 | 0.00066 | 0.00068 |
| 3743514.29 | 0.00070 | 0.00071 | 0.00071 | 0.00072 | 0.00074 | 0.00075 | 0.00077 | 0.00079 | 0.00082 |
| 3743464.29 | 0.00090 | 0.00090 | 0.00091 | 0.00092 | 0.00094 | 0.00095 | 0.00097 | 0.00100 | 0.00103 |
| 3743414.29 | 0.00135 | 0.00135 | 0.00135 | 0.00135 | 0.00136 | 0.00138 | 0.00140 | 0.00142 | 0.00145 |
| 3743364.29 | 0.00373 | 0.00363 | 0.00353 | 0.00347 | 0.00340 | 0.00334 | 0.00329 | 0.00326 | 0.00323 |
| 3743314.29 | 0.00214 | 0.00219 | 0.00223 | 0.00228 | 0.00234 | 0.00240 | 0.00247 | 0.00255 | 0.00265 |
| 3743264.29 | 0.00118 | 0.00121 | 0.00123 | 0.00125 | 0.00129 | 0.00133 | 0.00138 | 0.00144 | 0.00152 |
| 3743214.29 | 0.00087 | 0.00089 | 0.00091 | 0.00094 | 0.00097 | 0.00100 | 0.00105 | 0.00111 | 0.00120 |
| 3743164.29 | 0.00072 | 0.00073 | 0.00075 | 0.00078 | 0.00081 | 0.00084 | 0.00089 | 0.00096 | 0.00104 |
| 3743114.29 | 0.00062 | 0.00063 | 0.00065 | 0.00068 | 0.00071 | 0.00074 | 0.00079 | 0.00086 | 0.00095 |
| 3743064.29 | 0.00055 | 0.00057 | 0.00059 | 0.00061 | 0.00064 | 0.00067 | 0.00072 | 0.00078 | 0.00087 |
| 3743014.29 | 0.00050 | 0.00052 | 0.00053 | 0.00056 | 0.00058 | 0.00062 | 0.00066 | 0.00072 | 0.00080 |
| 3742964.29 | 0.00046 | 0.00048 | 0.00049 | 0.00051 | 0.00054 | 0.00057 | 0.00061 | 0.00067 | 0.00074 |
| 3742914.29 | 0.00043 | 0.00044 | 0.00046 | 0.00048 | 0.00050 | 0.00053 | 0.00057 | 0.00062 | 0.00068 |
| 3742864.29 | 0.00040 | 0.00041 | 0.00043 | 0.00045 | 0.00047 | 0.00049 | 0.00053 | 0.00057 | 0.00062 |
| 3742814.29 | 0.00038 | 0.00039 | 0.00040 | 0.00042 | 0.00044 | 0.00046 | 0.00049 | 0.00052 | 0.00057 |
| 3742764.29 | 0.00036 | 0.00037 | 0.00038 | 0.00039 | 0.00041 | 0.00043 | 0.00045 | 0.00048 | 0.00052 |
| 3742714.29 | 0.00034 | 0.00034 | 0.00035 | 0.00037 | 0.00038 | 0.00040 | 0.00042 | 0.00044 | 0.00047 |
| 3742664.29 | 0.00032 | 0.00033 | 0.00033 | 0.00034 | 0.00036 | 0.00037 | 0.00039 | 0.00041 | 0.00043 |
| 3742614.29 | 0.00030 | 0.00031 | 0.00031 | 0.00032 | 0.00033 | 0.00035 | 0.00036 | 0.00038 | 0.00039 |
| 3742564.29 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00031 | 0.00032 | 0.00033 | 0.00035 | 0.00036 |
| 3742514.29 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00033 |
| 3742464.29 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00030 | 0.00031 |
| 3742414.29 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 |
| 3742364.29 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00026 | 0.00026 |
| 3742314.29 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00025 |
| 3742264.29 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00022 |
| 3742164.29 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 |
| 3742114.29 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3742064.29 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 3742014.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3741964.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
| 3743814.29 | 0.00038 | 0.00038 | 0.00039 | 0.00039 | 0.00039 | 0.00039 | 0.00039 | 0.00038 | 0.00037 |
| 3743764.29 | 0.00042 | 0.00043 | 0.00043 | 0.00044 | 0.00044 | 0.00044 | 0.00044 | 0.00043 | 0.00042 |
| 3743714.29 | 0.00047 | 0.00048 | 0.00049 | 0.00049 | 0.00050 | 0.00050 | 0.00050 | 0.00049 | 0.00048 |
| 3743664.29 | 0.00053 | 0.00054 | 0.00055 | 0.00056 | 0.00057 | 0.00058 | 0.00057 | 0.00057 | 0.00055 |
| 3743614.29 | 0.00060 | 0.00062 | 0.00064 | 0.00066 | 0.00067 | 0.00067 | 0.00067 | 0.00066 | 0.00064 |
| 3743564.29 | 0.00071 | 0.00073 | 0.00075 | 0.00078 | 0.00079 | 0.00080 | 0.00081 | 0.00080 | 0.00077 |
| 3743514.29 | 0.00085 | 0.00088 | 0.00091 | 0.00095 | 0.00097 | 0.00099 | 0.00099 | 0.00098 | 0.00095 |
| 3743464.29 | 0.00107 | 0.00111 | 0.00116 | 0.00121 | 0.00125 | 0.00127 | 0.00126 | 0.00125 | 0.00123 |
| 3743414.29 | 0.00150 | 0.00156 | 0.00163 | 0.00172 | 0.00178 | 0.00176 | 0.00168 | 0.00168 | 0.00169 |
| 3743364.29 | 0.00324 | 0.00326 | 0.00333 | 0.00344 | 0.00361 | 0.00314 | 0.00235 | 0.00237 | 0.00268 |
| 3743314.29 | 0.00278 | 0.00294 | 0.00317 | 0.00353 | 0.00445 | 0.00785 | 0.00324 | 0.00350 | 0.00556 |
| 3743264.29 | 0.00163 | 0.00179 | 0.00203 | 0.00250 | 0.00385 | 0.00850 | 0.00406 | 0.00523 | 0.01441 |
| 3743214.29 | 0.00132 | 0.00150 | 0.00179 | 0.00234 | 0.00386 | 0.00877 | 0.00468 | 0.00693 | 0.01979 |
| 3743164.29 | 0.00117 | 0.00136 | 0.00168 | 0.00228 | 0.00389 | 0.00892 | 0.00503 | 0.00766 | 0.02141 |
| 3743114.29 | 0.00108 | 0.00127 | 0.00160 | 0.00222 | 0.00390 | 0.00900 | 0.00518 | 0.00762 | 0.02145 |
| 3743064.29 | 0.00100 | 0.00119 | 0.00150 | 0.00211 | 0.00381 | 0.00925 | 0.00575 | 0.00727 | 0.01385 |
| 3743014.29 | 0.00092 | 0.00109 | 0.00137 | 0.00188 | 0.00331 | 0.01007 | 0.00939 | 0.01008 | 0.01153 |
| 3742964.29 | 0.00084 | 0.00099 | 0.00120 | 0.00157 | 0.00226 | 0.00352 | 0.00446 | 0.00478 | 0.00475 |
| 3742914.29 | 0.00076 | 0.00088 | 0.00104 | 0.00127 | 0.00160 | 0.00201 | 0.00238 | 0.00256 | 0.00255 |
| 3742864.29 | 0.00069 | 0.00078 | 0.00089 | 0.00103 | 0.00121 | 0.00141 | 0.00158 | 0.00169 | 0.00170 |
| 3742814.29 | 0.00062 | 0.00068 | 0.00076 | 0.00085 | 0.00096 | 0.00107 | 0.00117 | 0.00123 | 0.00124 |
| 3742764.29 | 0.00056 | 0.00060 | 0.00066 | 0.00072 | 0.00079 | 0.00085 | 0.00091 | 0.00095 | 0.00096 |
| 3742714.29 | 0.00050 | 0.00054 | 0.00058 | 0.00062 | 0.00066 | 0.00070 | 0.00074 | 0.00077 | 0.00078 |
| 3742664.29 | 0.00045 | 0.00048 | 0.00051 | 0.00054 | 0.00057 | 0.00059 | 0.00062 | 0.00064 | 0.00065 |
| 3742614.29 | 0.00041 | 0.00043 | 0.00045 | 0.00047 | 0.00049 | 0.00051 | 0.00053 | 0.00054 | 0.00055 |
| 3742564.29 | 0.00037 | 0.00039 | 0.00041 | 0.00042 | 0.00044 | 0.00045 | 0.00046 | 0.00047 | 0.00048 |
| 3742514.29 | 0.00034 | 0.00035 | 0.00037 | 0.00038 | 0.00039 | 0.00040 | 0.00041 | 0.00042 | 0.00042 |
| 3742464.29 | 0.00032 | 0.00032 | 0.00033 | 0.00034 | 0.00035 | 0.00036 | 0.00036 | 0.00037 | 0.00037 |
| 3742414.29 | 0.00029 | 0.00030 | 0.00031 | 0.00031 | 0.00032 | 0.00032 | 0.00033 | 0.00033 | 0.00034 |
| 3742364.29 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00030 |
| 3742314.29 | 0.00025 | 0.00026 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 | 0.00028 | 0.00028 |
| 3742264.29 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00024 |
| 3742164.29 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 |
| 3742114.29 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 |
| 3742064.29 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3742014.29 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 3741964.29 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | X-COORD (METERS) | | | | | |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
| 3743814.29 | 0.00036 | 0.00035 | 0.00033 | 0.00032 | 0.00030 | 0.00029 | 0.00027 | 0.00025 | 0.00024 |
| 3743764.29 | 0.00041 | 0.00039 | 0.00037 | 0.00035 | 0.00033 | 0.00031 | 0.00029 | 0.00027 | 0.00026 |
| 3743714.29 | 0.00046 | 0.00044 | 0.00042 | 0.00039 | 0.00037 | 0.00034 | 0.00032 | 0.00030 | 0.00028 |
| 3743664.29 | 0.00053 | 0.00050 | 0.00047 | 0.00044 | 0.00041 | 0.00038 | 0.00035 | 0.00032 | 0.00030 |
| 3743614.29 | 0.00062 | 0.00058 | 0.00054 | 0.00050 | 0.00046 | 0.00042 | 0.00038 | 0.00035 | 0.00032 |
| 3743564.29 | 0.00073 | 0.00069 | 0.00063 | 0.00057 | 0.00052 | 0.00047 | 0.00042 | 0.00038 | 0.00034 |
| 3743514.29 | 0.00090 | 0.00083 | 0.00075 | 0.00066 | 0.00059 | 0.00052 | 0.00046 | 0.00041 | 0.00037 |
| 3743464.29 | 0.00115 | 0.00103 | 0.00090 | 0.00078 | 0.00067 | 0.00058 | 0.00051 | 0.00044 | 0.00039 |
| 3743414.29 | 0.00158 | 0.00135 | 0.00112 | 0.00092 | 0.00077 | 0.00065 | 0.00055 | 0.00048 | 0.00042 |
| 3743364.29 | 0.00255 | 0.00188 | 0.00141 | 0.00110 | 0.00088 | 0.00072 | 0.00060 | 0.00051 | 0.00044 |
| 3743314.29 | 0.00616 | 0.00272 | 0.00178 | 0.00129 | 0.00099 | 0.00079 | 0.00065 | 0.00054 | 0.00047 |
| 3743264.29 | 0.00969 | 0.00366 | 0.00216 | 0.00148 | 0.00109 | 0.00085 | 0.00069 | 0.00057 | 0.00048 |
| 3743214.29 | 0.01213 | 0.00442 | 0.00247 | 0.00162 | 0.00117 | 0.00090 | 0.00072 | 0.00059 | 0.00050 |
| 3743164.29 | 0.01288 | 0.00479 | 0.00263 | 0.00171 | 0.00122 | 0.00092 | 0.00073 | 0.00060 | 0.00050 |
| 3743114.29 | 0.01242 | 0.00473 | 0.00262 | 0.00171 | 0.00122 | 0.00092 | 0.00073 | 0.00060 | 0.00050 |
| 3743064.29 | 0.01052 | 0.00423 | 0.00245 | 0.00164 | 0.00118 | 0.00090 | 0.00072 | 0.00059 | 0.00050 |
| 3743014.29 | 0.00750 | 0.00344 | 0.00216 | 0.00150 | 0.00111 | 0.00087 | 0.00070 | 0.00057 | 0.00049 |
| 3742964.29 | 0.00379 | 0.00256 | 0.00181 | 0.00134 | 0.00103 | 0.00081 | 0.00066 | 0.00055 | 0.00047 |
| 3742914.29 | 0.00230 | 0.00188 | 0.00148 | 0.00117 | 0.00093 | 0.00076 | 0.00063 | 0.00053 | 0.00045 |
| 3742864.29 | 0.00160 | 0.00142 | 0.00121 | 0.00101 | 0.00083 | 0.00069 | 0.00059 | 0.00050 | 0.00043 |
| 3742814.29 | 0.00120 | 0.00111 | 0.00099 | 0.00086 | 0.00074 | 0.00063 | 0.00055 | 0.00047 | 0.00041 |
| 3742764.29 | 0.00095 | 0.00090 | 0.00083 | 0.00075 | 0.00066 | 0.00058 | 0.00051 | 0.00044 | 0.00039 |
| 3742714.29 | 0.00077 | 0.00075 | 0.00070 | 0.00065 | 0.00059 | 0.00052 | 0.00047 | 0.00041 | 0.00037 |
| 3742664.29 | 0.00064 | 0.00063 | 0.00060 | 0.00057 | 0.00052 | 0.00048 | 0.00043 | 0.00039 | 0.00035 |
| 3742614.29 | 0.00055 | 0.00054 | 0.00052 | 0.00050 | 0.00047 | 0.00043 | 0.00040 | 0.00036 | 0.00033 |
| 3742564.29 | 0.00048 | 0.00047 | 0.00046 | 0.00044 | 0.00042 | 0.00039 | 0.00036 | 0.00034 | 0.00031 |
| 3742514.29 | 0.00042 | 0.00042 | 0.00041 | 0.00039 | 0.00038 | 0.00036 | 0.00034 | 0.00031 | 0.00029 |
| 3742464.29 | 0.00037 | 0.00037 | 0.00037 | 0.00036 | 0.00034 | 0.00033 | 0.00031 | 0.00029 | 0.00027 |
| 3742414.29 | 0.00034 | 0.00033 | 0.00033 | 0.00032 | 0.00031 | 0.00030 | 0.00029 | 0.00027 | 0.00026 |
| 3742364.29 | 0.00030 | 0.00030 | 0.00030 | 0.00029 | 0.00029 | 0.00028 | 0.00027 | 0.00025 | 0.00024 |
| 3742314.29 | 0.00028 | 0.00028 | 0.00027 | 0.00027 | 0.00026 | 0.00026 | 0.00025 | 0.00024 | 0.00023 |
| 3742264.29 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00024 | 0.00024 | 0.00023 | 0.00022 | 0.00021 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00024 | 0.00023 | 0.00023 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00021 | 0.00020 |
| 3742164.29 | 0.00022 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00019 |
| 3742114.29 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00019 | 0.00018 | 0.00018 |
| 3742064.29 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | 0.00017 |
| 3742014.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | 0.00017 | 0.00017 | 0.00016 | 0.00016 |
| 3741964.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00015 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00019 | 0.00018 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00013 |
| 3742164.29 | 0.00018 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00012 |
| 3742114.29 | 0.00017 | 0.00017 | 0.00016 | 0.00015 | 0.00015 | 0.00014 | 0.00013 | 0.00013 | 0.00012 |
| 3742064.29 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00012 |
| 3742014.29 | 0.00016 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00012 | 0.00012 | 0.00011 |
| 3741964.29 | 0.00015 | 0.00014 | 0.00014 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00011 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated *** 09:38:24
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|-------------|-------------|---------|-------------|-------------|---------|
| 480087.78 | 3742942.06 | 0.00311 | 480087.78 | 3742999.09 | 0.00770 |
| 480089.36 | 3743069.92 | 0.01473 | 480088.70 | 3743120.51 | 0.01774 |
| 480088.70 | 3743172.03 | 0.01831 | 480088.70 | 3743211.58 | 0.01770 |
| 479731.90 | 3743352.27 | 0.00504 | 479352.56 | 3743330.25 | 0.00341 |
| 478263.32 | 3742947.12 | 0.00463 | 478262.83 | 3742909.91 | 0.00453 |
| 478261.94 | 3742876.58 | 0.00434 | 478261.35 | 3742840.90 | 0.00423 |
| 478261.94 | 3742786.92 | 0.00437 | 478283.77 | 3742805.21 | 0.00464 |
| 478282.88 | 3742737.96 | 0.00477 | 478282.88 | 3742694.02 | 0.00477 |
| 478261.65 | 3742700.21 | 0.00436 | 478262.24 | 3742621.47 | 0.00459 |
| 478261.65 | 3742441.85 | 0.00077 | 478263.42 | 3742373.72 | 0.00052 |
| 478263.42 | 3742349.83 | 0.00047 | 480290.16 | 3743075.32 | 0.00126 |
| 480292.20 | 3743224.73 | 0.00121 | 479925.99 | 3743352.56 | 0.00287 |
| 479732.34 | 3743330.22 | 0.00467 | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
*** 09:38:24
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

** CONC OF DPM IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE CONC | RECEPTOR | (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | NETWORK GRID-ID |
|----------|-----------------------|--------------|--|---------|-----------------|
| ALL | 1ST HIGHEST VALUE IS | 0.02145 AT (| 480049.08, 3743114.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 2ND HIGHEST VALUE IS | 0.02141 AT (| 480049.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 3RD HIGHEST VALUE IS | 0.01979 AT (| 480049.08, 3743214.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 4TH HIGHEST VALUE IS | 0.01831 AT (| 480088.70, 3743172.03, 439.00, 439.00, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 0.01774 AT (| 480088.70, 3743120.51, 439.00, 439.00, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 0.01770 AT (| 480088.70, 3743211.58, 439.00, 439.00, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.01473 AT (| 480089.36, 3743069.92, 439.00, 439.00, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 0.01441 AT (| 480049.08, 3743264.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 9TH HIGHEST VALUE IS | 0.01385 AT (| 480049.08, 3743064.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 10TH HIGHEST VALUE IS | 0.01288 AT (| 480099.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB1 - Mitigated

*** 07/29/20
*** 09:38:24
*** PAGE 52

*** 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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 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 ***

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*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 7/28/2020
** File: C:\Users\eliza\Desktop\FIR Redlands\ProjectAB2Mit\ProjectAB2Mit.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE First Industrial Warehouse at Rider and Redlands
  TITLETWO Project Only DPM Concentrations (2022) AB2 - Mitigated
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL ProjectAB2Mit.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 Redlands Ave b/n South Project Driveway and Rider St
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001037
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479888.795, 3743008.989, 439.00, 3.49, 4.00
** 479889.111, 3743340.543, 439.08, 3.49, 4.00
** -----
  LOCATION L0002142      VOLUME      479888.799 3743013.284 439.00

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| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0002143 | VOLUME | 479888.807 | 3743021.874 | 439.00 | |
| LOCATION L0002144 | VOLUME | 479888.816 | 3743030.464 | 439.00 | |
| LOCATION L0002145 | VOLUME | 479888.824 | 3743039.054 | 439.00 | |
| LOCATION L0002146 | VOLUME | 479888.832 | 3743047.644 | 439.00 | |
| LOCATION L0002147 | VOLUME | 479888.840 | 3743056.234 | 439.00 | |
| LOCATION L0002148 | VOLUME | 479888.848 | 3743064.824 | 439.00 | |
| LOCATION L0002149 | VOLUME | 479888.857 | 3743073.414 | 439.00 | |
| LOCATION L0002150 | VOLUME | 479888.865 | 3743082.004 | 439.00 | |
| LOCATION L0002151 | VOLUME | 479888.873 | 3743090.594 | 439.00 | |
| LOCATION L0002152 | VOLUME | 479888.881 | 3743099.184 | 439.00 | |
| LOCATION L0002153 | VOLUME | 479888.889 | 3743107.774 | 439.00 | |
| LOCATION L0002154 | VOLUME | 479888.898 | 3743116.364 | 439.00 | |
| LOCATION L0002155 | VOLUME | 479888.906 | 3743124.954 | 439.01 | |
| LOCATION L0002156 | VOLUME | 479888.914 | 3743133.544 | 439.02 | |
| LOCATION L0002157 | VOLUME | 479888.922 | 3743142.134 | 439.03 | |
| LOCATION L0002158 | VOLUME | 479888.930 | 3743150.724 | 439.03 | |
| LOCATION L0002159 | VOLUME | 479888.939 | 3743159.314 | 439.03 | |
| LOCATION L0002160 | VOLUME | 479888.947 | 3743167.904 | 439.03 | |
| LOCATION L0002161 | VOLUME | 479888.955 | 3743176.494 | 439.03 | |
| LOCATION L0002162 | VOLUME | 479888.963 | 3743185.084 | 439.03 | |
| LOCATION L0002163 | VOLUME | 479888.971 | 3743193.674 | 439.03 | |
| LOCATION L0002164 | VOLUME | 479888.980 | 3743202.264 | 439.03 | |
| LOCATION L0002165 | VOLUME | 479888.988 | 3743210.854 | 439.03 | |
| LOCATION L0002166 | VOLUME | 479888.996 | 3743219.444 | 439.03 | |
| LOCATION L0002167 | VOLUME | 479889.004 | 3743228.034 | 439.03 | |
| LOCATION L0002168 | VOLUME | 479889.012 | 3743236.624 | 439.03 | |
| LOCATION L0002169 | VOLUME | 479889.020 | 3743245.214 | 439.03 | |
| LOCATION L0002170 | VOLUME | 479889.029 | 3743253.804 | 439.03 | |
| LOCATION L0002171 | VOLUME | 479889.037 | 3743262.394 | 439.03 | |
| LOCATION L0002172 | VOLUME | 479889.045 | 3743270.984 | 439.03 | |
| LOCATION L0002173 | VOLUME | 479889.053 | 3743279.574 | 439.03 | |
| LOCATION L0002174 | VOLUME | 479889.061 | 3743288.164 | 439.03 | |
| LOCATION L0002175 | VOLUME | 479889.070 | 3743296.754 | 439.03 | |
| LOCATION L0002176 | VOLUME | 479889.078 | 3743305.344 | 439.03 | |
| LOCATION L0002177 | VOLUME | 479889.086 | 3743313.934 | 439.03 | |
| LOCATION L0002178 | VOLUME | 479889.094 | 3743322.524 | 439.03 | |
| LOCATION L0002179 | VOLUME | 479889.102 | 3743331.114 | 439.03 | |
| LOCATION L0002180 | VOLUME | 479889.111 | 3743339.704 | 439.03 | |

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** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Rider St b/n Redlands Ave and Indian Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00003283
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479877.508, 3743340.588, 439.62, 3.49, 4.00

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** 478273.056, 3743363.748, 447.00, 3.49, 4.00

**

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002181 | VOLUME | 479873.213 | 3743340.650 | 439.56 |
| LOCATION | L0002182 | VOLUME | 479864.624 | 3743340.774 | 439.84 |
| LOCATION | L0002183 | VOLUME | 479856.035 | 3743340.898 | 440.00 |
| LOCATION | L0002184 | VOLUME | 479847.446 | 3743341.022 | 440.00 |
| LOCATION | L0002185 | VOLUME | 479838.857 | 3743341.146 | 440.00 |
| LOCATION | L0002186 | VOLUME | 479830.267 | 3743341.270 | 440.00 |
| LOCATION | L0002187 | VOLUME | 479821.678 | 3743341.394 | 440.00 |
| LOCATION | L0002188 | VOLUME | 479813.089 | 3743341.518 | 440.00 |
| LOCATION | L0002189 | VOLUME | 479804.500 | 3743341.642 | 440.00 |
| LOCATION | L0002190 | VOLUME | 479795.911 | 3743341.766 | 440.00 |
| LOCATION | L0002191 | VOLUME | 479787.322 | 3743341.890 | 440.00 |
| LOCATION | L0002192 | VOLUME | 479778.733 | 3743342.014 | 440.00 |
| LOCATION | L0002193 | VOLUME | 479770.144 | 3743342.138 | 440.00 |
| LOCATION | L0002194 | VOLUME | 479761.555 | 3743342.262 | 440.00 |
| LOCATION | L0002195 | VOLUME | 479752.965 | 3743342.386 | 440.00 |
| LOCATION | L0002196 | VOLUME | 479744.376 | 3743342.510 | 440.00 |
| LOCATION | L0002197 | VOLUME | 479735.787 | 3743342.634 | 440.00 |
| LOCATION | L0002198 | VOLUME | 479727.198 | 3743342.758 | 440.00 |
| LOCATION | L0002199 | VOLUME | 479718.609 | 3743342.882 | 440.00 |
| LOCATION | L0002200 | VOLUME | 479710.020 | 3743343.006 | 440.00 |
| LOCATION | L0002201 | VOLUME | 479701.431 | 3743343.130 | 440.00 |
| LOCATION | L0002202 | VOLUME | 479692.842 | 3743343.254 | 440.00 |
| LOCATION | L0002203 | VOLUME | 479684.253 | 3743343.378 | 440.00 |
| LOCATION | L0002204 | VOLUME | 479675.664 | 3743343.502 | 440.00 |
| LOCATION | L0002205 | VOLUME | 479667.074 | 3743343.626 | 440.00 |
| LOCATION | L0002206 | VOLUME | 479658.485 | 3743343.750 | 440.00 |
| LOCATION | L0002207 | VOLUME | 479649.896 | 3743343.874 | 440.00 |
| LOCATION | L0002208 | VOLUME | 479641.307 | 3743343.998 | 440.00 |
| LOCATION | L0002209 | VOLUME | 479632.718 | 3743344.122 | 440.00 |
| LOCATION | L0002210 | VOLUME | 479624.129 | 3743344.246 | 440.00 |
| LOCATION | L0002211 | VOLUME | 479615.540 | 3743344.370 | 440.00 |
| LOCATION | L0002212 | VOLUME | 479606.951 | 3743344.494 | 440.00 |
| LOCATION | L0002213 | VOLUME | 479598.362 | 3743344.618 | 440.00 |
| LOCATION | L0002214 | VOLUME | 479589.772 | 3743344.742 | 440.01 |
| LOCATION | L0002215 | VOLUME | 479581.183 | 3743344.866 | 440.29 |
| LOCATION | L0002216 | VOLUME | 479572.594 | 3743344.990 | 440.58 |
| LOCATION | L0002217 | VOLUME | 479564.005 | 3743345.114 | 440.86 |
| LOCATION | L0002218 | VOLUME | 479555.416 | 3743345.238 | 441.00 |
| LOCATION | L0002219 | VOLUME | 479546.827 | 3743345.362 | 441.00 |
| LOCATION | L0002220 | VOLUME | 479538.238 | 3743345.486 | 441.00 |
| LOCATION | L0002221 | VOLUME | 479529.649 | 3743345.609 | 441.00 |
| LOCATION | L0002222 | VOLUME | 479521.060 | 3743345.733 | 441.00 |
| LOCATION | L0002223 | VOLUME | 479512.471 | 3743345.857 | 441.00 |
| LOCATION | L0002224 | VOLUME | 479503.881 | 3743345.981 | 441.00 |
| LOCATION | L0002225 | VOLUME | 479495.292 | 3743346.105 | 441.00 |
| LOCATION | L0002226 | VOLUME | 479486.703 | 3743346.229 | 441.00 |
| LOCATION | L0002227 | VOLUME | 479478.114 | 3743346.353 | 441.00 |
| LOCATION | L0002228 | VOLUME | 479469.525 | 3743346.477 | 441.00 |
| LOCATION | L0002229 | VOLUME | 479460.936 | 3743346.601 | 441.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002230 | VOLUME | 479452.347 | 3743346.725 | 441.00 |
| LOCATION | L0002231 | VOLUME | 479443.758 | 3743346.849 | 441.00 |
| LOCATION | L0002232 | VOLUME | 479435.169 | 3743346.973 | 441.00 |
| LOCATION | L0002233 | VOLUME | 479426.579 | 3743347.097 | 441.00 |
| LOCATION | L0002234 | VOLUME | 479417.990 | 3743347.221 | 441.00 |
| LOCATION | L0002235 | VOLUME | 479409.401 | 3743347.345 | 441.00 |
| LOCATION | L0002236 | VOLUME | 479400.812 | 3743347.469 | 441.00 |
| LOCATION | L0002237 | VOLUME | 479392.223 | 3743347.593 | 441.00 |
| LOCATION | L0002238 | VOLUME | 479383.634 | 3743347.717 | 441.00 |
| LOCATION | L0002239 | VOLUME | 479375.045 | 3743347.841 | 441.00 |
| LOCATION | L0002240 | VOLUME | 479366.456 | 3743347.965 | 441.00 |
| LOCATION | L0002241 | VOLUME | 479357.867 | 3743348.089 | 441.00 |
| LOCATION | L0002242 | VOLUME | 479349.278 | 3743348.213 | 441.00 |
| LOCATION | L0002243 | VOLUME | 479340.688 | 3743348.337 | 441.00 |
| LOCATION | L0002244 | VOLUME | 479332.099 | 3743348.461 | 441.00 |
| LOCATION | L0002245 | VOLUME | 479323.510 | 3743348.585 | 441.00 |
| LOCATION | L0002246 | VOLUME | 479314.921 | 3743348.709 | 441.17 |
| LOCATION | L0002247 | VOLUME | 479306.332 | 3743348.833 | 441.45 |
| LOCATION | L0002248 | VOLUME | 479297.743 | 3743348.957 | 441.74 |
| LOCATION | L0002249 | VOLUME | 479289.154 | 3743349.081 | 442.00 |
| LOCATION | L0002250 | VOLUME | 479280.565 | 3743349.205 | 442.00 |
| LOCATION | L0002251 | VOLUME | 479271.976 | 3743349.329 | 442.00 |
| LOCATION | L0002252 | VOLUME | 479263.386 | 3743349.453 | 442.00 |
| LOCATION | L0002253 | VOLUME | 479254.797 | 3743349.577 | 442.00 |
| LOCATION | L0002254 | VOLUME | 479246.208 | 3743349.701 | 442.00 |
| LOCATION | L0002255 | VOLUME | 479237.619 | 3743349.825 | 442.00 |
| LOCATION | L0002256 | VOLUME | 479229.030 | 3743349.949 | 442.00 |
| LOCATION | L0002257 | VOLUME | 479220.441 | 3743350.073 | 442.00 |
| LOCATION | L0002258 | VOLUME | 479211.852 | 3743350.197 | 442.00 |
| LOCATION | L0002259 | VOLUME | 479203.263 | 3743350.321 | 442.00 |
| LOCATION | L0002260 | VOLUME | 479194.674 | 3743350.445 | 442.00 |
| LOCATION | L0002261 | VOLUME | 479186.085 | 3743350.569 | 442.00 |
| LOCATION | L0002262 | VOLUME | 479177.495 | 3743350.693 | 442.00 |
| LOCATION | L0002263 | VOLUME | 479168.906 | 3743350.817 | 442.00 |
| LOCATION | L0002264 | VOLUME | 479160.317 | 3743350.941 | 442.00 |
| LOCATION | L0002265 | VOLUME | 479151.728 | 3743351.065 | 442.00 |
| LOCATION | L0002266 | VOLUME | 479143.139 | 3743351.189 | 442.00 |
| LOCATION | L0002267 | VOLUME | 479134.550 | 3743351.313 | 442.00 |
| LOCATION | L0002268 | VOLUME | 479125.961 | 3743351.437 | 442.00 |
| LOCATION | L0002269 | VOLUME | 479117.372 | 3743351.561 | 442.00 |
| LOCATION | L0002270 | VOLUME | 479108.783 | 3743351.685 | 442.00 |
| LOCATION | L0002271 | VOLUME | 479100.193 | 3743351.809 | 442.00 |
| LOCATION | L0002272 | VOLUME | 479091.604 | 3743351.933 | 442.00 |
| LOCATION | L0002273 | VOLUME | 479083.015 | 3743352.057 | 442.00 |
| LOCATION | L0002274 | VOLUME | 479074.426 | 3743352.181 | 442.18 |
| LOCATION | L0002275 | VOLUME | 479065.837 | 3743352.305 | 442.47 |
| LOCATION | L0002276 | VOLUME | 479057.248 | 3743352.429 | 442.76 |
| LOCATION | L0002277 | VOLUME | 479048.659 | 3743352.552 | 443.00 |
| LOCATION | L0002278 | VOLUME | 479040.070 | 3743352.676 | 443.00 |
| LOCATION | L0002279 | VOLUME | 479031.481 | 3743352.800 | 443.00 |
| LOCATION | L0002280 | VOLUME | 479022.892 | 3743352.924 | 443.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002281 | VOLUME | 479014.302 | 3743353.048 | 443.00 |
| LOCATION | L0002282 | VOLUME | 479005.713 | 3743353.172 | 443.00 |
| LOCATION | L0002283 | VOLUME | 478997.124 | 3743353.296 | 443.00 |
| LOCATION | L0002284 | VOLUME | 478988.535 | 3743353.420 | 443.00 |
| LOCATION | L0002285 | VOLUME | 478979.946 | 3743353.544 | 443.00 |
| LOCATION | L0002286 | VOLUME | 478971.357 | 3743353.668 | 443.00 |
| LOCATION | L0002287 | VOLUME | 478962.768 | 3743353.792 | 443.00 |
| LOCATION | L0002288 | VOLUME | 478954.179 | 3743353.916 | 443.18 |
| LOCATION | L0002289 | VOLUME | 478945.590 | 3743354.040 | 443.44 |
| LOCATION | L0002290 | VOLUME | 478937.000 | 3743354.164 | 443.71 |
| LOCATION | L0002291 | VOLUME | 478928.411 | 3743354.288 | 443.94 |
| LOCATION | L0002292 | VOLUME | 478919.822 | 3743354.412 | 443.96 |
| LOCATION | L0002293 | VOLUME | 478911.233 | 3743354.536 | 443.98 |
| LOCATION | L0002294 | VOLUME | 478902.644 | 3743354.660 | 444.00 |
| LOCATION | L0002295 | VOLUME | 478894.055 | 3743354.784 | 444.00 |
| LOCATION | L0002296 | VOLUME | 478885.466 | 3743354.908 | 444.00 |
| LOCATION | L0002297 | VOLUME | 478876.877 | 3743355.032 | 444.00 |
| LOCATION | L0002298 | VOLUME | 478868.288 | 3743355.156 | 444.00 |
| LOCATION | L0002299 | VOLUME | 478859.699 | 3743355.280 | 444.00 |
| LOCATION | L0002300 | VOLUME | 478851.109 | 3743355.404 | 444.00 |
| LOCATION | L0002301 | VOLUME | 478842.520 | 3743355.528 | 444.00 |
| LOCATION | L0002302 | VOLUME | 478833.931 | 3743355.652 | 444.00 |
| LOCATION | L0002303 | VOLUME | 478825.342 | 3743355.776 | 444.00 |
| LOCATION | L0002304 | VOLUME | 478816.753 | 3743355.900 | 444.00 |
| LOCATION | L0002305 | VOLUME | 478808.164 | 3743356.024 | 444.00 |
| LOCATION | L0002306 | VOLUME | 478799.575 | 3743356.148 | 444.00 |
| LOCATION | L0002307 | VOLUME | 478790.986 | 3743356.272 | 444.00 |
| LOCATION | L0002308 | VOLUME | 478782.397 | 3743356.396 | 444.00 |
| LOCATION | L0002309 | VOLUME | 478773.807 | 3743356.520 | 444.20 |
| LOCATION | L0002310 | VOLUME | 478765.218 | 3743356.644 | 444.49 |
| LOCATION | L0002311 | VOLUME | 478756.629 | 3743356.768 | 444.78 |
| LOCATION | L0002312 | VOLUME | 478748.040 | 3743356.892 | 445.00 |
| LOCATION | L0002313 | VOLUME | 478739.451 | 3743357.016 | 445.00 |
| LOCATION | L0002314 | VOLUME | 478730.862 | 3743357.140 | 445.00 |
| LOCATION | L0002315 | VOLUME | 478722.273 | 3743357.264 | 445.00 |
| LOCATION | L0002316 | VOLUME | 478713.684 | 3743357.388 | 445.00 |
| LOCATION | L0002317 | VOLUME | 478705.095 | 3743357.512 | 445.00 |
| LOCATION | L0002318 | VOLUME | 478696.506 | 3743357.636 | 445.00 |
| LOCATION | L0002319 | VOLUME | 478687.916 | 3743357.760 | 445.00 |
| LOCATION | L0002320 | VOLUME | 478679.327 | 3743357.884 | 445.00 |
| LOCATION | L0002321 | VOLUME | 478670.738 | 3743358.008 | 445.00 |
| LOCATION | L0002322 | VOLUME | 478662.149 | 3743358.132 | 445.00 |
| LOCATION | L0002323 | VOLUME | 478653.560 | 3743358.256 | 445.00 |
| LOCATION | L0002324 | VOLUME | 478644.971 | 3743358.380 | 445.00 |
| LOCATION | L0002325 | VOLUME | 478636.382 | 3743358.504 | 445.00 |
| LOCATION | L0002326 | VOLUME | 478627.793 | 3743358.628 | 445.07 |
| LOCATION | L0002327 | VOLUME | 478619.204 | 3743358.752 | 445.36 |
| LOCATION | L0002328 | VOLUME | 478610.614 | 3743358.876 | 445.64 |
| LOCATION | L0002329 | VOLUME | 478602.025 | 3743359.000 | 445.93 |
| LOCATION | L0002330 | VOLUME | 478593.436 | 3743359.124 | 446.00 |
| LOCATION | L0002331 | VOLUME | 478584.847 | 3743359.248 | 446.00 |

| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0002332 | VOLUME | 478576.258 | 3743359.372 | 446.00 | |
| LOCATION L0002333 | VOLUME | 478567.669 | 3743359.495 | 446.00 | |
| LOCATION L0002334 | VOLUME | 478559.080 | 3743359.619 | 446.00 | |
| LOCATION L0002335 | VOLUME | 478550.491 | 3743359.743 | 446.00 | |
| LOCATION L0002336 | VOLUME | 478541.902 | 3743359.867 | 446.00 | |
| LOCATION L0002337 | VOLUME | 478533.313 | 3743359.991 | 446.00 | |
| LOCATION L0002338 | VOLUME | 478524.723 | 3743360.115 | 446.00 | |
| LOCATION L0002339 | VOLUME | 478516.134 | 3743360.239 | 446.00 | |
| LOCATION L0002340 | VOLUME | 478507.545 | 3743360.363 | 446.00 | |
| LOCATION L0002341 | VOLUME | 478498.956 | 3743360.487 | 446.00 | |
| LOCATION L0002342 | VOLUME | 478490.367 | 3743360.611 | 446.00 | |
| LOCATION L0002343 | VOLUME | 478481.778 | 3743360.735 | 446.00 | |
| LOCATION L0002344 | VOLUME | 478473.189 | 3743360.859 | 446.00 | |
| LOCATION L0002345 | VOLUME | 478464.600 | 3743360.983 | 446.00 | |
| LOCATION L0002346 | VOLUME | 478456.011 | 3743361.107 | 446.00 | |
| LOCATION L0002347 | VOLUME | 478447.421 | 3743361.231 | 446.00 | |
| LOCATION L0002348 | VOLUME | 478438.832 | 3743361.355 | 446.00 | |
| LOCATION L0002349 | VOLUME | 478430.243 | 3743361.479 | 446.00 | |
| LOCATION L0002350 | VOLUME | 478421.654 | 3743361.603 | 446.00 | |
| LOCATION L0002351 | VOLUME | 478413.065 | 3743361.727 | 446.00 | |
| LOCATION L0002352 | VOLUME | 478404.476 | 3743361.851 | 446.00 | |
| LOCATION L0002353 | VOLUME | 478395.887 | 3743361.975 | 446.00 | |
| LOCATION L0002354 | VOLUME | 478387.298 | 3743362.099 | 446.00 | |
| LOCATION L0002355 | VOLUME | 478378.709 | 3743362.223 | 446.00 | |
| LOCATION L0002356 | VOLUME | 478370.120 | 3743362.347 | 446.00 | |
| LOCATION L0002357 | VOLUME | 478361.530 | 3743362.471 | 446.00 | |
| LOCATION L0002358 | VOLUME | 478352.941 | 3743362.595 | 446.23 | |
| LOCATION L0002359 | VOLUME | 478344.352 | 3743362.719 | 446.52 | |
| LOCATION L0002360 | VOLUME | 478335.763 | 3743362.843 | 446.80 | |
| LOCATION L0002361 | VOLUME | 478327.174 | 3743362.967 | 447.00 | |
| LOCATION L0002362 | VOLUME | 478318.585 | 3743363.091 | 447.00 | |
| LOCATION L0002363 | VOLUME | 478309.996 | 3743363.215 | 447.00 | |
| LOCATION L0002364 | VOLUME | 478301.407 | 3743363.339 | 447.00 | |
| LOCATION L0002365 | VOLUME | 478292.818 | 3743363.463 | 447.00 | |
| LOCATION L0002366 | VOLUME | 478284.228 | 3743363.587 | 447.00 | |
| LOCATION L0002367 | VOLUME | 478275.639 | 3743363.711 | 447.00 | |

```

** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Indian Ave b/n Rider St and Placentia Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001623
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478273.764, 3743355.843, 447.00, 3.49, 4.00
** 478272.855, 3742555.023, 444.06, 3.49, 4.00
** -----

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| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002368 | VOLUME | 478273.759 | 3743351.548 | 447.00 |
| LOCATION | L0002369 | VOLUME | 478273.749 | 3743342.958 | 447.00 |
| LOCATION | L0002370 | VOLUME | 478273.739 | 3743334.368 | 447.00 |
| LOCATION | L0002371 | VOLUME | 478273.730 | 3743325.778 | 447.00 |
| LOCATION | L0002372 | VOLUME | 478273.720 | 3743317.188 | 447.00 |
| LOCATION | L0002373 | VOLUME | 478273.710 | 3743308.598 | 447.00 |
| LOCATION | L0002374 | VOLUME | 478273.700 | 3743300.008 | 447.00 |
| LOCATION | L0002375 | VOLUME | 478273.691 | 3743291.418 | 447.00 |
| LOCATION | L0002376 | VOLUME | 478273.681 | 3743282.828 | 447.00 |
| LOCATION | L0002377 | VOLUME | 478273.671 | 3743274.238 | 447.00 |
| LOCATION | L0002378 | VOLUME | 478273.661 | 3743265.648 | 447.00 |
| LOCATION | L0002379 | VOLUME | 478273.652 | 3743257.058 | 447.00 |
| LOCATION | L0002380 | VOLUME | 478273.642 | 3743248.468 | 447.00 |
| LOCATION | L0002381 | VOLUME | 478273.632 | 3743239.878 | 447.00 |
| LOCATION | L0002382 | VOLUME | 478273.622 | 3743231.288 | 446.98 |
| LOCATION | L0002383 | VOLUME | 478273.613 | 3743222.698 | 446.94 |
| LOCATION | L0002384 | VOLUME | 478273.603 | 3743214.108 | 446.91 |
| LOCATION | L0002385 | VOLUME | 478273.593 | 3743205.518 | 446.88 |
| LOCATION | L0002386 | VOLUME | 478273.583 | 3743196.928 | 446.88 |
| LOCATION | L0002387 | VOLUME | 478273.574 | 3743188.338 | 446.88 |
| LOCATION | L0002388 | VOLUME | 478273.564 | 3743179.748 | 446.88 |
| LOCATION | L0002389 | VOLUME | 478273.554 | 3743171.158 | 446.73 |
| LOCATION | L0002390 | VOLUME | 478273.544 | 3743162.568 | 446.48 |
| LOCATION | L0002391 | VOLUME | 478273.535 | 3743153.978 | 446.23 |
| LOCATION | L0002392 | VOLUME | 478273.525 | 3743145.388 | 446.00 |
| LOCATION | L0002393 | VOLUME | 478273.515 | 3743136.798 | 446.00 |
| LOCATION | L0002394 | VOLUME | 478273.505 | 3743128.208 | 446.00 |
| LOCATION | L0002395 | VOLUME | 478273.496 | 3743119.618 | 446.00 |
| LOCATION | L0002396 | VOLUME | 478273.486 | 3743111.028 | 446.00 |
| LOCATION | L0002397 | VOLUME | 478273.476 | 3743102.438 | 446.00 |
| LOCATION | L0002398 | VOLUME | 478273.466 | 3743093.848 | 446.00 |
| LOCATION | L0002399 | VOLUME | 478273.457 | 3743085.258 | 446.00 |
| LOCATION | L0002400 | VOLUME | 478273.447 | 3743076.668 | 446.00 |
| LOCATION | L0002401 | VOLUME | 478273.437 | 3743068.078 | 446.00 |
| LOCATION | L0002402 | VOLUME | 478273.427 | 3743059.488 | 446.00 |
| LOCATION | L0002403 | VOLUME | 478273.418 | 3743050.898 | 446.00 |
| LOCATION | L0002404 | VOLUME | 478273.408 | 3743042.308 | 446.00 |
| LOCATION | L0002405 | VOLUME | 478273.398 | 3743033.718 | 446.00 |
| LOCATION | L0002406 | VOLUME | 478273.388 | 3743025.128 | 446.00 |
| LOCATION | L0002407 | VOLUME | 478273.379 | 3743016.538 | 446.00 |
| LOCATION | L0002408 | VOLUME | 478273.369 | 3743007.948 | 446.00 |
| LOCATION | L0002409 | VOLUME | 478273.359 | 3742999.358 | 446.00 |
| LOCATION | L0002410 | VOLUME | 478273.349 | 3742990.768 | 445.82 |
| LOCATION | L0002411 | VOLUME | 478273.340 | 3742982.178 | 445.53 |
| LOCATION | L0002412 | VOLUME | 478273.330 | 3742973.588 | 445.25 |
| LOCATION | L0002413 | VOLUME | 478273.320 | 3742964.998 | 445.00 |
| LOCATION | L0002414 | VOLUME | 478273.310 | 3742956.408 | 445.00 |
| LOCATION | L0002415 | VOLUME | 478273.301 | 3742947.818 | 445.00 |
| LOCATION | L0002416 | VOLUME | 478273.291 | 3742939.228 | 445.00 |
| LOCATION | L0002417 | VOLUME | 478273.281 | 3742930.638 | 445.00 |
| LOCATION | L0002418 | VOLUME | 478273.271 | 3742922.048 | 445.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002419 | VOLUME | 478273.262 | 3742913.458 | 445.00 |
| LOCATION | L0002420 | VOLUME | 478273.252 | 3742904.868 | 445.00 |
| LOCATION | L0002421 | VOLUME | 478273.242 | 3742896.278 | 445.00 |
| LOCATION | L0002422 | VOLUME | 478273.232 | 3742887.688 | 445.00 |
| LOCATION | L0002423 | VOLUME | 478273.223 | 3742879.098 | 445.00 |
| LOCATION | L0002424 | VOLUME | 478273.213 | 3742870.508 | 445.00 |
| LOCATION | L0002425 | VOLUME | 478273.203 | 3742861.918 | 445.00 |
| LOCATION | L0002426 | VOLUME | 478273.193 | 3742853.328 | 445.00 |
| LOCATION | L0002427 | VOLUME | 478273.184 | 3742844.738 | 445.00 |
| LOCATION | L0002428 | VOLUME | 478273.174 | 3742836.148 | 445.00 |
| LOCATION | L0002429 | VOLUME | 478273.164 | 3742827.558 | 445.00 |
| LOCATION | L0002430 | VOLUME | 478273.154 | 3742818.968 | 445.00 |
| LOCATION | L0002431 | VOLUME | 478273.145 | 3742810.378 | 445.00 |
| LOCATION | L0002432 | VOLUME | 478273.135 | 3742801.788 | 445.00 |
| LOCATION | L0002433 | VOLUME | 478273.125 | 3742793.198 | 445.00 |
| LOCATION | L0002434 | VOLUME | 478273.115 | 3742784.608 | 444.99 |
| LOCATION | L0002435 | VOLUME | 478273.106 | 3742776.018 | 444.96 |
| LOCATION | L0002436 | VOLUME | 478273.096 | 3742767.428 | 444.93 |
| LOCATION | L0002437 | VOLUME | 478273.086 | 3742758.838 | 444.90 |
| LOCATION | L0002438 | VOLUME | 478273.076 | 3742750.248 | 444.89 |
| LOCATION | L0002439 | VOLUME | 478273.067 | 3742741.659 | 444.89 |
| LOCATION | L0002440 | VOLUME | 478273.057 | 3742733.069 | 444.89 |
| LOCATION | L0002441 | VOLUME | 478273.047 | 3742724.479 | 444.90 |
| LOCATION | L0002442 | VOLUME | 478273.038 | 3742715.889 | 444.90 |
| LOCATION | L0002443 | VOLUME | 478273.028 | 3742707.299 | 444.90 |
| LOCATION | L0002444 | VOLUME | 478273.018 | 3742698.709 | 444.90 |
| LOCATION | L0002445 | VOLUME | 478273.008 | 3742690.119 | 444.90 |
| LOCATION | L0002446 | VOLUME | 478272.999 | 3742681.529 | 444.90 |
| LOCATION | L0002447 | VOLUME | 478272.989 | 3742672.939 | 444.90 |
| LOCATION | L0002448 | VOLUME | 478272.979 | 3742664.349 | 444.84 |
| LOCATION | L0002449 | VOLUME | 478272.969 | 3742655.759 | 444.59 |
| LOCATION | L0002450 | VOLUME | 478272.960 | 3742647.169 | 444.33 |
| LOCATION | L0002451 | VOLUME | 478272.950 | 3742638.579 | 444.07 |
| LOCATION | L0002452 | VOLUME | 478272.940 | 3742629.989 | 444.00 |
| LOCATION | L0002453 | VOLUME | 478272.930 | 3742621.399 | 444.00 |
| LOCATION | L0002454 | VOLUME | 478272.921 | 3742612.809 | 444.00 |
| LOCATION | L0002455 | VOLUME | 478272.911 | 3742604.219 | 444.00 |
| LOCATION | L0002456 | VOLUME | 478272.901 | 3742595.629 | 444.00 |
| LOCATION | L0002457 | VOLUME | 478272.891 | 3742587.039 | 444.00 |
| LOCATION | L0002458 | VOLUME | 478272.882 | 3742578.449 | 444.00 |
| LOCATION | L0002459 | VOLUME | 478272.872 | 3742569.859 | 444.00 |
| LOCATION | L0002460 | VOLUME | 478272.862 | 3742561.269 | 444.00 |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Placentia Ave b/n Indian Ave and I-215 Ramps

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001161

```

** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478272.866, 3742551.384, 444.03, 3.49, 4.00
** 477700.489, 3742567.347, 450.94, 3.49, 4.00
** -----
LOCATION L0002461    VOLUME  478268.572 3742551.503 444.04
LOCATION L0002462    VOLUME  478259.986 3742551.743 444.33
LOCATION L0002463    VOLUME  478251.399 3742551.982 444.62
LOCATION L0002464    VOLUME  478242.812 3742552.222 444.90
LOCATION L0002465    VOLUME  478234.226 3742552.461 445.00
LOCATION L0002466    VOLUME  478225.639 3742552.701 445.00
LOCATION L0002467    VOLUME  478217.052 3742552.940 445.00
LOCATION L0002468    VOLUME  478208.466 3742553.180 445.00
LOCATION L0002469    VOLUME  478199.879 3742553.419 445.00
LOCATION L0002470    VOLUME  478191.292 3742553.659 445.00
LOCATION L0002471    VOLUME  478182.706 3742553.898 445.00
LOCATION L0002472    VOLUME  478174.119 3742554.138 445.00
LOCATION L0002473    VOLUME  478165.532 3742554.377 445.00
LOCATION L0002474    VOLUME  478156.946 3742554.617 445.00
LOCATION L0002475    VOLUME  478148.359 3742554.856 445.05
LOCATION L0002476    VOLUME  478139.772 3742555.096 445.34
LOCATION L0002477    VOLUME  478131.186 3742555.335 445.62
LOCATION L0002478    VOLUME  478122.599 3742555.575 445.91
LOCATION L0002479    VOLUME  478114.012 3742555.814 446.00
LOCATION L0002480    VOLUME  478105.426 3742556.054 446.00
LOCATION L0002481    VOLUME  478096.839 3742556.293 446.00
LOCATION L0002482    VOLUME  478088.252 3742556.532 446.00
LOCATION L0002483    VOLUME  478079.666 3742556.772 446.00
LOCATION L0002484    VOLUME  478071.079 3742557.011 446.00
LOCATION L0002485    VOLUME  478062.492 3742557.251 446.00
LOCATION L0002486    VOLUME  478053.906 3742557.490 446.20
LOCATION L0002487    VOLUME  478045.319 3742557.730 446.49
LOCATION L0002488    VOLUME  478036.732 3742557.969 446.77
LOCATION L0002489    VOLUME  478028.146 3742558.209 447.00
LOCATION L0002490    VOLUME  478019.559 3742558.448 447.00
LOCATION L0002491    VOLUME  478010.972 3742558.688 447.00
LOCATION L0002492    VOLUME  478002.386 3742558.927 447.00
LOCATION L0002493    VOLUME  477993.799 3742559.167 447.00
LOCATION L0002494    VOLUME  477985.212 3742559.406 447.00
LOCATION L0002495    VOLUME  477976.626 3742559.646 447.00
LOCATION L0002496    VOLUME  477968.039 3742559.885 447.06
LOCATION L0002497    VOLUME  477959.452 3742560.125 447.35
LOCATION L0002498    VOLUME  477950.866 3742560.364 447.63
LOCATION L0002499    VOLUME  477942.279 3742560.604 447.92
LOCATION L0002500    VOLUME  477933.693 3742560.843 448.00
LOCATION L0002501    VOLUME  477925.106 3742561.083 448.00
LOCATION L0002502    VOLUME  477916.519 3742561.322 448.00
LOCATION L0002503    VOLUME  477907.933 3742561.562 448.00
LOCATION L0002504    VOLUME  477899.346 3742561.801 448.00
LOCATION L0002505    VOLUME  477890.759 3742562.041 448.00

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| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002506 | VOLUME | 477882.173 | 3742562.280 | 448.00 |
| LOCATION | L0002507 | VOLUME | 477873.586 | 3742562.520 | 448.10 |
| LOCATION | L0002508 | VOLUME | 477864.999 | 3742562.759 | 448.22 |
| LOCATION | L0002509 | VOLUME | 477856.413 | 3742562.999 | 448.34 |
| LOCATION | L0002510 | VOLUME | 477847.826 | 3742563.238 | 448.47 |
| LOCATION | L0002511 | VOLUME | 477839.239 | 3742563.478 | 448.63 |
| LOCATION | L0002512 | VOLUME | 477830.653 | 3742563.717 | 448.79 |
| LOCATION | L0002513 | VOLUME | 477822.066 | 3742563.956 | 448.96 |
| LOCATION | L0002514 | VOLUME | 477813.479 | 3742564.196 | 449.09 |
| LOCATION | L0002515 | VOLUME | 477804.893 | 3742564.435 | 449.20 |
| LOCATION | L0002516 | VOLUME | 477796.306 | 3742564.675 | 449.30 |
| LOCATION | L0002517 | VOLUME | 477787.719 | 3742564.914 | 449.42 |
| LOCATION | L0002518 | VOLUME | 477779.133 | 3742565.154 | 449.59 |
| LOCATION | L0002519 | VOLUME | 477770.546 | 3742565.393 | 449.77 |
| LOCATION | L0002520 | VOLUME | 477761.959 | 3742565.633 | 449.96 |
| LOCATION | L0002521 | VOLUME | 477753.373 | 3742565.872 | 450.00 |
| LOCATION | L0002522 | VOLUME | 477744.786 | 3742566.112 | 450.00 |
| LOCATION | L0002523 | VOLUME | 477736.199 | 3742566.351 | 450.00 |
| LOCATION | L0002524 | VOLUME | 477727.613 | 3742566.591 | 450.08 |
| LOCATION | L0002525 | VOLUME | 477719.026 | 3742566.830 | 450.36 |
| LOCATION | L0002526 | VOLUME | 477710.439 | 3742567.070 | 450.65 |
| LOCATION | L0002527 | VOLUME | 477701.853 | 3742567.309 | 450.93 |

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC On-site Drive Aisle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002452

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 479896.687, 3743011.429, 439.00, 3.49, 4.00

** 480074.817, 3743012.641, 439.00, 3.49, 4.00

** 480078.452, 3743327.701, 439.00, 3.49, 4.00

** -----

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002528 | VOLUME | 479900.982 | 3743011.459 | 439.00 |
| LOCATION | L0002529 | VOLUME | 479909.571 | 3743011.517 | 439.00 |
| LOCATION | L0002530 | VOLUME | 479918.161 | 3743011.575 | 439.00 |
| LOCATION | L0002531 | VOLUME | 479926.751 | 3743011.634 | 439.00 |
| LOCATION | L0002532 | VOLUME | 479935.341 | 3743011.692 | 439.00 |
| LOCATION | L0002533 | VOLUME | 479943.931 | 3743011.751 | 439.00 |
| LOCATION | L0002534 | VOLUME | 479952.520 | 3743011.809 | 439.00 |
| LOCATION | L0002535 | VOLUME | 479961.110 | 3743011.868 | 439.00 |
| LOCATION | L0002536 | VOLUME | 479969.700 | 3743011.926 | 439.00 |
| LOCATION | L0002537 | VOLUME | 479978.290 | 3743011.984 | 439.00 |
| LOCATION | L0002538 | VOLUME | 479986.880 | 3743012.043 | 439.00 |
| LOCATION | L0002539 | VOLUME | 479995.469 | 3743012.101 | 439.00 |
| LOCATION | L0002540 | VOLUME | 480004.059 | 3743012.160 | 439.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002541 | VOLUME | 480012.649 | 3743012.218 | 439.00 |
| LOCATION | L0002542 | VOLUME | 480021.239 | 3743012.277 | 439.00 |
| LOCATION | L0002543 | VOLUME | 480029.829 | 3743012.335 | 439.00 |
| LOCATION | L0002544 | VOLUME | 480038.418 | 3743012.394 | 439.00 |
| LOCATION | L0002545 | VOLUME | 480047.008 | 3743012.452 | 439.00 |
| LOCATION | L0002546 | VOLUME | 480055.598 | 3743012.510 | 439.00 |
| LOCATION | L0002547 | VOLUME | 480064.188 | 3743012.569 | 439.00 |
| LOCATION | L0002548 | VOLUME | 480072.778 | 3743012.627 | 439.00 |
| LOCATION | L0002549 | VOLUME | 480074.892 | 3743019.192 | 439.00 |
| LOCATION | L0002550 | VOLUME | 480074.991 | 3743027.781 | 439.00 |
| LOCATION | L0002551 | VOLUME | 480075.090 | 3743036.370 | 439.00 |
| LOCATION | L0002552 | VOLUME | 480075.190 | 3743044.960 | 439.00 |
| LOCATION | L0002553 | VOLUME | 480075.289 | 3743053.549 | 439.00 |
| LOCATION | L0002554 | VOLUME | 480075.388 | 3743062.139 | 439.00 |
| LOCATION | L0002555 | VOLUME | 480075.487 | 3743070.728 | 439.00 |
| LOCATION | L0002556 | VOLUME | 480075.586 | 3743079.318 | 439.00 |
| LOCATION | L0002557 | VOLUME | 480075.685 | 3743087.907 | 439.00 |
| LOCATION | L0002558 | VOLUME | 480075.784 | 3743096.496 | 439.00 |
| LOCATION | L0002559 | VOLUME | 480075.883 | 3743105.086 | 439.00 |
| LOCATION | L0002560 | VOLUME | 480075.982 | 3743113.675 | 439.00 |
| LOCATION | L0002561 | VOLUME | 480076.082 | 3743122.265 | 439.00 |
| LOCATION | L0002562 | VOLUME | 480076.181 | 3743130.854 | 439.00 |
| LOCATION | L0002563 | VOLUME | 480076.280 | 3743139.444 | 439.00 |
| LOCATION | L0002564 | VOLUME | 480076.379 | 3743148.033 | 439.00 |
| LOCATION | L0002565 | VOLUME | 480076.478 | 3743156.622 | 439.00 |
| LOCATION | L0002566 | VOLUME | 480076.577 | 3743165.212 | 439.00 |
| LOCATION | L0002567 | VOLUME | 480076.676 | 3743173.801 | 439.00 |
| LOCATION | L0002568 | VOLUME | 480076.775 | 3743182.391 | 439.00 |
| LOCATION | L0002569 | VOLUME | 480076.874 | 3743190.980 | 439.00 |
| LOCATION | L0002570 | VOLUME | 480076.974 | 3743199.570 | 439.00 |
| LOCATION | L0002571 | VOLUME | 480077.073 | 3743208.159 | 439.00 |
| LOCATION | L0002572 | VOLUME | 480077.172 | 3743216.748 | 439.00 |
| LOCATION | L0002573 | VOLUME | 480077.271 | 3743225.338 | 439.00 |
| LOCATION | L0002574 | VOLUME | 480077.370 | 3743233.927 | 439.00 |
| LOCATION | L0002575 | VOLUME | 480077.469 | 3743242.517 | 439.00 |
| LOCATION | L0002576 | VOLUME | 480077.568 | 3743251.106 | 439.00 |
| LOCATION | L0002577 | VOLUME | 480077.667 | 3743259.696 | 439.00 |
| LOCATION | L0002578 | VOLUME | 480077.766 | 3743268.285 | 439.00 |
| LOCATION | L0002579 | VOLUME | 480077.866 | 3743276.874 | 439.00 |
| LOCATION | L0002580 | VOLUME | 480077.965 | 3743285.464 | 439.00 |
| LOCATION | L0002581 | VOLUME | 480078.064 | 3743294.053 | 439.00 |
| LOCATION | L0002582 | VOLUME | 480078.163 | 3743302.643 | 439.00 |
| LOCATION | L0002583 | VOLUME | 480078.262 | 3743311.232 | 439.00 |
| LOCATION | L0002584 | VOLUME | 480078.361 | 3743319.822 | 439.00 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Loading Area

** PREFIX

** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00002787
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480052.657, 3743068.840, 439.00, 3.49, 4.00
** 480054.778, 3743260.316, 439.00, 3.49, 4.00
** -----
LOCATION L0002585      VOLUME  480052.705 3743073.135 439.00
LOCATION L0002586      VOLUME  480052.800 3743081.724 439.00
LOCATION L0002587      VOLUME  480052.895 3743090.314 439.00
LOCATION L0002588      VOLUME  480052.990 3743098.903 439.00
LOCATION L0002589      VOLUME  480053.085 3743107.493 439.00
LOCATION L0002590      VOLUME  480053.180 3743116.082 439.00
LOCATION L0002591      VOLUME  480053.275 3743124.672 439.00
LOCATION L0002592      VOLUME  480053.371 3743133.261 439.00
LOCATION L0002593      VOLUME  480053.466 3743141.851 439.00
LOCATION L0002594      VOLUME  480053.561 3743150.440 439.00
LOCATION L0002595      VOLUME  480053.656 3743159.030 439.00
LOCATION L0002596      VOLUME  480053.751 3743167.619 439.00
LOCATION L0002597      VOLUME  480053.846 3743176.209 439.00
LOCATION L0002598      VOLUME  480053.941 3743184.798 439.00
LOCATION L0002599      VOLUME  480054.037 3743193.388 439.00
LOCATION L0002600      VOLUME  480054.132 3743201.977 439.00
LOCATION L0002601      VOLUME  480054.227 3743210.567 439.00
LOCATION L0002602      VOLUME  480054.322 3743219.156 439.00
LOCATION L0002603      VOLUME  480054.417 3743227.745 439.00
LOCATION L0002604      VOLUME  480054.512 3743236.335 439.00
LOCATION L0002605      VOLUME  480054.607 3743244.924 439.00
LOCATION L0002606      VOLUME  480054.703 3743253.514 439.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
SRCPARAM L0002142    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002143    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002144    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002145    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002146    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002147    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002148    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002149    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002150    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002151    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002152    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002153    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002154    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002155    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002156    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002157    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002158    0.0000002659      3.49      4.00      3.25
SRCPARAM L0002159    0.0000002659      3.49      4.00      3.25

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| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002160 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002161 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002162 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002163 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002164 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002165 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002166 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002167 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002168 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002169 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002170 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002171 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002172 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002173 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002174 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002175 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002176 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002177 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002178 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002179 | 0.0000002659 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002180 | 0.0000002659 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE2

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002181 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002182 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002183 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002184 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002185 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002186 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002187 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002188 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002189 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002190 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002191 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002192 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002193 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002194 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002195 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002196 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002197 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002198 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002199 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002200 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002201 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002202 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002203 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002204 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002205 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002206 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002207 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002208 | 0.0000001756 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002362 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002363 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002364 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002365 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002366 | 0.0000001756 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002367 | 0.0000001756 | 3.49 | 4.00 | 3.25 |

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** LINE VOLUME Source ID = SLINE3

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002368 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002369 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002370 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002371 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002372 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002373 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002374 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002375 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002376 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002377 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002378 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002379 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002380 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002381 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002382 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002383 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002384 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002385 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002386 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002387 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002388 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002389 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002390 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002391 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002392 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002393 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002394 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002395 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002396 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002397 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002398 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002399 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002400 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002401 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002402 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002403 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002404 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002405 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002406 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002407 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002408 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002409 | 0.0000001745 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002410 | 0.0000001745 | 3.49 | 4.00 | 3.25 |

** LINE VOLUME Source ID = SLINE4

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002461 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002462 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002463 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002464 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002465 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002466 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002467 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002468 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002469 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002470 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002471 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002472 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002473 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002474 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002475 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002476 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002477 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002478 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002479 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002480 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002481 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002482 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002483 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002484 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002485 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002486 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002487 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002488 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002489 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002490 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002491 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002492 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002493 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002494 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002495 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002496 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002497 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002498 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002499 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002500 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002501 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002502 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002503 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002504 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002505 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002506 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002507 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002508 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002509 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002510 | 0.0000001733 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002511 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002512 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002513 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002514 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002515 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002516 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002517 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002518 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002519 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002520 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002521 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002522 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002523 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002524 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002525 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002526 | 0.0000001733 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002527 | 0.0000001733 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINES

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002528 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002529 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002530 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002531 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002532 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002533 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002534 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002535 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002536 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002537 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002538 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002539 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002540 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002541 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002542 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002543 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002544 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002545 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002546 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002547 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002548 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002549 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002550 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002551 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002552 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002553 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002554 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002555 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002556 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002557 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002558 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002559 | 0.0000004302 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002560 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002561 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002562 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002563 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002564 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002565 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002566 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002567 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002568 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002569 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002570 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002571 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002572 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002573 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002574 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002575 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002576 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002577 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002578 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002579 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002580 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002581 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002582 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002583 | 0.0000004302 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002584 | 0.0000004302 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE6

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0002585 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002586 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002587 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002588 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002589 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002590 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002591 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002592 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002593 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002594 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002595 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002596 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002597 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002598 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002599 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002600 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002601 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002602 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002603 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002604 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002605 | 0.000001267 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002606 | 0.000001267 | 3.49 | 4.00 | 3.25 |

**

URBANSRC ALL

```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED ProjectAB2Mit.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PERI_v9.SFC
  PROFFILE PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL PROJECTAB2MIT.AD\PE00GALL.PLT 31
  SUMMFILE ProjectAB2Mit.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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
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*** MODELOPTs: RegDEFAULT 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 465 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. 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: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 465 Source(s); 1 Source Group(s); and 2761 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 465 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 0 line(s)

**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 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 = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: ProjectAB2Mit.err

**File for Summary of Results: ProjectAB2Mit.sum

*** AERMOD - VERSION 19191 ***
*** AERMET - VERSION 16216 ***

*** First Industrial Warehouse at Rider and Redlands
*** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002142 | 0 | 0.26590E-06 | 479888.8 | 3743013.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002143 | 0 | 0.26590E-06 | 479888.8 | 3743021.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002144 | 0 | 0.26590E-06 | 479888.8 | 3743030.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002145 | 0 | 0.26590E-06 | 479888.8 | 3743039.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002146 | 0 | 0.26590E-06 | 479888.8 | 3743047.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002147 | 0 | 0.26590E-06 | 479888.8 | 3743056.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002148 | 0 | 0.26590E-06 | 479888.8 | 3743064.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002149 | 0 | 0.26590E-06 | 479888.9 | 3743073.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002150 | 0 | 0.26590E-06 | 479888.9 | 3743082.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002151 | 0 | 0.26590E-06 | 479888.9 | 3743090.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002152 | 0 | 0.26590E-06 | 479888.9 | 3743099.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002153 | 0 | 0.26590E-06 | 479888.9 | 3743107.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002154 | 0 | 0.26590E-06 | 479888.9 | 3743116.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002155 | 0 | 0.26590E-06 | 479888.9 | 3743125.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002156 | 0 | 0.26590E-06 | 479888.9 | 3743133.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002157 | 0 | 0.26590E-06 | 479888.9 | 3743142.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002158 | 0 | 0.26590E-06 | 479888.9 | 3743150.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002159 | 0 | 0.26590E-06 | 479888.9 | 3743159.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002160 | 0 | 0.26590E-06 | 479888.9 | 3743167.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002161 | 0 | 0.26590E-06 | 479889.0 | 3743176.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002162 | 0 | 0.26590E-06 | 479889.0 | 3743185.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002163 | 0 | 0.26590E-06 | 479889.0 | 3743193.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002164 | 0 | 0.26590E-06 | 479889.0 | 3743202.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002165 | 0 | 0.26590E-06 | 479889.0 | 3743210.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002166 | 0 | 0.26590E-06 | 479889.0 | 3743219.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002167 | 0 | 0.26590E-06 | 479889.0 | 3743228.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002168 | 0 | 0.26590E-06 | 479889.0 | 3743236.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002169 | 0 | 0.26590E-06 | 479889.0 | 3743245.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002170 | 0 | 0.26590E-06 | 479889.0 | 3743253.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002171 | 0 | 0.26590E-06 | 479889.0 | 3743262.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002172 | 0 | 0.26590E-06 | 479889.0 | 3743271.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002173 | 0 | 0.26590E-06 | 479889.1 | 3743279.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002174 | 0 | 0.26590E-06 | 479889.1 | 3743288.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002175 | 0 | 0.26590E-06 | 479889.1 | 3743296.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002176 | 0 | 0.26590E-06 | 479889.1 | 3743305.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002177 | 0 | 0.26590E-06 | 479889.1 | 3743313.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002178 | 0 | 0.26590E-06 | 479889.1 | 3743322.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002179 | 0 | 0.26590E-06 | 479889.1 | 3743331.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002180 | 0 | 0.26590E-06 | 479889.1 | 3743339.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002181 | 0 | 0.17560E-06 | 479873.2 | 3743340.6 | 439.6 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002182 | 0 | 0.17560E-06 | 479864.6 | 3743340.8 | 439.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002183 | 0 | 0.17560E-06 | 479856.0 | 3743340.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002184 | 0 | 0.17560E-06 | 479847.4 | 3743341.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002185 | 0 | 0.17560E-06 | 479838.9 | 3743341.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002186 | 0 | 0.17560E-06 | 479830.3 | 3743341.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002187 | 0 | 0.17560E-06 | 479821.7 | 3743341.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002188 | 0 | 0.17560E-06 | 479813.1 | 3743341.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002189 | 0 | 0.17560E-06 | 479804.5 | 3743341.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002190 | 0 | 0.17560E-06 | 479795.9 | 3743341.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002191 | 0 | 0.17560E-06 | 479787.3 | 3743341.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002192 | 0 | 0.17560E-06 | 479778.7 | 3743342.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002193 | 0 | 0.17560E-06 | 479770.1 | 3743342.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002194 | 0 | 0.17560E-06 | 479761.6 | 3743342.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002195 | 0 | 0.17560E-06 | 479753.0 | 3743342.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002196 | 0 | 0.17560E-06 | 479744.4 | 3743342.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002197 | 0 | 0.17560E-06 | 479735.8 | 3743342.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002198 | 0 | 0.17560E-06 | 479727.2 | 3743342.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002199 | 0 | 0.17560E-06 | 479718.6 | 3743342.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002200 | 0 | 0.17560E-06 | 479710.0 | 3743343.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002201 | 0 | 0.17560E-06 | 479701.4 | 3743343.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002202 | 0 | 0.17560E-06 | 479692.8 | 3743343.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002203 | 0 | 0.17560E-06 | 479684.3 | 3743343.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002204 | 0 | 0.17560E-06 | 479675.7 | 3743343.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002205 | 0 | 0.17560E-06 | 479667.1 | 3743343.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002206 | 0 | 0.17560E-06 | 479658.5 | 3743343.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002207 | 0 | 0.17560E-06 | 479649.9 | 3743343.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002208 | 0 | 0.17560E-06 | 479641.3 | 3743344.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002209 | 0 | 0.17560E-06 | 479632.7 | 3743344.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002210 | 0 | 0.17560E-06 | 479624.1 | 3743344.2 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002211 | 0 | 0.17560E-06 | 479615.5 | 3743344.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002212 | 0 | 0.17560E-06 | 479607.0 | 3743344.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002213 | 0 | 0.17560E-06 | 479598.4 | 3743344.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002214 | 0 | 0.17560E-06 | 479589.8 | 3743344.7 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002215 | 0 | 0.17560E-06 | 479581.2 | 3743344.9 | 440.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002216 | 0 | 0.17560E-06 | 479572.6 | 3743345.0 | 440.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002217 | 0 | 0.17560E-06 | 479564.0 | 3743345.1 | 440.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002218 | 0 | 0.17560E-06 | 479555.4 | 3743345.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002219 | 0 | 0.17560E-06 | 479546.8 | 3743345.4 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002220 | 0 | 0.17560E-06 | 479538.2 | 3743345.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002221 | 0 | 0.17560E-06 | 479529.6 | 3743345.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 ***
 *** AERMET - VERSION 16216 ***

*** First Industrial Warehouse at Rider and Redlands
 *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|--------------|--------------------------|------------------------------|---------------|---------------|---------------------------|-------------------------------|-------------------------|-------------------------|-----------------|------------------------------------|
| L0002222 | 0 | 0.17560E-06 | 479521.1 | 3743345.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002223 | 0 | 0.17560E-06 | 479512.5 | 3743345.9 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002224 | 0 | 0.17560E-06 | 479503.9 | 3743346.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002225 | 0 | 0.17560E-06 | 479495.3 | 3743346.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002226 | 0 | 0.17560E-06 | 479486.7 | 3743346.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002227 | 0 | 0.17560E-06 | 479478.1 | 3743346.4 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002228 | 0 | 0.17560E-06 | 479469.5 | 3743346.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002229 | 0 | 0.17560E-06 | 479460.9 | 3743346.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002230 | 0 | 0.17560E-06 | 479452.3 | 3743346.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002231 | 0 | 0.17560E-06 | 479443.8 | 3743346.8 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002232 | 0 | 0.17560E-06 | 479435.2 | 3743347.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002233 | 0 | 0.17560E-06 | 479426.6 | 3743347.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002234 | 0 | 0.17560E-06 | 479418.0 | 3743347.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002235 | 0 | 0.17560E-06 | 479409.4 | 3743347.3 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002236 | 0 | 0.17560E-06 | 479400.8 | 3743347.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002237 | 0 | 0.17560E-06 | 479392.2 | 3743347.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002238 | 0 | 0.17560E-06 | 479383.6 | 3743347.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002239 | 0 | 0.17560E-06 | 479375.0 | 3743347.8 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002240 | 0 | 0.17560E-06 | 479366.5 | 3743348.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002241 | 0 | 0.17560E-06 | 479357.9 | 3743348.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002242 | 0 | 0.17560E-06 | 479349.3 | 3743348.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002243 | 0 | 0.17560E-06 | 479340.7 | 3743348.3 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002244 | 0 | 0.17560E-06 | 479332.1 | 3743348.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002245 | 0 | 0.17560E-06 | 479323.5 | 3743348.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002246 | 0 | 0.17560E-06 | 479314.9 | 3743348.7 | 441.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002247 | 0 | 0.17560E-06 | 479306.3 | 3743348.8 | 441.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002248 | 0 | 0.17560E-06 | 479297.7 | 3743349.0 | 441.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002249 | 0 | 0.17560E-06 | 479289.2 | 3743349.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002250 | 0 | 0.17560E-06 | 479280.6 | 3743349.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002251 | 0 | 0.17560E-06 | 479272.0 | 3743349.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002252 | 0 | 0.17560E-06 | 479263.4 | 3743349.5 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002253 | 0 | 0.17560E-06 | 479254.8 | 3743349.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002254 | 0 | 0.17560E-06 | 479246.2 | 3743349.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002255 | 0 | 0.17560E-06 | 479237.6 | 3743349.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002256 | 0 | 0.17560E-06 | 479229.0 | 3743349.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002257 | 0 | 0.17560E-06 | 479220.4 | 3743350.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002258 | 0 | 0.17560E-06 | 479211.9 | 3743350.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002259 | 0 | 0.17560E-06 | 479203.3 | 3743350.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002260 | 0 | 0.17560E-06 | 479194.7 | 3743350.4 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002261 | 0 | 0.17560E-06 | 479186.1 | 3743350.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |

*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002262 | 0 | 0.17560E-06 | 479177.5 | 3743350.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002263 | 0 | 0.17560E-06 | 479168.9 | 3743350.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002264 | 0 | 0.17560E-06 | 479160.3 | 3743350.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002265 | 0 | 0.17560E-06 | 479151.7 | 3743351.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002266 | 0 | 0.17560E-06 | 479143.1 | 3743351.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002267 | 0 | 0.17560E-06 | 479134.5 | 3743351.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002268 | 0 | 0.17560E-06 | 479126.0 | 3743351.4 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002269 | 0 | 0.17560E-06 | 479117.4 | 3743351.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002270 | 0 | 0.17560E-06 | 479108.8 | 3743351.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002271 | 0 | 0.17560E-06 | 479100.2 | 3743351.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002272 | 0 | 0.17560E-06 | 479091.6 | 3743351.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002273 | 0 | 0.17560E-06 | 479083.0 | 3743352.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002274 | 0 | 0.17560E-06 | 479074.4 | 3743352.2 | 442.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002275 | 0 | 0.17560E-06 | 479065.8 | 3743352.3 | 442.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002276 | 0 | 0.17560E-06 | 479057.2 | 3743352.4 | 442.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002277 | 0 | 0.17560E-06 | 479048.7 | 3743352.6 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002278 | 0 | 0.17560E-06 | 479040.1 | 3743352.7 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002279 | 0 | 0.17560E-06 | 479031.5 | 3743352.8 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002280 | 0 | 0.17560E-06 | 479022.9 | 3743352.9 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002281 | 0 | 0.17560E-06 | 479014.3 | 3743353.0 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002282 | 0 | 0.17560E-06 | 479005.7 | 3743353.2 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002283 | 0 | 0.17560E-06 | 478997.1 | 3743353.3 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002284 | 0 | 0.17560E-06 | 478988.5 | 3743353.4 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002285 | 0 | 0.17560E-06 | 478979.9 | 3743353.5 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002286 | 0 | 0.17560E-06 | 478971.4 | 3743353.7 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002287 | 0 | 0.17560E-06 | 478962.8 | 3743353.8 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002288 | 0 | 0.17560E-06 | 478954.2 | 3743353.9 | 443.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002289 | 0 | 0.17560E-06 | 478945.6 | 3743354.0 | 443.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002290 | 0 | 0.17560E-06 | 478937.0 | 3743354.2 | 443.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002291 | 0 | 0.17560E-06 | 478928.4 | 3743354.3 | 443.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002292 | 0 | 0.17560E-06 | 478919.8 | 3743354.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002293 | 0 | 0.17560E-06 | 478911.2 | 3743354.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002294 | 0 | 0.17560E-06 | 478902.6 | 3743354.7 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002295 | 0 | 0.17560E-06 | 478894.1 | 3743354.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002296 | 0 | 0.17560E-06 | 478885.5 | 3743354.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002297 | 0 | 0.17560E-06 | 478876.9 | 3743355.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002298 | 0 | 0.17560E-06 | 478868.3 | 3743355.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002299 | 0 | 0.17560E-06 | 478859.7 | 3743355.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002300 | 0 | 0.17560E-06 | 478851.1 | 3743355.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002301 | 0 | 0.17560E-06 | 478842.5 | 3743355.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 6

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002302 | 0 | 0.17560E-06 | 478833.9 | 3743355.7 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002303 | 0 | 0.17560E-06 | 478825.3 | 3743355.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002304 | 0 | 0.17560E-06 | 478816.8 | 3743355.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002305 | 0 | 0.17560E-06 | 478808.2 | 3743356.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002306 | 0 | 0.17560E-06 | 478799.6 | 3743356.1 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002307 | 0 | 0.17560E-06 | 478791.0 | 3743356.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002308 | 0 | 0.17560E-06 | 478782.4 | 3743356.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002309 | 0 | 0.17560E-06 | 478773.8 | 3743356.5 | 444.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002310 | 0 | 0.17560E-06 | 478765.2 | 3743356.6 | 444.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002311 | 0 | 0.17560E-06 | 478756.6 | 3743356.8 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002312 | 0 | 0.17560E-06 | 478748.0 | 3743356.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002313 | 0 | 0.17560E-06 | 478739.5 | 3743357.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002314 | 0 | 0.17560E-06 | 478730.9 | 3743357.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002315 | 0 | 0.17560E-06 | 478722.3 | 3743357.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002316 | 0 | 0.17560E-06 | 478713.7 | 3743357.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002317 | 0 | 0.17560E-06 | 478705.1 | 3743357.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002318 | 0 | 0.17560E-06 | 478696.5 | 3743357.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002319 | 0 | 0.17560E-06 | 478687.9 | 3743357.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002320 | 0 | 0.17560E-06 | 478679.3 | 3743357.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002321 | 0 | 0.17560E-06 | 478670.7 | 3743358.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002322 | 0 | 0.17560E-06 | 478662.1 | 3743358.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002323 | 0 | 0.17560E-06 | 478653.6 | 3743358.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002324 | 0 | 0.17560E-06 | 478645.0 | 3743358.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002325 | 0 | 0.17560E-06 | 478636.4 | 3743358.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002326 | 0 | 0.17560E-06 | 478627.8 | 3743358.6 | 445.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002327 | 0 | 0.17560E-06 | 478619.2 | 3743358.8 | 445.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002328 | 0 | 0.17560E-06 | 478610.6 | 3743358.9 | 445.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002329 | 0 | 0.17560E-06 | 478602.0 | 3743359.0 | 445.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002330 | 0 | 0.17560E-06 | 478593.4 | 3743359.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002331 | 0 | 0.17560E-06 | 478584.8 | 3743359.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002332 | 0 | 0.17560E-06 | 478576.3 | 3743359.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002333 | 0 | 0.17560E-06 | 478567.7 | 3743359.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002334 | 0 | 0.17560E-06 | 478559.1 | 3743359.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002335 | 0 | 0.17560E-06 | 478550.5 | 3743359.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002336 | 0 | 0.17560E-06 | 478541.9 | 3743359.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002337 | 0 | 0.17560E-06 | 478533.3 | 3743360.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002338 | 0 | 0.17560E-06 | 478524.7 | 3743360.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002339 | 0 | 0.17560E-06 | 478516.1 | 3743360.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002340 | 0 | 0.17560E-06 | 478507.5 | 3743360.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002341 | 0 | 0.17560E-06 | 478499.0 | 3743360.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 7

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002342 | 0 | 0.17560E-06 | 478490.4 | 3743360.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002343 | 0 | 0.17560E-06 | 478481.8 | 3743360.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002344 | 0 | 0.17560E-06 | 478473.2 | 3743360.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002345 | 0 | 0.17560E-06 | 478464.6 | 3743361.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002346 | 0 | 0.17560E-06 | 478456.0 | 3743361.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002347 | 0 | 0.17560E-06 | 478447.4 | 3743361.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002348 | 0 | 0.17560E-06 | 478438.8 | 3743361.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002349 | 0 | 0.17560E-06 | 478430.2 | 3743361.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002350 | 0 | 0.17560E-06 | 478421.7 | 3743361.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002351 | 0 | 0.17560E-06 | 478413.1 | 3743361.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002352 | 0 | 0.17560E-06 | 478404.5 | 3743361.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002353 | 0 | 0.17560E-06 | 478395.9 | 3743362.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002354 | 0 | 0.17560E-06 | 478387.3 | 3743362.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002355 | 0 | 0.17560E-06 | 478378.7 | 3743362.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002356 | 0 | 0.17560E-06 | 478370.1 | 3743362.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002357 | 0 | 0.17560E-06 | 478361.5 | 3743362.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002358 | 0 | 0.17560E-06 | 478352.9 | 3743362.6 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002359 | 0 | 0.17560E-06 | 478344.4 | 3743362.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002360 | 0 | 0.17560E-06 | 478335.8 | 3743362.8 | 446.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002361 | 0 | 0.17560E-06 | 478327.2 | 3743363.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002362 | 0 | 0.17560E-06 | 478318.6 | 3743363.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002363 | 0 | 0.17560E-06 | 478310.0 | 3743363.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002364 | 0 | 0.17560E-06 | 478301.4 | 3743363.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002365 | 0 | 0.17560E-06 | 478292.8 | 3743363.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002366 | 0 | 0.17560E-06 | 478284.2 | 3743363.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002367 | 0 | 0.17560E-06 | 478275.6 | 3743363.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002368 | 0 | 0.17450E-06 | 478273.8 | 3743351.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002369 | 0 | 0.17450E-06 | 478273.7 | 3743343.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002370 | 0 | 0.17450E-06 | 478273.7 | 3743334.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002371 | 0 | 0.17450E-06 | 478273.7 | 3743325.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002372 | 0 | 0.17450E-06 | 478273.7 | 3743317.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002373 | 0 | 0.17450E-06 | 478273.7 | 3743308.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002374 | 0 | 0.17450E-06 | 478273.7 | 3743300.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002375 | 0 | 0.17450E-06 | 478273.7 | 3743291.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002376 | 0 | 0.17450E-06 | 478273.7 | 3743282.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002377 | 0 | 0.17450E-06 | 478273.7 | 3743274.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002378 | 0 | 0.17450E-06 | 478273.7 | 3743265.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002379 | 0 | 0.17450E-06 | 478273.7 | 3743257.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002380 | 0 | 0.17450E-06 | 478273.6 | 3743248.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002381 | 0 | 0.17450E-06 | 478273.6 | 3743239.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 ***
 *** AERMET - VERSION 16216 ***

*** First Industrial Warehouse at Rider and Redlands
 *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002382 | 0 | 0.17450E-06 | 478273.6 | 3743231.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002383 | 0 | 0.17450E-06 | 478273.6 | 3743222.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002384 | 0 | 0.17450E-06 | 478273.6 | 3743214.1 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002385 | 0 | 0.17450E-06 | 478273.6 | 3743205.5 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002386 | 0 | 0.17450E-06 | 478273.6 | 3743196.9 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002387 | 0 | 0.17450E-06 | 478273.6 | 3743188.3 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002388 | 0 | 0.17450E-06 | 478273.6 | 3743179.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002389 | 0 | 0.17450E-06 | 478273.6 | 3743171.2 | 446.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002390 | 0 | 0.17450E-06 | 478273.5 | 3743162.6 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002391 | 0 | 0.17450E-06 | 478273.5 | 3743154.0 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002392 | 0 | 0.17450E-06 | 478273.5 | 3743145.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002393 | 0 | 0.17450E-06 | 478273.5 | 3743136.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002394 | 0 | 0.17450E-06 | 478273.5 | 3743128.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002395 | 0 | 0.17450E-06 | 478273.5 | 3743119.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002396 | 0 | 0.17450E-06 | 478273.5 | 3743111.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002397 | 0 | 0.17450E-06 | 478273.5 | 3743102.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002398 | 0 | 0.17450E-06 | 478273.5 | 3743093.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002399 | 0 | 0.17450E-06 | 478273.5 | 3743085.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002400 | 0 | 0.17450E-06 | 478273.4 | 3743076.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002401 | 0 | 0.17450E-06 | 478273.4 | 3743068.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002402 | 0 | 0.17450E-06 | 478273.4 | 3743059.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002403 | 0 | 0.17450E-06 | 478273.4 | 3743050.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002404 | 0 | 0.17450E-06 | 478273.4 | 3743042.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002405 | 0 | 0.17450E-06 | 478273.4 | 3743033.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002406 | 0 | 0.17450E-06 | 478273.4 | 3743025.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002407 | 0 | 0.17450E-06 | 478273.4 | 3743016.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002408 | 0 | 0.17450E-06 | 478273.4 | 3743007.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002409 | 0 | 0.17450E-06 | 478273.4 | 3742999.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002410 | 0 | 0.17450E-06 | 478273.3 | 3742990.8 | 445.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002411 | 0 | 0.17450E-06 | 478273.3 | 3742982.2 | 445.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002412 | 0 | 0.17450E-06 | 478273.3 | 3742973.6 | 445.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002413 | 0 | 0.17450E-06 | 478273.3 | 3742965.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002414 | 0 | 0.17450E-06 | 478273.3 | 3742956.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002415 | 0 | 0.17450E-06 | 478273.3 | 3742947.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002416 | 0 | 0.17450E-06 | 478273.3 | 3742939.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002417 | 0 | 0.17450E-06 | 478273.3 | 3742930.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002418 | 0 | 0.17450E-06 | 478273.3 | 3742922.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002419 | 0 | 0.17450E-06 | 478273.3 | 3742913.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002420 | 0 | 0.17450E-06 | 478273.3 | 3742904.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002421 | 0 | 0.17450E-06 | 478273.2 | 3742896.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
PAGE 9

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002422 | 0 | 0.17450E-06 | 478273.2 | 3742887.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002423 | 0 | 0.17450E-06 | 478273.2 | 3742879.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002424 | 0 | 0.17450E-06 | 478273.2 | 3742870.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002425 | 0 | 0.17450E-06 | 478273.2 | 3742861.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002426 | 0 | 0.17450E-06 | 478273.2 | 3742853.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002427 | 0 | 0.17450E-06 | 478273.2 | 3742844.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002428 | 0 | 0.17450E-06 | 478273.2 | 3742836.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002429 | 0 | 0.17450E-06 | 478273.2 | 3742827.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002430 | 0 | 0.17450E-06 | 478273.2 | 3742819.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002431 | 0 | 0.17450E-06 | 478273.1 | 3742810.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002432 | 0 | 0.17450E-06 | 478273.1 | 3742801.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002433 | 0 | 0.17450E-06 | 478273.1 | 3742793.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002434 | 0 | 0.17450E-06 | 478273.1 | 3742784.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002435 | 0 | 0.17450E-06 | 478273.1 | 3742776.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002436 | 0 | 0.17450E-06 | 478273.1 | 3742767.4 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002437 | 0 | 0.17450E-06 | 478273.1 | 3742758.8 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002438 | 0 | 0.17450E-06 | 478273.1 | 3742750.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002439 | 0 | 0.17450E-06 | 478273.1 | 3742741.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002440 | 0 | 0.17450E-06 | 478273.1 | 3742733.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002441 | 0 | 0.17450E-06 | 478273.0 | 3742724.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002442 | 0 | 0.17450E-06 | 478273.0 | 3742715.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002443 | 0 | 0.17450E-06 | 478273.0 | 3742707.3 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002444 | 0 | 0.17450E-06 | 478273.0 | 3742698.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002445 | 0 | 0.17450E-06 | 478273.0 | 3742690.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002446 | 0 | 0.17450E-06 | 478273.0 | 3742681.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002447 | 0 | 0.17450E-06 | 478273.0 | 3742672.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002448 | 0 | 0.17450E-06 | 478273.0 | 3742664.3 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002449 | 0 | 0.17450E-06 | 478273.0 | 3742655.8 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002450 | 0 | 0.17450E-06 | 478273.0 | 3742647.2 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002451 | 0 | 0.17450E-06 | 478273.0 | 3742638.6 | 444.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002452 | 0 | 0.17450E-06 | 478272.9 | 3742630.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002453 | 0 | 0.17450E-06 | 478272.9 | 3742621.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002454 | 0 | 0.17450E-06 | 478272.9 | 3742612.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002455 | 0 | 0.17450E-06 | 478272.9 | 3742604.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002456 | 0 | 0.17450E-06 | 478272.9 | 3742595.6 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002457 | 0 | 0.17450E-06 | 478272.9 | 3742587.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002458 | 0 | 0.17450E-06 | 478272.9 | 3742578.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002459 | 0 | 0.17450E-06 | 478272.9 | 3742569.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002460 | 0 | 0.17450E-06 | 478272.9 | 3742561.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002461 | 0 | 0.17330E-06 | 478268.6 | 3742551.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002462 | 0 | 0.17330E-06 | 478260.0 | 3742551.7 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002463 | 0 | 0.17330E-06 | 478251.4 | 3742552.0 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002464 | 0 | 0.17330E-06 | 478242.8 | 3742552.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002465 | 0 | 0.17330E-06 | 478234.2 | 3742552.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002466 | 0 | 0.17330E-06 | 478225.6 | 3742552.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002467 | 0 | 0.17330E-06 | 478217.1 | 3742552.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002468 | 0 | 0.17330E-06 | 478208.5 | 3742553.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002469 | 0 | 0.17330E-06 | 478199.9 | 3742553.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002470 | 0 | 0.17330E-06 | 478191.3 | 3742553.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002471 | 0 | 0.17330E-06 | 478182.7 | 3742553.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002472 | 0 | 0.17330E-06 | 478174.1 | 3742554.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002473 | 0 | 0.17330E-06 | 478165.5 | 3742554.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002474 | 0 | 0.17330E-06 | 478156.9 | 3742554.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002475 | 0 | 0.17330E-06 | 478148.4 | 3742554.9 | 445.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002476 | 0 | 0.17330E-06 | 478139.8 | 3742555.1 | 445.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002477 | 0 | 0.17330E-06 | 478131.2 | 3742555.3 | 445.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002478 | 0 | 0.17330E-06 | 478122.6 | 3742555.6 | 445.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002479 | 0 | 0.17330E-06 | 478114.0 | 3742555.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002480 | 0 | 0.17330E-06 | 478105.4 | 3742556.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002481 | 0 | 0.17330E-06 | 478096.8 | 3742556.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002482 | 0 | 0.17330E-06 | 478088.3 | 3742556.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002483 | 0 | 0.17330E-06 | 478079.7 | 3742556.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002484 | 0 | 0.17330E-06 | 478071.1 | 3742557.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002485 | 0 | 0.17330E-06 | 478062.5 | 3742557.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002486 | 0 | 0.17330E-06 | 478053.9 | 3742557.5 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002487 | 0 | 0.17330E-06 | 478045.3 | 3742557.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002488 | 0 | 0.17330E-06 | 478036.7 | 3742558.0 | 446.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002489 | 0 | 0.17330E-06 | 478028.1 | 3742558.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002490 | 0 | 0.17330E-06 | 478019.6 | 3742558.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002491 | 0 | 0.17330E-06 | 478011.0 | 3742558.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002492 | 0 | 0.17330E-06 | 478002.4 | 3742558.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002493 | 0 | 0.17330E-06 | 477993.8 | 3742559.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002494 | 0 | 0.17330E-06 | 477985.2 | 3742559.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002495 | 0 | 0.17330E-06 | 477976.6 | 3742559.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002496 | 0 | 0.17330E-06 | 477968.0 | 3742559.9 | 447.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002497 | 0 | 0.17330E-06 | 477959.5 | 3742560.1 | 447.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002498 | 0 | 0.17330E-06 | 477950.9 | 3742560.4 | 447.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002499 | 0 | 0.17330E-06 | 477942.3 | 3742560.6 | 447.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002500 | 0 | 0.17330E-06 | 477933.7 | 3742560.8 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002501 | 0 | 0.17330E-06 | 477925.1 | 3742561.1 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 11

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|--------------|--------------------------|------------------------------|---------------|---------------|---------------------------|-------------------------------|-------------------------|-------------------------|-----------------|------------------------------------|
| L0002502 | 0 | 0.17330E-06 | 477916.5 | 3742561.3 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002503 | 0 | 0.17330E-06 | 477907.9 | 3742561.6 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002504 | 0 | 0.17330E-06 | 477899.3 | 3742561.8 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002505 | 0 | 0.17330E-06 | 477890.8 | 3742562.0 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002506 | 0 | 0.17330E-06 | 477882.2 | 3742562.3 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002507 | 0 | 0.17330E-06 | 477873.6 | 3742562.5 | 448.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002508 | 0 | 0.17330E-06 | 477865.0 | 3742562.8 | 448.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002509 | 0 | 0.17330E-06 | 477856.4 | 3742563.0 | 448.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002510 | 0 | 0.17330E-06 | 477847.8 | 3742563.2 | 448.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002511 | 0 | 0.17330E-06 | 477839.2 | 3742563.5 | 448.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002512 | 0 | 0.17330E-06 | 477830.7 | 3742563.7 | 448.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002513 | 0 | 0.17330E-06 | 477822.1 | 3742564.0 | 449.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002514 | 0 | 0.17330E-06 | 477813.5 | 3742564.2 | 449.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002515 | 0 | 0.17330E-06 | 477804.9 | 3742564.4 | 449.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002516 | 0 | 0.17330E-06 | 477796.3 | 3742564.7 | 449.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002517 | 0 | 0.17330E-06 | 477787.7 | 3742564.9 | 449.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002518 | 0 | 0.17330E-06 | 477779.1 | 3742565.2 | 449.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002519 | 0 | 0.17330E-06 | 477770.5 | 3742565.4 | 449.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002520 | 0 | 0.17330E-06 | 477762.0 | 3742565.6 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002521 | 0 | 0.17330E-06 | 477753.4 | 3742565.9 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002522 | 0 | 0.17330E-06 | 477744.8 | 3742566.1 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002523 | 0 | 0.17330E-06 | 477736.2 | 3742566.4 | 450.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002524 | 0 | 0.17330E-06 | 477727.6 | 3742566.6 | 450.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002525 | 0 | 0.17330E-06 | 477719.0 | 3742566.8 | 450.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002526 | 0 | 0.17330E-06 | 477710.4 | 3742567.1 | 450.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002527 | 0 | 0.17330E-06 | 477701.9 | 3742567.3 | 450.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002528 | 0 | 0.43020E-06 | 479901.0 | 3743011.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002529 | 0 | 0.43020E-06 | 479909.6 | 3743011.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002530 | 0 | 0.43020E-06 | 479918.2 | 3743011.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002531 | 0 | 0.43020E-06 | 479926.8 | 3743011.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002532 | 0 | 0.43020E-06 | 479935.3 | 3743011.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002533 | 0 | 0.43020E-06 | 479943.9 | 3743011.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002534 | 0 | 0.43020E-06 | 479952.5 | 3743011.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002535 | 0 | 0.43020E-06 | 479961.1 | 3743011.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002536 | 0 | 0.43020E-06 | 479969.7 | 3743011.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002537 | 0 | 0.43020E-06 | 479978.3 | 3743012.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002538 | 0 | 0.43020E-06 | 479986.9 | 3743012.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002539 | 0 | 0.43020E-06 | 479995.5 | 3743012.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002540 | 0 | 0.43020E-06 | 480004.1 | 3743012.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002541 | 0 | 0.43020E-06 | 480012.6 | 3743012.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002542 | 0 | 0.43020E-06 | 480021.2 | 3743012.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002543 | 0 | 0.43020E-06 | 480029.8 | 3743012.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002544 | 0 | 0.43020E-06 | 480038.4 | 3743012.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002545 | 0 | 0.43020E-06 | 480047.0 | 3743012.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002546 | 0 | 0.43020E-06 | 480055.6 | 3743012.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002547 | 0 | 0.43020E-06 | 480064.2 | 3743012.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002548 | 0 | 0.43020E-06 | 480072.8 | 3743012.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002549 | 0 | 0.43020E-06 | 480074.9 | 3743019.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002550 | 0 | 0.43020E-06 | 480075.0 | 3743027.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002551 | 0 | 0.43020E-06 | 480075.1 | 3743036.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002552 | 0 | 0.43020E-06 | 480075.2 | 3743045.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002553 | 0 | 0.43020E-06 | 480075.3 | 3743053.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002554 | 0 | 0.43020E-06 | 480075.4 | 3743062.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002555 | 0 | 0.43020E-06 | 480075.5 | 3743070.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002556 | 0 | 0.43020E-06 | 480075.6 | 3743079.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002557 | 0 | 0.43020E-06 | 480075.7 | 3743087.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002558 | 0 | 0.43020E-06 | 480075.8 | 3743096.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002559 | 0 | 0.43020E-06 | 480075.9 | 3743105.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002560 | 0 | 0.43020E-06 | 480076.0 | 3743113.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002561 | 0 | 0.43020E-06 | 480076.1 | 3743122.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002562 | 0 | 0.43020E-06 | 480076.2 | 3743130.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002563 | 0 | 0.43020E-06 | 480076.3 | 3743139.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002564 | 0 | 0.43020E-06 | 480076.4 | 3743148.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002565 | 0 | 0.43020E-06 | 480076.5 | 3743156.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002566 | 0 | 0.43020E-06 | 480076.6 | 3743165.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002567 | 0 | 0.43020E-06 | 480076.7 | 3743173.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002568 | 0 | 0.43020E-06 | 480076.8 | 3743182.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002569 | 0 | 0.43020E-06 | 480076.9 | 3743191.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002570 | 0 | 0.43020E-06 | 480077.0 | 3743199.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002571 | 0 | 0.43020E-06 | 480077.1 | 3743208.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002572 | 0 | 0.43020E-06 | 480077.2 | 3743216.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002573 | 0 | 0.43020E-06 | 480077.3 | 3743225.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002574 | 0 | 0.43020E-06 | 480077.4 | 3743233.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002575 | 0 | 0.43020E-06 | 480077.5 | 3743242.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002576 | 0 | 0.43020E-06 | 480077.6 | 3743251.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002577 | 0 | 0.43020E-06 | 480077.7 | 3743259.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002578 | 0 | 0.43020E-06 | 480077.8 | 3743268.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002579 | 0 | 0.43020E-06 | 480077.9 | 3743276.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002580 | 0 | 0.43020E-06 | 480078.0 | 3743285.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002581 | 0 | 0.43020E-06 | 480078.1 | 3743294.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | | |
|-------------|------------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | | |
| ALL | L0002142 | , | L0002143 | , | L0002144 | , | L0002145 | , | L0002146 | , | L0002147 | , | L0002148 | , | L0002149 | , |
| | L0002150 | , | L0002151 | , | L0002152 | , | L0002153 | , | L0002154 | , | L0002155 | , | L0002156 | , | L0002157 | , |
| | L0002158 | , | L0002159 | , | L0002160 | , | L0002161 | , | L0002162 | , | L0002163 | , | L0002164 | , | L0002165 | , |
| | L0002166 | , | L0002167 | , | L0002168 | , | L0002169 | , | L0002170 | , | L0002171 | , | L0002172 | , | L0002173 | , |
| | L0002174 | , | L0002175 | , | L0002176 | , | L0002177 | , | L0002178 | , | L0002179 | , | L0002180 | , | L0002181 | , |
| | L0002182 | , | L0002183 | , | L0002184 | , | L0002185 | , | L0002186 | , | L0002187 | , | L0002188 | , | L0002189 | , |
| | L0002190 | , | L0002191 | , | L0002192 | , | L0002193 | , | L0002194 | , | L0002195 | , | L0002196 | , | L0002197 | , |
| | L0002198 | , | L0002199 | , | L0002200 | , | L0002201 | , | L0002202 | , | L0002203 | , | L0002204 | , | L0002205 | , |
| | L0002206 | , | L0002207 | , | L0002208 | , | L0002209 | , | L0002210 | , | L0002211 | , | L0002212 | , | L0002213 | , |
| | L0002214 | , | L0002215 | , | L0002216 | , | L0002217 | , | L0002218 | , | L0002219 | , | L0002220 | , | L0002221 | , |
| | L0002222 | , | L0002223 | , | L0002224 | , | L0002225 | , | L0002226 | , | L0002227 | , | L0002228 | , | L0002229 | , |
| | L0002230 | , | L0002231 | , | L0002232 | , | L0002233 | , | L0002234 | , | L0002235 | , | L0002236 | , | L0002237 | , |
| | L0002238 | , | L0002239 | , | L0002240 | , | L0002241 | , | L0002242 | , | L0002243 | , | L0002244 | , | L0002245 | , |
| | L0002246 | , | L0002247 | , | L0002248 | , | L0002249 | , | L0002250 | , | L0002251 | , | L0002252 | , | L0002253 | , |
| | L0002254 | , | L0002255 | , | L0002256 | , | L0002257 | , | L0002258 | , | L0002259 | , | L0002260 | , | L0002261 | , |
| | L0002262 | , | L0002263 | , | L0002264 | , | L0002265 | , | L0002266 | , | L0002267 | , | L0002268 | , | L0002269 | , |
| | L0002270 | , | L0002271 | , | L0002272 | , | L0002273 | , | L0002274 | , | L0002275 | , | L0002276 | , | L0002277 | , |
| | L0002278 | , | L0002279 | , | L0002280 | , | L0002281 | , | L0002282 | , | L0002283 | , | L0002284 | , | L0002285 | , |
| | L0002286 | , | L0002287 | , | L0002288 | , | L0002289 | , | L0002290 | , | L0002291 | , | L0002292 | , | L0002293 | , |
| | L0002294 | , | L0002295 | , | L0002296 | , | L0002297 | , | L0002298 | , | L0002299 | , | L0002300 | , | L0002301 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002302 | , | L0002303 | , | L0002304 | , | L0002305 | , | L0002306 | , | L0002307 | , | L0002308 | , | L0002309 | , |
| L0002310 | , | L0002311 | , | L0002312 | , | L0002313 | , | L0002314 | , | L0002315 | , | L0002316 | , | L0002317 | , |
| L0002318 | , | L0002319 | , | L0002320 | , | L0002321 | , | L0002322 | , | L0002323 | , | L0002324 | , | L0002325 | , |
| L0002326 | , | L0002327 | , | L0002328 | , | L0002329 | , | L0002330 | , | L0002331 | , | L0002332 | , | L0002333 | , |
| L0002334 | , | L0002335 | , | L0002336 | , | L0002337 | , | L0002338 | , | L0002339 | , | L0002340 | , | L0002341 | , |
| L0002342 | , | L0002343 | , | L0002344 | , | L0002345 | , | L0002346 | , | L0002347 | , | L0002348 | , | L0002349 | , |
| L0002350 | , | L0002351 | , | L0002352 | , | L0002353 | , | L0002354 | , | L0002355 | , | L0002356 | , | L0002357 | , |
| L0002358 | , | L0002359 | , | L0002360 | , | L0002361 | , | L0002362 | , | L0002363 | , | L0002364 | , | L0002365 | , |
| L0002366 | , | L0002367 | , | L0002368 | , | L0002369 | , | L0002370 | , | L0002371 | , | L0002372 | , | L0002373 | , |
| L0002374 | , | L0002375 | , | L0002376 | , | L0002377 | , | L0002378 | , | L0002379 | , | L0002380 | , | L0002381 | , |
| L0002382 | , | L0002383 | , | L0002384 | , | L0002385 | , | L0002386 | , | L0002387 | , | L0002388 | , | L0002389 | , |
| L0002390 | , | L0002391 | , | L0002392 | , | L0002393 | , | L0002394 | , | L0002395 | , | L0002396 | , | L0002397 | , |
| L0002398 | , | L0002399 | , | L0002400 | , | L0002401 | , | L0002402 | , | L0002403 | , | L0002404 | , | L0002405 | , |
| L0002406 | , | L0002407 | , | L0002408 | , | L0002409 | , | L0002410 | , | L0002411 | , | L0002412 | , | L0002413 | , |
| L0002414 | , | L0002415 | , | L0002416 | , | L0002417 | , | L0002418 | , | L0002419 | , | L0002420 | , | L0002421 | , |
| L0002422 | , | L0002423 | , | L0002424 | , | L0002425 | , | L0002426 | , | L0002427 | , | L0002428 | , | L0002429 | , |
| L0002430 | , | L0002431 | , | L0002432 | , | L0002433 | , | L0002434 | , | L0002435 | , | L0002436 | , | L0002437 | , |
| L0002438 | , | L0002439 | , | L0002440 | , | L0002441 | , | L0002442 | , | L0002443 | , | L0002444 | , | L0002445 | , |
| L0002446 | , | L0002447 | , | L0002448 | , | L0002449 | , | L0002450 | , | L0002451 | , | L0002452 | , | L0002453 | , |
| L0002454 | , | L0002455 | , | L0002456 | , | L0002457 | , | L0002458 | , | L0002459 | , | L0002460 | , | L0002461 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002462 | , | L0002463 | , | L0002464 | , | L0002465 | , | L0002466 | , | L0002467 | , | L0002468 | , | L0002469 | , |
| L0002470 | , | L0002471 | , | L0002472 | , | L0002473 | , | L0002474 | , | L0002475 | , | L0002476 | , | L0002477 | , |
| L0002478 | , | L0002479 | , | L0002480 | , | L0002481 | , | L0002482 | , | L0002483 | , | L0002484 | , | L0002485 | , |
| L0002486 | , | L0002487 | , | L0002488 | , | L0002489 | , | L0002490 | , | L0002491 | , | L0002492 | , | L0002493 | , |
| L0002494 | , | L0002495 | , | L0002496 | , | L0002497 | , | L0002498 | , | L0002499 | , | L0002500 | , | L0002501 | , |
| L0002502 | , | L0002503 | , | L0002504 | , | L0002505 | , | L0002506 | , | L0002507 | , | L0002508 | , | L0002509 | , |
| L0002510 | , | L0002511 | , | L0002512 | , | L0002513 | , | L0002514 | , | L0002515 | , | L0002516 | , | L0002517 | , |
| L0002518 | , | L0002519 | , | L0002520 | , | L0002521 | , | L0002522 | , | L0002523 | , | L0002524 | , | L0002525 | , |
| L0002526 | , | L0002527 | , | L0002528 | , | L0002529 | , | L0002530 | , | L0002531 | , | L0002532 | , | L0002533 | , |
| L0002534 | , | L0002535 | , | L0002536 | , | L0002537 | , | L0002538 | , | L0002539 | , | L0002540 | , | L0002541 | , |
| L0002542 | , | L0002543 | , | L0002544 | , | L0002545 | , | L0002546 | , | L0002547 | , | L0002548 | , | L0002549 | , |
| L0002550 | , | L0002551 | , | L0002552 | , | L0002553 | , | L0002554 | , | L0002555 | , | L0002556 | , | L0002557 | , |
| L0002558 | , | L0002559 | , | L0002560 | , | L0002561 | , | L0002562 | , | L0002563 | , | L0002564 | , | L0002565 | , |
| L0002566 | , | L0002567 | , | L0002568 | , | L0002569 | , | L0002570 | , | L0002571 | , | L0002572 | , | L0002573 | , |
| L0002574 | , | L0002575 | , | L0002576 | , | L0002577 | , | L0002578 | , | L0002579 | , | L0002580 | , | L0002581 | , |
| L0002582 | , | L0002583 | , | L0002584 | , | L0002585 | , | L0002586 | , | L0002587 | , | L0002588 | , | L0002589 | , |
| L0002590 | , | L0002591 | , | L0002592 | , | L0002593 | , | L0002594 | , | L0002595 | , | L0002596 | , | L0002597 | , |
| L0002598 | , | L0002599 | , | L0002600 | , | L0002601 | , | L0002602 | , | L0002603 | , | L0002604 | , | L0002605 | , |
| L0002606 | , | | | | | | | | | | | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0002149 | 2189641. | L0002142 | , L0002143 | , L0002144 | , L0002145 | , L0002146 | , L0002147 | , L0002148 | , L0002149 | , |
| | | L0002150 | , L0002151 | , L0002152 | , L0002153 | , L0002154 | , L0002155 | , L0002156 | , L0002157 | , |
| | | L0002158 | , L0002159 | , L0002160 | , L0002161 | , L0002162 | , L0002163 | , L0002164 | , L0002165 | , |
| | | L0002166 | , L0002167 | , L0002168 | , L0002169 | , L0002170 | , L0002171 | , L0002172 | , L0002173 | , |
| | | L0002174 | , L0002175 | , L0002176 | , L0002177 | , L0002178 | , L0002179 | , L0002180 | , L0002181 | , |
| | | L0002182 | , L0002183 | , L0002184 | , L0002185 | , L0002186 | , L0002187 | , L0002188 | , L0002189 | , |
| | | L0002190 | , L0002191 | , L0002192 | , L0002193 | , L0002194 | , L0002195 | , L0002196 | , L0002197 | , |
| | | L0002198 | , L0002199 | , L0002200 | , L0002201 | , L0002202 | , L0002203 | , L0002204 | , L0002205 | , |
| | | L0002206 | , L0002207 | , L0002208 | , L0002209 | , L0002210 | , L0002211 | , L0002212 | , L0002213 | , |
| | | L0002214 | , L0002215 | , L0002216 | , L0002217 | , L0002218 | , L0002219 | , L0002220 | , L0002221 | , |
| | | L0002222 | , L0002223 | , L0002224 | , L0002225 | , L0002226 | , L0002227 | , L0002228 | , L0002229 | , |
| | | L0002230 | , L0002231 | , L0002232 | , L0002233 | , L0002234 | , L0002235 | , L0002236 | , L0002237 | , |
| | | L0002238 | , L0002239 | , L0002240 | , L0002241 | , L0002242 | , L0002243 | , L0002244 | , L0002245 | , |
| | | L0002246 | , L0002247 | , L0002248 | , L0002249 | , L0002250 | , L0002251 | , L0002252 | , L0002253 | , |
| | | L0002254 | , L0002255 | , L0002256 | , L0002257 | , L0002258 | , L0002259 | , L0002260 | , L0002261 | , |
| | | L0002262 | , L0002263 | , L0002264 | , L0002265 | , L0002266 | , L0002267 | , L0002268 | , L0002269 | , |
| | | L0002270 | , L0002271 | , L0002272 | , L0002273 | , L0002274 | , L0002275 | , L0002276 | , L0002277 | , |
| | | L0002278 | , L0002279 | , L0002280 | , L0002281 | , L0002282 | , L0002283 | , L0002284 | , L0002285 | , |
| | | L0002286 | , L0002287 | , L0002288 | , L0002289 | , L0002290 | , L0002291 | , L0002292 | , L0002293 | , |
| | | L0002294 | , L0002295 | , L0002296 | , L0002297 | , L0002298 | , L0002299 | , L0002300 | , L0002301 | , |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID ----- | URBAN POP ----- | SOURCE IDs ----- | | | | | | | |
|-------------------|--------------------|---------------------|------------|------------|------------|------------|------------|------------|---|
| L0002302 | | , L0002303 | , L0002304 | , L0002305 | , L0002306 | , L0002307 | , L0002308 | , L0002309 | , |
| L0002310 | | , L0002311 | , L0002312 | , L0002313 | , L0002314 | , L0002315 | , L0002316 | , L0002317 | , |
| L0002318 | | , L0002319 | , L0002320 | , L0002321 | , L0002322 | , L0002323 | , L0002324 | , L0002325 | , |
| L0002326 | | , L0002327 | , L0002328 | , L0002329 | , L0002330 | , L0002331 | , L0002332 | , L0002333 | , |
| L0002334 | | , L0002335 | , L0002336 | , L0002337 | , L0002338 | , L0002339 | , L0002340 | , L0002341 | , |
| L0002342 | | , L0002343 | , L0002344 | , L0002345 | , L0002346 | , L0002347 | , L0002348 | , L0002349 | , |
| L0002350 | | , L0002351 | , L0002352 | , L0002353 | , L0002354 | , L0002355 | , L0002356 | , L0002357 | , |
| L0002358 | | , L0002359 | , L0002360 | , L0002361 | , L0002362 | , L0002363 | , L0002364 | , L0002365 | , |
| L0002366 | | , L0002367 | , L0002368 | , L0002369 | , L0002370 | , L0002371 | , L0002372 | , L0002373 | , |
| L0002374 | | , L0002375 | , L0002376 | , L0002377 | , L0002378 | , L0002379 | , L0002380 | , L0002381 | , |
| L0002382 | | , L0002383 | , L0002384 | , L0002385 | , L0002386 | , L0002387 | , L0002388 | , L0002389 | , |
| L0002390 | | , L0002391 | , L0002392 | , L0002393 | , L0002394 | , L0002395 | , L0002396 | , L0002397 | , |
| L0002398 | | , L0002399 | , L0002400 | , L0002401 | , L0002402 | , L0002403 | , L0002404 | , L0002405 | , |
| L0002406 | | , L0002407 | , L0002408 | , L0002409 | , L0002410 | , L0002411 | , L0002412 | , L0002413 | , |
| L0002414 | | , L0002415 | , L0002416 | , L0002417 | , L0002418 | , L0002419 | , L0002420 | , L0002421 | , |
| L0002422 | | , L0002423 | , L0002424 | , L0002425 | , L0002426 | , L0002427 | , L0002428 | , L0002429 | , |
| L0002430 | | , L0002431 | , L0002432 | , L0002433 | , L0002434 | , L0002435 | , L0002436 | , L0002437 | , |
| L0002438 | | , L0002439 | , L0002440 | , L0002441 | , L0002442 | , L0002443 | , L0002444 | , L0002445 | , |
| L0002446 | | , L0002447 | , L0002448 | , L0002449 | , L0002450 | , L0002451 | , L0002452 | , L0002453 | , |
| L0002454 | | , L0002455 | , L0002456 | , L0002457 | , L0002458 | , L0002459 | , L0002460 | , L0002461 | , |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|---|
| ----- | ----- | ----- | | | | | | | |
| L0002462 | | , L0002463 | , L0002464 | , L0002465 | , L0002466 | , L0002467 | , L0002468 | , L0002469 | , |
| L0002470 | | , L0002471 | , L0002472 | , L0002473 | , L0002474 | , L0002475 | , L0002476 | , L0002477 | , |
| L0002478 | | , L0002479 | , L0002480 | , L0002481 | , L0002482 | , L0002483 | , L0002484 | , L0002485 | , |
| L0002486 | | , L0002487 | , L0002488 | , L0002489 | , L0002490 | , L0002491 | , L0002492 | , L0002493 | , |
| L0002494 | | , L0002495 | , L0002496 | , L0002497 | , L0002498 | , L0002499 | , L0002500 | , L0002501 | , |
| L0002502 | | , L0002503 | , L0002504 | , L0002505 | , L0002506 | , L0002507 | , L0002508 | , L0002509 | , |
| L0002510 | | , L0002511 | , L0002512 | , L0002513 | , L0002514 | , L0002515 | , L0002516 | , L0002517 | , |
| L0002518 | | , L0002519 | , L0002520 | , L0002521 | , L0002522 | , L0002523 | , L0002524 | , L0002525 | , |
| L0002526 | | , L0002527 | , L0002528 | , L0002529 | , L0002530 | , L0002531 | , L0002532 | , L0002533 | , |
| L0002534 | | , L0002535 | , L0002536 | , L0002537 | , L0002538 | , L0002539 | , L0002540 | , L0002541 | , |
| L0002542 | | , L0002543 | , L0002544 | , L0002545 | , L0002546 | , L0002547 | , L0002548 | , L0002549 | , |
| L0002550 | | , L0002551 | , L0002552 | , L0002553 | , L0002554 | , L0002555 | , L0002556 | , L0002557 | , |
| L0002558 | | , L0002559 | , L0002560 | , L0002561 | , L0002562 | , L0002563 | , L0002564 | , L0002565 | , |
| L0002566 | | , L0002567 | , L0002568 | , L0002569 | , L0002570 | , L0002571 | , L0002572 | , L0002573 | , |
| L0002574 | | , L0002575 | , L0002576 | , L0002577 | , L0002578 | , L0002579 | , L0002580 | , L0002581 | , |
| L0002582 | | , L0002583 | , L0002584 | , L0002585 | , L0002586 | , L0002587 | , L0002588 | , L0002589 | , |
| L0002590 | | , L0002591 | , L0002592 | , L0002593 | , L0002594 | , L0002595 | , L0002596 | , L0002597 | , |
| L0002598 | | , L0002599 | , L0002600 | , L0002601 | , L0002602 | , L0002603 | , L0002604 | , L0002605 | , |
| L0002606 | | , | | | | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

477399.1, 477449.1, 477499.1, 477549.1, 477599.1, 477649.1, 477699.1, 477749.1, 477799.1, 477849.1,
477899.1, 477949.1, 477999.1, 478049.1, 478099.1, 478149.1, 478199.1, 478249.1, 478299.1, 478349.1,
478399.1, 478449.1, 478499.1, 478549.1, 478599.1, 478649.1, 478699.1, 478749.1, 478799.1, 478849.1,
478899.1, 478949.1, 478999.1, 479049.1, 479099.1, 479149.1, 479199.1, 479249.1, 479299.1, 479349.1,
479399.1, 479449.1, 479499.1, 479549.1, 479599.1, 479649.1, 479699.1, 479749.1, 479799.1, 479849.1,
479899.1, 479949.1, 479999.1, 480049.1, 480099.1, 480149.1, 480199.1, 480249.1, 480299.1, 480349.1,
480399.1, 480449.1, 480499.1, 480549.1, 480599.1, 480649.1, 480699.1, 480749.1, 480799.1, 480849.1,
480899.1, 480949.1,

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

3741964.3, 3742014.3, 3742064.3, 3742114.3, 3742164.3, 3742214.3, 3742264.3, 3742314.3, 3742364.3, 3742414.3,
3742464.3, 3742514.3, 3742564.3, 3742614.3, 3742664.3, 3742714.3, 3742764.3, 3742814.3, 3742864.3, 3742914.3,
3742964.3, 3743014.3, 3743064.3, 3743114.3, 3743164.3, 3743214.3, 3743264.3, 3743314.3, 3743364.3, 3743414.3,
3743464.3, 3743514.3, 3743564.3, 3743614.3, 3743664.3, 3743714.3, 3743764.3, 3743814.3,

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 461.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 461.00 | 460.30 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 461.00 | 460.40 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 25

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 26

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.90 | 439.00 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 27

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** ** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** ** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 28

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 440.00 | 440.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 440.00 | 440.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 | 440.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.30 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** ** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** ** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 29

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | 477549.08 | 477599.08 | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 592.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 30

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | X-COORD (METERS) | | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477999.08 | 478049.08 | | | | |
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 31

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 33

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 34

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 35

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 36

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 765.00 | 765.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 765.00 | 765.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 765.00 | 765.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | |
|------------------------|--------|--------|-------|------------------------|--------|--------|-------|
| (480087.8, 3742942.1, | 439.0, | 439.0, | 0.0); | (480087.8, 3742999.1, | 439.0, | 439.0, | 0.0); |
| (480089.4, 3743069.9, | 439.0, | 439.0, | 0.0); | (480088.7, 3743120.5, | 439.0, | 439.0, | 0.0); |
| (480088.7, 3743172.0, | 439.0, | 439.0, | 0.0); | (480088.7, 3743211.6, | 439.0, | 439.0, | 0.0); |
| (479731.9, 3743352.3, | 440.0, | 440.0, | 0.0); | (479352.6, 3743330.2, | 441.0, | 441.0, | 0.0); |
| (478263.3, 3742947.1, | 445.1, | 445.1, | 0.0); | (478262.8, 3742909.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742876.6, | 445.0, | 445.0, | 0.0); | (478261.3, 3742840.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742786.9, | 445.0, | 445.0, | 0.0); | (478283.8, 3742805.2, | 445.0, | 445.0, | 0.0); |
| (478282.9, 3742738.0, | 444.6, | 444.6, | 0.0); | (478282.9, 3742694.0, | 444.6, | 444.6, | 0.0); |
| (478261.6, 3742700.2, | 445.0, | 445.0, | 0.0); | (478262.2, 3742621.5, | 444.3, | 444.3, | 0.0); |
| (478261.6, 3742441.8, | 445.0, | 445.0, | 0.0); | (478263.4, 3742373.7, | 445.0, | 445.0, | 0.0); |
| (478263.4, 3742349.8, | 445.0, | 445.0, | 0.0); | (480290.2, 3743075.3, | 438.0, | 438.0, | 0.0); |
| (480292.2, 3743224.7, | 438.0, | 438.0, | 0.0); | (479926.0, 3743352.6, | 439.0, | 439.0, | 0.0); |
| (479732.3, 3743330.2, | 440.0, | 440.0, | 0.0); | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR XR (METERS) | LOCATION -- YR (METERS) | DISTANCE (METERS) |
|--------------|----------------------------|----------------------------|----------------------|
| L0002300 | 478849.1 | 3743364.3 | 0.51 |
| L0002306 | 478799.1 | 3743364.3 | -0.44 |
| L0002312 | 478749.1 | 3743364.3 | -1.13 |
| L0002317 | 478699.1 | 3743364.3 | 0.46 |
| L0002318 | 478699.1 | 3743364.3 | -1.47 |
| L0002323 | 478649.1 | 3743364.3 | -1.08 |
| L0002324 | 478649.1 | 3743364.3 | -1.40 |
| L0002329 | 478599.1 | 3743364.3 | -2.55 |
| L0002330 | 478599.1 | 3743364.3 | -0.95 |
| L0002335 | 478549.1 | 3743364.3 | -3.84 |
| L0002336 | 478549.1 | 3743364.3 | -0.17 |
| L0002340 | 478499.1 | 3743364.3 | 0.73 |
| L0002341 | 478499.1 | 3743364.3 | -4.79 |
| L0002342 | 478499.1 | 3743364.3 | 0.86 |
| L0002346 | 478449.1 | 3743364.3 | -0.97 |
| L0002347 | 478449.1 | 3743364.3 | -5.12 |
| L0002352 | 478399.1 | 3743364.3 | -2.68 |
| L0002353 | 478399.1 | 3743364.3 | -4.66 |
| L0002358 | 478349.1 | 3743364.3 | -4.38 |
| L0002359 | 478349.1 | 3743364.3 | -3.62 |
| L0002364 | 478299.1 | 3743364.3 | -6.09 |
| L0002365 | 478299.1 | 3743364.3 | -2.28 |
| L0002475 | 478149.1 | 3742564.3 | 0.86 |
| L0002481 | 478099.1 | 3742564.3 | -0.29 |
| L0002486 | 478049.1 | 3742564.3 | -0.26 |
| L0002487 | 478049.1 | 3742564.3 | -1.04 |
| L0002492 | 477999.1 | 3742564.3 | -2.30 |
| L0002493 | 477999.1 | 3742564.3 | -1.24 |
| L0002498 | 477949.1 | 3742564.3 | -4.29 |
| L0002499 | 477949.1 | 3742564.3 | -0.86 |
| L0002503 | 477899.1 | 3742564.3 | 0.66 |
| L0002504 | 477899.1 | 3742564.3 | -6.10 |
| L0002505 | 477899.1 | 3742564.3 | 0.02 |
| L0002509 | 477849.1 | 3742564.3 | -1.15 |
| L0002510 | 477849.1 | 3742564.3 | -6.96 |
| L0002515 | 477799.1 | 3742564.3 | -2.79 |
| L0002516 | 477799.1 | 3742564.3 | -5.80 |
| L0002521 | 477749.1 | 3742564.3 | -4.02 |
| L0002522 | 477749.1 | 3742564.3 | -3.94 |
| L0002527 | 477699.1 | 3742564.3 | -4.50 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR LOCATION -- | | DISTANCE (METERS) |
|--------------|-------------------------|-------------|----------------------|
| | XR (METERS) | YR (METERS) | |
| L0002528 | 479899.1 | 3743014.3 | -5.19 |
| L0002533 | 479949.1 | 3743014.3 | -2.86 |
| L0002534 | 479949.1 | 3743014.3 | -4.36 |
| L0002539 | 479999.1 | 3743014.3 | -4.38 |
| L0002540 | 479999.1 | 3743014.3 | -3.18 |
| L0002545 | 480049.1 | 3743014.3 | -5.83 |
| L0002546 | 480049.1 | 3743014.3 | -1.84 |
| L0002585 | 480049.1 | 3743064.3 | 0.96 |
| L0002589 | 480049.1 | 3743114.3 | -0.71 |
| L0002590 | 480049.1 | 3743114.3 | -4.13 |
| L0002595 | 480049.1 | 3743164.3 | -1.63 |
| L0002596 | 480049.1 | 3743164.3 | -2.86 |
| L0002601 | 480049.1 | 3743214.3 | -2.25 |
| L0002602 | 480049.1 | 3743214.3 | -1.45 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: PERI_v9.SFC
 Profile file: PERI_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171
 Name: UNKNOWN
 Year: 2010

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2010

Met Version: 16216

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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 1.00 | 0.40 | 3. | 9.1 | 277.0 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 07 | -8.0 | 0.125 | -9.000 | -9.000 | -999. | 106. | 21.0 | 0.19 | 0.61 | 1.00 | 1.30 | 99. | 9.1 | 277.0 | 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 | | | |
| 10 | 01 | 01 | 1 | 09 | 20.1 | 0.128 | 0.307 | 0.010 | 49. | 110. | -9.0 | 0.19 | 0.61 | 0.33 | 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 | | | |
| 10 | 01 | 01 | 1 | 12 | 97.1 | 0.281 | 1.058 | 0.008 | 421. | 357. | -19.7 | 0.19 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 0.36 | 1.80 | 11. | 9.1 | 292.5 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 17 | -3.6 | 0.087 | -9.000 | -9.000 | -999. | 71. | 15.6 | 0.19 | 0.61 | 0.64 | 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 | 0.61 | 1.00 | 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 | 1.00 | 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 | 1.00 | 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 | | | |
| 10 | 01 | 01 | 1 | 22 | -3.8 | 0.088 | -9.000 | -9.000 | -999. | 62. | 15.1 | 0.19 | 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 | 1.00 | 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)

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*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands ***      07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
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*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*
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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):   L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
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** CONC OF DPM IN MICROGRAMS/M**3 **
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| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) 477549.08 | 477599.08 | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 |
| 3743764.29 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 |
| 3743714.29 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 |
| 3743664.29 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 |
| 3743614.29 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00012 |
| 3743564.29 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 |
| 3743514.29 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 |
| 3743464.29 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 |
| 3743414.29 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 |
| 3743364.29 | 0.00008 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 |
| 3743314.29 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00015 | 0.00016 |
| 3743264.29 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00017 |
| 3743214.29 | 0.00009 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00017 |
| 3743164.29 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00014 | 0.00015 | 0.00016 | 0.00018 |
| 3743114.29 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00019 |
| 3743064.29 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00015 | 0.00016 | 0.00018 | 0.00019 |
| 3743014.29 | 0.00010 | 0.00010 | 0.00011 | 0.00012 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00020 |
| 3742964.29 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00019 | 0.00021 |
| 3742914.29 | 0.00010 | 0.00011 | 0.00012 | 0.00014 | 0.00015 | 0.00017 | 0.00018 | 0.00020 | 0.00022 |
| 3742864.29 | 0.00010 | 0.00011 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00024 |
| 3742814.29 | 0.00010 | 0.00012 | 0.00013 | 0.00015 | 0.00017 | 0.00019 | 0.00022 | 0.00024 | 0.00027 |
| 3742764.29 | 0.00011 | 0.00012 | 0.00014 | 0.00016 | 0.00018 | 0.00021 | 0.00024 | 0.00027 | 0.00030 |
| 3742714.29 | 0.00011 | 0.00012 | 0.00014 | 0.00017 | 0.00020 | 0.00024 | 0.00028 | 0.00033 | 0.00037 |
| 3742664.29 | 0.00011 | 0.00012 | 0.00015 | 0.00018 | 0.00022 | 0.00028 | 0.00037 | 0.00045 | 0.00051 |
| 3742614.29 | 0.00011 | 0.00012 | 0.00015 | 0.00018 | 0.00024 | 0.00035 | 0.00060 | 0.00083 | 0.00092 |
| 3742564.29 | 0.00011 | 0.00012 | 0.00015 | 0.00018 | 0.00024 | 0.00040 | 0.00133 | 0.00207 | 0.00224 |
| 3742514.29 | 0.00010 | 0.00012 | 0.00014 | 0.00017 | 0.00023 | 0.00034 | 0.00057 | 0.00084 | 0.00097 |
| 3742464.29 | 0.00010 | 0.00012 | 0.00014 | 0.00016 | 0.00020 | 0.00027 | 0.00035 | 0.00045 | 0.00053 |
| 3742414.29 | 0.00010 | 0.00011 | 0.00013 | 0.00015 | 0.00018 | 0.00022 | 0.00027 | 0.00032 | 0.00036 |
| 3742364.29 | 0.00009 | 0.00010 | 0.00012 | 0.00014 | 0.00016 | 0.00019 | 0.00022 | 0.00025 | 0.00028 |
| 3742314.29 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00014 | 0.00016 | 0.00018 | 0.00021 | 0.00023 |
| 3742264.29 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00019 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00012 | 0.00013 | 0.00014 | 0.00015 | 0.00017 |
| 3742164.29 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 |
| 3742114.29 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00013 |
| 3742064.29 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 |
| 3742014.29 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00010 | 0.00011 |
| 3741964.29 | 0.00006 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
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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): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
| 3743814.29 | 0.00011 | 0.00011 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00015 | 0.00016 | 0.00016 |
| 3743764.29 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00018 |
| 3743714.29 | 0.00012 | 0.00013 | 0.00014 | 0.00014 | 0.00016 | 0.00017 | 0.00018 | 0.00019 | 0.00020 |
| 3743664.29 | 0.00013 | 0.00013 | 0.00014 | 0.00016 | 0.00017 | 0.00018 | 0.00020 | 0.00021 | 0.00022 |
| 3743614.29 | 0.00013 | 0.00014 | 0.00015 | 0.00017 | 0.00018 | 0.00020 | 0.00022 | 0.00024 | 0.00026 |
| 3743564.29 | 0.00014 | 0.00015 | 0.00016 | 0.00018 | 0.00020 | 0.00022 | 0.00025 | 0.00027 | 0.00030 |
| 3743514.29 | 0.00015 | 0.00016 | 0.00018 | 0.00019 | 0.00022 | 0.00025 | 0.00028 | 0.00032 | 0.00037 |
| 3743464.29 | 0.00015 | 0.00017 | 0.00019 | 0.00021 | 0.00024 | 0.00028 | 0.00033 | 0.00040 | 0.00049 |
| 3743414.29 | 0.00016 | 0.00018 | 0.00020 | 0.00023 | 0.00026 | 0.00031 | 0.00038 | 0.00051 | 0.00074 |
| 3743364.29 | 0.00017 | 0.00019 | 0.00021 | 0.00024 | 0.00028 | 0.00034 | 0.00044 | 0.00065 | 0.00142 |
| 3743314.29 | 0.00018 | 0.00020 | 0.00022 | 0.00026 | 0.00030 | 0.00037 | 0.00049 | 0.00076 | 0.00185 |
| 3743264.29 | 0.00018 | 0.00021 | 0.00023 | 0.00027 | 0.00032 | 0.00039 | 0.00052 | 0.00081 | 0.00189 |
| 3743214.29 | 0.00019 | 0.00021 | 0.00024 | 0.00028 | 0.00033 | 0.00041 | 0.00054 | 0.00082 | 0.00189 |
| 3743164.29 | 0.00020 | 0.00022 | 0.00025 | 0.00029 | 0.00034 | 0.00042 | 0.00056 | 0.00083 | 0.00189 |
| 3743114.29 | 0.00021 | 0.00023 | 0.00026 | 0.00030 | 0.00035 | 0.00043 | 0.00056 | 0.00083 | 0.00189 |
| 3743064.29 | 0.00021 | 0.00024 | 0.00027 | 0.00031 | 0.00036 | 0.00044 | 0.00057 | 0.00084 | 0.00190 |
| 3743014.29 | 0.00022 | 0.00025 | 0.00028 | 0.00031 | 0.00037 | 0.00044 | 0.00057 | 0.00084 | 0.00190 |
| 3742964.29 | 0.00023 | 0.00026 | 0.00029 | 0.00032 | 0.00038 | 0.00045 | 0.00058 | 0.00084 | 0.00190 |
| 3742914.29 | 0.00025 | 0.00027 | 0.00030 | 0.00034 | 0.00039 | 0.00046 | 0.00059 | 0.00085 | 0.00191 |
| 3742864.29 | 0.00026 | 0.00029 | 0.00032 | 0.00035 | 0.00040 | 0.00047 | 0.00059 | 0.00086 | 0.00191 |
| 3742814.29 | 0.00029 | 0.00032 | 0.00034 | 0.00038 | 0.00043 | 0.00049 | 0.00061 | 0.00087 | 0.00192 |
| 3742764.29 | 0.00033 | 0.00036 | 0.00039 | 0.00042 | 0.00046 | 0.00053 | 0.00064 | 0.00088 | 0.00193 |
| 3742714.29 | 0.00041 | 0.00043 | 0.00046 | 0.00049 | 0.00053 | 0.00058 | 0.00068 | 0.00092 | 0.00195 |
| 3742664.29 | 0.00055 | 0.00058 | 0.00060 | 0.00063 | 0.00066 | 0.00070 | 0.00078 | 0.00099 | 0.00198 |
| 3742614.29 | 0.00095 | 0.00097 | 0.00098 | 0.00099 | 0.00100 | 0.00102 | 0.00107 | 0.00121 | 0.00208 |
| 3742564.29 | 0.00236 | 0.00180 | 0.00231 | 0.00225 | 0.00220 | 0.00275 | 0.00261 | 0.00311 | 0.00325 |
| 3742514.29 | 0.00105 | 0.00111 | 0.00116 | 0.00121 | 0.00125 | 0.00130 | 0.00134 | 0.00138 | 0.00133 |
| 3742464.29 | 0.00058 | 0.00062 | 0.00065 | 0.00067 | 0.00069 | 0.00071 | 0.00072 | 0.00071 | 0.00067 |
| 3742414.29 | 0.00040 | 0.00043 | 0.00045 | 0.00047 | 0.00048 | 0.00049 | 0.00049 | 0.00049 | 0.00046 |
| 3742364.29 | 0.00031 | 0.00033 | 0.00035 | 0.00036 | 0.00037 | 0.00037 | 0.00037 | 0.00037 | 0.00036 |
| 3742314.29 | 0.00025 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00030 | 0.00029 |
| 3742264.29 | 0.00021 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00018 | 0.00019 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 |
| 3742164.29 | 0.00016 | 0.00017 | 0.00017 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3742114.29 | 0.00014 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3742064.29 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 |
| 3742014.29 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 3741964.29 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |

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*** AERMOD - VERSION 19191 ***    *** First Industrial Warehouse at Rider and Redlands    ***    07/28/20
*** AERMET - VERSION 16216 ***    *** Project Only DPM Concentrations (2022) AB2 - Mitigated ***    13:57:21
                                                                                                     ***    PAGE 44

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . .

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 |
| 3743764.29 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 |
| 3743714.29 | 0.00021 | 0.00022 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00026 |
| 3743664.29 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 |
| 3743614.29 | 0.00027 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00032 | 0.00033 | 0.00033 | 0.00033 |
| 3743564.29 | 0.00033 | 0.00035 | 0.00036 | 0.00037 | 0.00038 | 0.00038 | 0.00039 | 0.00039 | 0.00039 |
| 3743514.29 | 0.00041 | 0.00044 | 0.00046 | 0.00047 | 0.00048 | 0.00048 | 0.00048 | 0.00048 | 0.00048 |
| 3743464.29 | 0.00057 | 0.00062 | 0.00064 | 0.00065 | 0.00065 | 0.00065 | 0.00064 | 0.00064 | 0.00064 |
| 3743414.29 | 0.00100 | 0.00107 | 0.00108 | 0.00107 | 0.00106 | 0.00105 | 0.00104 | 0.00103 | 0.00102 |
| 3743364.29 | 0.00263 | 0.00250 | 0.00248 | 0.00250 | 0.00193 | 0.00243 | 0.00235 | 0.00231 | 0.00230 |
| 3743314.29 | 0.00217 | 0.00144 | 0.00134 | 0.00131 | 0.00130 | 0.00130 | 0.00130 | 0.00132 | 0.00133 |
| 3743264.29 | 0.00201 | 0.00108 | 0.00090 | 0.00084 | 0.00081 | 0.00079 | 0.00078 | 0.00078 | 0.00078 |
| 3743214.29 | 0.00195 | 0.00098 | 0.00076 | 0.00068 | 0.00063 | 0.00061 | 0.00060 | 0.00059 | 0.00059 |
| 3743164.29 | 0.00193 | 0.00094 | 0.00070 | 0.00060 | 0.00055 | 0.00052 | 0.00050 | 0.00049 | 0.00049 |
| 3743114.29 | 0.00194 | 0.00092 | 0.00067 | 0.00056 | 0.00050 | 0.00047 | 0.00045 | 0.00043 | 0.00042 |
| 3743064.29 | 0.00193 | 0.00091 | 0.00065 | 0.00053 | 0.00047 | 0.00043 | 0.00041 | 0.00039 | 0.00039 |
| 3743014.29 | 0.00192 | 0.00090 | 0.00063 | 0.00052 | 0.00045 | 0.00041 | 0.00038 | 0.00037 | 0.00036 |
| 3742964.29 | 0.00191 | 0.00089 | 0.00063 | 0.00050 | 0.00043 | 0.00039 | 0.00037 | 0.00035 | 0.00033 |
| 3742914.29 | 0.00191 | 0.00089 | 0.00062 | 0.00049 | 0.00042 | 0.00038 | 0.00035 | 0.00033 | 0.00032 |
| 3742864.29 | 0.00191 | 0.00088 | 0.00061 | 0.00049 | 0.00041 | 0.00037 | 0.00034 | 0.00031 | 0.00030 |
| 3742814.29 | 0.00191 | 0.00088 | 0.00061 | 0.00048 | 0.00040 | 0.00036 | 0.00032 | 0.00030 | 0.00029 |
| 3742764.29 | 0.00188 | 0.00087 | 0.00060 | 0.00047 | 0.00039 | 0.00034 | 0.00031 | 0.00029 | 0.00027 |
| 3742714.29 | 0.00187 | 0.00086 | 0.00059 | 0.00046 | 0.00038 | 0.00033 | 0.00030 | 0.00028 | 0.00026 |
| 3742664.29 | 0.00188 | 0.00085 | 0.00057 | 0.00044 | 0.00037 | 0.00032 | 0.00029 | 0.00027 | 0.00025 |
| 3742614.29 | 0.00187 | 0.00081 | 0.00054 | 0.00042 | 0.00035 | 0.00031 | 0.00028 | 0.00026 | 0.00024 |
| 3742564.29 | 0.00165 | 0.00073 | 0.00050 | 0.00039 | 0.00033 | 0.00029 | 0.00026 | 0.00024 | 0.00023 |
| 3742514.29 | 0.00093 | 0.00059 | 0.00044 | 0.00036 | 0.00031 | 0.00027 | 0.00025 | 0.00023 | 0.00022 |
| 3742464.29 | 0.00058 | 0.00047 | 0.00038 | 0.00032 | 0.00028 | 0.00026 | 0.00024 | 0.00022 | 0.00021 |
| 3742414.29 | 0.00043 | 0.00038 | 0.00033 | 0.00029 | 0.00026 | 0.00024 | 0.00022 | 0.00021 | 0.00020 |
| 3742364.29 | 0.00034 | 0.00032 | 0.00029 | 0.00026 | 0.00024 | 0.00022 | 0.00021 | 0.00020 | 0.00019 |
| 3742314.29 | 0.00028 | 0.00027 | 0.00025 | 0.00024 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00018 |
| 3742264.29 | 0.00024 | 0.00024 | 0.00023 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00018 | 0.00017 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00021 | 0.00021 | 0.00020 | 0.00019 | 0.00019 | 0.00018 | 0.00017 | 0.00017 | 0.00016 |
| 3742164.29 | 0.00019 | 0.00019 | 0.00018 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00015 |
| 3742114.29 | 0.00017 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00015 |
| 3742064.29 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00014 |
| 3742014.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00013 | 0.00013 |
| 3741964.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00012 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
 *** PAGE 45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
 L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
 L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
 L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | X-COORD (METERS) | | | | | | 479149.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|---------|-----------|
| | | | | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | | |
| 3743814.29 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | 0.00024 | 0.00024 |
| 3743764.29 | 0.00023 | 0.00023 | 0.00024 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00026 |
| 3743714.29 | 0.00026 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 |
| 3743664.29 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00031 | 0.00031 | 0.00031 | 0.00032 | 0.00032 |
| 3743614.29 | 0.00033 | 0.00034 | 0.00034 | 0.00034 | 0.00035 | 0.00035 | 0.00035 | 0.00036 | 0.00036 | 0.00036 |
| 3743564.29 | 0.00039 | 0.00040 | 0.00040 | 0.00040 | 0.00041 | 0.00041 | 0.00041 | 0.00041 | 0.00042 | 0.00042 |
| 3743514.29 | 0.00048 | 0.00049 | 0.00049 | 0.00049 | 0.00049 | 0.00049 | 0.00050 | 0.00050 | 0.00050 | 0.00050 |
| 3743464.29 | 0.00064 | 0.00064 | 0.00064 | 0.00064 | 0.00064 | 0.00064 | 0.00064 | 0.00065 | 0.00065 | 0.00065 |
| 3743414.29 | 0.00101 | 0.00101 | 0.00100 | 0.00099 | 0.00099 | 0.00098 | 0.00098 | 0.00098 | 0.00098 | 0.00098 |
| 3743364.29 | 0.00284 | 0.00277 | 0.00272 | 0.00325 | 0.00313 | 0.00303 | 0.00293 | 0.00284 | 0.00277 | 0.00277 |
| 3743314.29 | 0.00135 | 0.00137 | 0.00139 | 0.00140 | 0.00142 | 0.00145 | 0.00147 | 0.00149 | 0.00152 | 0.00152 |
| 3743264.29 | 0.00078 | 0.00079 | 0.00080 | 0.00080 | 0.00081 | 0.00082 | 0.00082 | 0.00083 | 0.00085 | 0.00085 |
| 3743214.29 | 0.00058 | 0.00059 | 0.00059 | 0.00059 | 0.00060 | 0.00060 | 0.00061 | 0.00062 | 0.00063 | 0.00063 |
| 3743164.29 | 0.00048 | 0.00048 | 0.00049 | 0.00049 | 0.00049 | 0.00049 | 0.00050 | 0.00051 | 0.00051 | 0.00051 |
| 3743114.29 | 0.00042 | 0.00042 | 0.00042 | 0.00042 | 0.00042 | 0.00043 | 0.00043 | 0.00044 | 0.00044 | 0.00044 |
| 3743064.29 | 0.00038 | 0.00038 | 0.00037 | 0.00037 | 0.00038 | 0.00038 | 0.00038 | 0.00039 | 0.00040 | 0.00040 |
| 3743014.29 | 0.00035 | 0.00034 | 0.00034 | 0.00034 | 0.00034 | 0.00034 | 0.00035 | 0.00035 | 0.00036 | 0.00036 |
| 3742964.29 | 0.00033 | 0.00032 | 0.00032 | 0.00032 | 0.00032 | 0.00032 | 0.00032 | 0.00033 | 0.00033 | 0.00033 |
| 3742914.29 | 0.00031 | 0.00030 | 0.00030 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00031 | 0.00031 |
| 3742864.29 | 0.00029 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00028 | 0.00029 | 0.00029 |
| 3742814.29 | 0.00028 | 0.00027 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00027 |
| 3742764.29 | 0.00026 | 0.00026 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00026 | 0.00026 |
| 3742714.29 | 0.00025 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00024 | 0.00024 |
| 3742664.29 | 0.00024 | 0.00023 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 | 0.00023 |
| 3742614.29 | 0.00023 | 0.00022 | 0.00022 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 |
| 3742564.29 | 0.00022 | 0.00021 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 |
| 3742514.29 | 0.00021 | 0.00020 | 0.00020 | 0.00020 | 0.00020 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00020 |
| 3742464.29 | 0.00020 | 0.00020 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3742414.29 | 0.00019 | 0.00019 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 3742364.29 | 0.00018 | 0.00018 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3742314.29 | 0.00017 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |
| 3742264.29 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 |

| | | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00016 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 |
| 3742164.29 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 3742114.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 3742064.29 | 0.00014 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |
| 3742014.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |
| 3741964.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |

*** AERMOD - VERSION 19191 *** ** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** ** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
PAGE 46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|
| 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 | | |
| 3743814.29 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 |
| 3743764.29 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00031 | 0.00031 |
| 3743714.29 | 0.00029 | 0.00029 | 0.00030 | 0.00031 | 0.00031 | 0.00032 | 0.00033 | 0.00033 | 0.00034 | 0.00034 |
| 3743664.29 | 0.00032 | 0.00033 | 0.00033 | 0.00034 | 0.00035 | 0.00036 | 0.00036 | 0.00037 | 0.00038 | 0.00038 |
| 3743614.29 | 0.00037 | 0.00037 | 0.00038 | 0.00039 | 0.00039 | 0.00040 | 0.00041 | 0.00043 | 0.00044 | 0.00044 |
| 3743564.29 | 0.00042 | 0.00043 | 0.00044 | 0.00045 | 0.00045 | 0.00047 | 0.00048 | 0.00049 | 0.00051 | 0.00051 |
| 3743514.29 | 0.00051 | 0.00052 | 0.00052 | 0.00053 | 0.00054 | 0.00055 | 0.00057 | 0.00059 | 0.00061 | 0.00061 |
| 3743464.29 | 0.00065 | 0.00066 | 0.00067 | 0.00067 | 0.00069 | 0.00070 | 0.00072 | 0.00074 | 0.00076 | 0.00076 |
| 3743414.29 | 0.00098 | 0.00098 | 0.00098 | 0.00099 | 0.00099 | 0.00101 | 0.00102 | 0.00104 | 0.00107 | 0.00107 |
| 3743364.29 | 0.00269 | 0.00262 | 0.00255 | 0.00250 | 0.00246 | 0.00242 | 0.00239 | 0.00236 | 0.00235 | 0.00235 |
| 3743314.29 | 0.00155 | 0.00158 | 0.00161 | 0.00165 | 0.00170 | 0.00174 | 0.00180 | 0.00186 | 0.00193 | 0.00193 |
| 3743264.29 | 0.00086 | 0.00088 | 0.00089 | 0.00091 | 0.00094 | 0.00097 | 0.00101 | 0.00105 | 0.00112 | 0.00112 |
| 3743214.29 | 0.00064 | 0.00065 | 0.00067 | 0.00069 | 0.00071 | 0.00074 | 0.00078 | 0.00082 | 0.00089 | 0.00089 |
| 3743164.29 | 0.00052 | 0.00054 | 0.00055 | 0.00057 | 0.00059 | 0.00062 | 0.00066 | 0.00071 | 0.00078 | 0.00078 |
| 3743114.29 | 0.00045 | 0.00047 | 0.00048 | 0.00050 | 0.00052 | 0.00055 | 0.00059 | 0.00064 | 0.00071 | 0.00071 |
| 3743064.29 | 0.00041 | 0.00042 | 0.00043 | 0.00045 | 0.00047 | 0.00050 | 0.00054 | 0.00059 | 0.00065 | 0.00065 |
| 3743014.29 | 0.00037 | 0.00038 | 0.00039 | 0.00041 | 0.00043 | 0.00046 | 0.00049 | 0.00054 | 0.00060 | 0.00060 |
| 3742964.29 | 0.00034 | 0.00035 | 0.00036 | 0.00038 | 0.00040 | 0.00043 | 0.00046 | 0.00050 | 0.00056 | 0.00056 |
| 3742914.29 | 0.00032 | 0.00033 | 0.00034 | 0.00035 | 0.00037 | 0.00040 | 0.00043 | 0.00046 | 0.00051 | 0.00051 |
| 3742864.29 | 0.00030 | 0.00031 | 0.00032 | 0.00033 | 0.00035 | 0.00037 | 0.00039 | 0.00043 | 0.00047 | 0.00047 |
| 3742814.29 | 0.00028 | 0.00029 | 0.00030 | 0.00031 | 0.00033 | 0.00034 | 0.00037 | 0.00039 | 0.00043 | 0.00043 |
| 3742764.29 | 0.00026 | 0.00027 | 0.00028 | 0.00029 | 0.00030 | 0.00032 | 0.00034 | 0.00036 | 0.00039 | 0.00039 |
| 3742714.29 | 0.00025 | 0.00026 | 0.00026 | 0.00027 | 0.00028 | 0.00030 | 0.00031 | 0.00033 | 0.00035 | 0.00035 |
| 3742664.29 | 0.00024 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00029 | 0.00031 | 0.00032 | 0.00032 |
| 3742614.29 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00030 | 0.00030 |
| 3742564.29 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00027 |
| 3742514.29 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00023 | 0.00023 | 0.00024 | 0.00025 | 0.00025 |
| 3742464.29 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00023 | 0.00023 |
| 3742414.29 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 |
| 3742364.29 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00020 | 0.00020 |
| 3742314.29 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 |
| 3742264.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |
| 3742164.29 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 |
| 3742114.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 3742064.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00014 | 0.00014 |
| 3742014.29 | 0.00012 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |
| 3741964.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
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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): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
| 3743814.29 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00030 | 0.00030 | 0.00030 | 0.00029 | 0.00029 |
| 3743764.29 | 0.00031 | 0.00032 | 0.00033 | 0.00033 | 0.00033 | 0.00034 | 0.00033 | 0.00033 | 0.00032 |
| 3743714.29 | 0.00035 | 0.00036 | 0.00037 | 0.00037 | 0.00038 | 0.00038 | 0.00038 | 0.00038 | 0.00037 |
| 3743664.29 | 0.00040 | 0.00041 | 0.00042 | 0.00043 | 0.00043 | 0.00044 | 0.00044 | 0.00043 | 0.00042 |
| 3743614.29 | 0.00045 | 0.00047 | 0.00048 | 0.00050 | 0.00051 | 0.00051 | 0.00052 | 0.00051 | 0.00050 |
| 3743564.29 | 0.00053 | 0.00055 | 0.00057 | 0.00059 | 0.00060 | 0.00061 | 0.00062 | 0.00061 | 0.00060 |
| 3743514.29 | 0.00063 | 0.00066 | 0.00068 | 0.00071 | 0.00074 | 0.00075 | 0.00076 | 0.00076 | 0.00074 |
| 3743464.29 | 0.00079 | 0.00083 | 0.00087 | 0.00091 | 0.00094 | 0.00096 | 0.00097 | 0.00097 | 0.00095 |
| 3743414.29 | 0.00110 | 0.00115 | 0.00121 | 0.00127 | 0.00133 | 0.00132 | 0.00129 | 0.00130 | 0.00131 |
| 3743364.29 | 0.00236 | 0.00238 | 0.00243 | 0.00252 | 0.00264 | 0.00232 | 0.00180 | 0.00185 | 0.00208 |
| 3743314.29 | 0.00203 | 0.00215 | 0.00232 | 0.00259 | 0.00324 | 0.00560 | 0.00248 | 0.00277 | 0.00430 |
| 3743264.29 | 0.00120 | 0.00132 | 0.00151 | 0.00185 | 0.00281 | 0.00608 | 0.00314 | 0.00426 | 0.01221 |
| 3743214.29 | 0.00098 | 0.00111 | 0.00133 | 0.00174 | 0.00283 | 0.00629 | 0.00366 | 0.00577 | 0.01708 |
| 3743164.29 | 0.00087 | 0.00102 | 0.00125 | 0.00170 | 0.00286 | 0.00641 | 0.00394 | 0.00639 | 0.01852 |
| 3743114.29 | 0.00080 | 0.00095 | 0.00119 | 0.00165 | 0.00285 | 0.00646 | 0.00401 | 0.00628 | 0.01848 |
| 3743064.29 | 0.00075 | 0.00089 | 0.00112 | 0.00156 | 0.00278 | 0.00660 | 0.00432 | 0.00572 | 0.01125 |
| 3743014.29 | 0.00069 | 0.00082 | 0.00102 | 0.00140 | 0.00241 | 0.00714 | 0.00676 | 0.00736 | 0.00851 |
| 3742964.29 | 0.00063 | 0.00074 | 0.00090 | 0.00117 | 0.00167 | 0.00257 | 0.00326 | 0.00353 | 0.00355 |
| 3742914.29 | 0.00057 | 0.00066 | 0.00078 | 0.00095 | 0.00119 | 0.00150 | 0.00177 | 0.00192 | 0.00193 |
| 3742864.29 | 0.00052 | 0.00058 | 0.00067 | 0.00078 | 0.00091 | 0.00106 | 0.00119 | 0.00127 | 0.00129 |
| 3742814.29 | 0.00047 | 0.00052 | 0.00057 | 0.00064 | 0.00072 | 0.00081 | 0.00088 | 0.00093 | 0.00095 |
| 3742764.29 | 0.00042 | 0.00046 | 0.00050 | 0.00054 | 0.00059 | 0.00064 | 0.00069 | 0.00072 | 0.00073 |
| 3742714.29 | 0.00038 | 0.00040 | 0.00043 | 0.00047 | 0.00050 | 0.00053 | 0.00056 | 0.00058 | 0.00059 |
| 3742664.29 | 0.00034 | 0.00036 | 0.00038 | 0.00041 | 0.00043 | 0.00045 | 0.00047 | 0.00049 | 0.00049 |
| 3742614.29 | 0.00031 | 0.00033 | 0.00034 | 0.00036 | 0.00037 | 0.00039 | 0.00040 | 0.00041 | 0.00042 |
| 3742564.29 | 0.00028 | 0.00029 | 0.00031 | 0.00032 | 0.00033 | 0.00034 | 0.00035 | 0.00036 | 0.00036 |
| 3742514.29 | 0.00026 | 0.00027 | 0.00028 | 0.00029 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00032 |
| 3742464.29 | 0.00024 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00027 | 0.00028 | 0.00028 | 0.00028 |
| 3742414.29 | 0.00022 | 0.00022 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00026 |
| 3742364.29 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00023 | 0.00023 | 0.00023 |
| 3742314.29 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00021 |
| 3742264.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 | 0.00018 |
| 3742164.29 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00017 |
| 3742114.29 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 |
| 3742064.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 |
| 3742014.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00014 | 0.00014 |
| 3741964.29 | 0.00012 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
PAGE 48

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00028 | 0.00027 | 0.00026 | 0.00025 | 0.00023 | 0.00022 | 0.00021 | 0.00020 | 0.00018 |
| 3743764.29 | 0.00031 | 0.00030 | 0.00029 | 0.00027 | 0.00026 | 0.00024 | 0.00023 | 0.00021 | 0.00020 |
| 3743714.29 | 0.00035 | 0.00034 | 0.00032 | 0.00030 | 0.00028 | 0.00027 | 0.00025 | 0.00023 | 0.00021 |
| 3743664.29 | 0.00041 | 0.00039 | 0.00036 | 0.00034 | 0.00032 | 0.00029 | 0.00027 | 0.00025 | 0.00023 |
| 3743614.29 | 0.00048 | 0.00045 | 0.00042 | 0.00039 | 0.00036 | 0.00032 | 0.00030 | 0.00027 | 0.00025 |
| 3743564.29 | 0.00057 | 0.00053 | 0.00049 | 0.00044 | 0.00040 | 0.00036 | 0.00033 | 0.00029 | 0.00027 |
| 3743514.29 | 0.00070 | 0.00064 | 0.00058 | 0.00052 | 0.00046 | 0.00040 | 0.00036 | 0.00032 | 0.00029 |
| 3743464.29 | 0.00090 | 0.00081 | 0.00070 | 0.00061 | 0.00052 | 0.00045 | 0.00039 | 0.00035 | 0.00031 |
| 3743414.29 | 0.00123 | 0.00106 | 0.00088 | 0.00072 | 0.00060 | 0.00051 | 0.00043 | 0.00037 | 0.00033 |
| 3743364.29 | 0.00198 | 0.00147 | 0.00111 | 0.00086 | 0.00069 | 0.00057 | 0.00047 | 0.00040 | 0.00035 |
| 3743314.29 | 0.00464 | 0.00213 | 0.00140 | 0.00102 | 0.00078 | 0.00062 | 0.00051 | 0.00043 | 0.00036 |
| 3743264.29 | 0.00750 | 0.00290 | 0.00171 | 0.00117 | 0.00086 | 0.00067 | 0.00054 | 0.00045 | 0.00038 |
| 3743214.29 | 0.00967 | 0.00354 | 0.00197 | 0.00129 | 0.00093 | 0.00071 | 0.00056 | 0.00046 | 0.00039 |
| 3743164.29 | 0.01036 | 0.00386 | 0.00210 | 0.00135 | 0.00096 | 0.00073 | 0.00057 | 0.00047 | 0.00039 |
| 3743114.29 | 0.00993 | 0.00379 | 0.00209 | 0.00135 | 0.00096 | 0.00073 | 0.00057 | 0.00047 | 0.00039 |
| 3743064.29 | 0.00819 | 0.00335 | 0.00194 | 0.00129 | 0.00093 | 0.00071 | 0.00056 | 0.00046 | 0.00039 |
| 3743014.29 | 0.00565 | 0.00268 | 0.00170 | 0.00118 | 0.00088 | 0.00068 | 0.00054 | 0.00045 | 0.00038 |
| 3742964.29 | 0.00288 | 0.00199 | 0.00142 | 0.00105 | 0.00080 | 0.00064 | 0.00052 | 0.00043 | 0.00037 |
| 3742914.29 | 0.00176 | 0.00146 | 0.00115 | 0.00091 | 0.00073 | 0.00059 | 0.00049 | 0.00041 | 0.00035 |
| 3742864.29 | 0.00123 | 0.00110 | 0.00094 | 0.00078 | 0.00065 | 0.00054 | 0.00046 | 0.00039 | 0.00034 |
| 3742814.29 | 0.00092 | 0.00086 | 0.00077 | 0.00067 | 0.00058 | 0.00049 | 0.00042 | 0.00037 | 0.00032 |
| 3742764.29 | 0.00072 | 0.00069 | 0.00064 | 0.00058 | 0.00051 | 0.00045 | 0.00039 | 0.00034 | 0.00030 |
| 3742714.29 | 0.00059 | 0.00057 | 0.00054 | 0.00050 | 0.00045 | 0.00041 | 0.00036 | 0.00032 | 0.00029 |
| 3742664.29 | 0.00049 | 0.00048 | 0.00046 | 0.00044 | 0.00040 | 0.00037 | 0.00033 | 0.00030 | 0.00027 |
| 3742614.29 | 0.00042 | 0.00041 | 0.00040 | 0.00038 | 0.00036 | 0.00033 | 0.00031 | 0.00028 | 0.00025 |
| 3742564.29 | 0.00036 | 0.00036 | 0.00035 | 0.00034 | 0.00032 | 0.00030 | 0.00028 | 0.00026 | 0.00024 |
| 3742514.29 | 0.00032 | 0.00032 | 0.00031 | 0.00030 | 0.00029 | 0.00028 | 0.00026 | 0.00024 | 0.00022 |
| 3742464.29 | 0.00028 | 0.00028 | 0.00028 | 0.00027 | 0.00026 | 0.00025 | 0.00024 | 0.00022 | 0.00021 |
| 3742414.29 | 0.00026 | 0.00025 | 0.00025 | 0.00025 | 0.00024 | 0.00023 | 0.00022 | 0.00021 | 0.00020 |
| 3742364.29 | 0.00023 | 0.00023 | 0.00023 | 0.00022 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00019 |
| 3742314.29 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00019 | 0.00018 | 0.00017 |
| 3742264.29 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00018 | 0.00018 | 0.00017 | 0.00016 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00015 |
| 3742164.29 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00016 | 0.00015 | 0.00015 | 0.00014 |
| 3742114.29 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00014 |
| 3742064.29 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00013 | 0.00013 |
| 3742014.29 | 0.00014 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00012 |
| 3741964.29 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |

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*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/28/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated *** 13:57:21
                                                                    PAGE 49

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*** MODELOPTs:  RegDFault  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
          INCLUDING SOURCE(S):  L0002142 , L0002143 , L0002144 , L0002145 , L0002146 ,
L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 ,
L0002155 , L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 ,
L0002163 , L0002164 , L0002165 , L0002166 , L0002167 , L0002168 , L0002169 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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** CONC OF DPM      IN MICROGRAMS/M**3      **

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| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00011 |
| 3743764.29 | 0.00019 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00012 | 0.00011 |
| 3743714.29 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00011 |
| 3743664.29 | 0.00021 | 0.00019 | 0.00018 | 0.00017 | 0.00015 | 0.00014 | 0.00013 | 0.00013 | 0.00012 |
| 3743614.29 | 0.00023 | 0.00021 | 0.00019 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 |
| 3743564.29 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00014 | 0.00013 | 0.00012 |
| 3743514.29 | 0.00026 | 0.00023 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 | 0.00014 | 0.00013 |
| 3743464.29 | 0.00027 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 | 0.00013 |
| 3743414.29 | 0.00029 | 0.00026 | 0.00023 | 0.00021 | 0.00019 | 0.00017 | 0.00016 | 0.00014 | 0.00013 |
| 3743364.29 | 0.00030 | 0.00027 | 0.00024 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 | 0.00014 |
| 3743314.29 | 0.00031 | 0.00028 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00016 | 0.00015 | 0.00014 |
| 3743264.29 | 0.00032 | 0.00028 | 0.00025 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 |
| 3743214.29 | 0.00033 | 0.00029 | 0.00025 | 0.00023 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 |
| 3743164.29 | 0.00034 | 0.00029 | 0.00026 | 0.00023 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 |
| 3743114.29 | 0.00034 | 0.00029 | 0.00026 | 0.00023 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 |
| 3743064.29 | 0.00033 | 0.00029 | 0.00025 | 0.00023 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 |
| 3743014.29 | 0.00033 | 0.00028 | 0.00025 | 0.00022 | 0.00020 | 0.00018 | 0.00016 | 0.00015 | 0.00014 |
| 3742964.29 | 0.00032 | 0.00028 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00016 | 0.00015 | 0.00014 |
| 3742914.29 | 0.00031 | 0.00027 | 0.00024 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 | 0.00014 |
| 3742864.29 | 0.00029 | 0.00026 | 0.00023 | 0.00021 | 0.00019 | 0.00017 | 0.00016 | 0.00014 | 0.00013 |
| 3742814.29 | 0.00028 | 0.00025 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 | 0.00013 |
| 3742764.29 | 0.00027 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00016 | 0.00015 | 0.00014 | 0.00013 |
| 3742714.29 | 0.00026 | 0.00023 | 0.00021 | 0.00019 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 |
| 3742664.29 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00015 | 0.00014 | 0.00013 | 0.00012 |
| 3742614.29 | 0.00023 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 |
| 3742564.29 | 0.00022 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00013 | 0.00013 | 0.00012 |
| 3742514.29 | 0.00021 | 0.00019 | 0.00018 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00011 |
| 3742464.29 | 0.00020 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00011 |
| 3742414.29 | 0.00019 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00012 | 0.00011 |
| 3742364.29 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00011 |
| 3742314.29 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00012 | 0.00011 | 0.00010 |
| 3742264.29 | 0.00016 | 0.00015 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00011 | 0.00011 | 0.00010 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00015 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00010 |
| 3742164.29 | 0.00014 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00010 |
| 3742114.29 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00009 |
| 3742064.29 | 0.00013 | 0.00012 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00009 |
| 3742014.29 | 0.00012 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00010 | 0.00009 | 0.00009 |
| 3741964.29 | 0.00011 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00010 | 0.00009 | 0.00009 | 0.00008 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
 *** 13:57:21
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

** CONC OF DPM IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | NETWORK GRID-ID |
|----------|-----------------------|---|---------|-----------------|
| ALL | 1ST HIGHEST VALUE IS | 0.01852 AT (480049.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 2ND HIGHEST VALUE IS | 0.01848 AT (480049.08, 3743114.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 3RD HIGHEST VALUE IS | 0.01708 AT (480049.08, 3743214.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 4TH HIGHEST VALUE IS | 0.01459 AT (480088.70, 3743172.03, 439.00, 439.00, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 0.01409 AT (480088.70, 3743120.51, 439.00, 439.00, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 0.01401 AT (480088.70, 3743211.58, 439.00, 439.00, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.01221 AT (480049.08, 3743264.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 8TH HIGHEST VALUE IS | 0.01141 AT (480089.36, 3743069.92, 439.00, 439.00, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 0.01125 AT (480049.08, 3743064.29, 439.00, 439.00, 0.00) | GC | UCART1 |
| | 10TH HIGHEST VALUE IS | 0.01036 AT (480099.08, 3743164.29, 439.00, 439.00, 0.00) | GC | UCART1 |

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB2 - Mitigated

*** 07/28/20
*** 13:57:21
*** PAGE 52

*** MODELOPTs: RegDEFAULT 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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 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 ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 7/29/2020
** File: C:\Users\eliza\Desktop\FIR Redlands\ProjectAB3Mit\ProjectAB3Mit.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE First Industrial Warehouse at Rider and Redlands
  TITLETWO Project Only DPM Concentrations (2022) AB3 - Mitigated
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL ProjectAB3Mit.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 Redlands Ave b/n South Project Driveway and Rider St
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.235E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479888.795, 3743008.989, 439.00, 3.49, 4.00
** 479889.111, 3743340.543, 439.08, 3.49, 4.00
** -----
  LOCATION L0002629      VOLUME 479888.799 3743013.284 439.00

```

| LOCATION | VOLUME | | | |
|----------|------------|-------------|--------|--|
| L0002630 | 479888.807 | 3743021.874 | 439.00 | |
| L0002631 | 479888.816 | 3743030.464 | 439.00 | |
| L0002632 | 479888.824 | 3743039.054 | 439.00 | |
| L0002633 | 479888.832 | 3743047.644 | 439.00 | |
| L0002634 | 479888.840 | 3743056.234 | 439.00 | |
| L0002635 | 479888.848 | 3743064.824 | 439.00 | |
| L0002636 | 479888.857 | 3743073.414 | 439.00 | |
| L0002637 | 479888.865 | 3743082.004 | 439.00 | |
| L0002638 | 479888.873 | 3743090.594 | 439.00 | |
| L0002639 | 479888.881 | 3743099.184 | 439.00 | |
| L0002640 | 479888.889 | 3743107.774 | 439.00 | |
| L0002641 | 479888.898 | 3743116.364 | 439.00 | |
| L0002642 | 479888.906 | 3743124.954 | 439.01 | |
| L0002643 | 479888.914 | 3743133.544 | 439.02 | |
| L0002644 | 479888.922 | 3743142.134 | 439.03 | |
| L0002645 | 479888.930 | 3743150.724 | 439.03 | |
| L0002646 | 479888.939 | 3743159.314 | 439.03 | |
| L0002647 | 479888.947 | 3743167.904 | 439.03 | |
| L0002648 | 479888.955 | 3743176.494 | 439.03 | |
| L0002649 | 479888.963 | 3743185.084 | 439.03 | |
| L0002650 | 479888.971 | 3743193.674 | 439.03 | |
| L0002651 | 479888.980 | 3743202.264 | 439.03 | |
| L0002652 | 479888.988 | 3743210.854 | 439.03 | |
| L0002653 | 479888.996 | 3743219.444 | 439.03 | |
| L0002654 | 479889.004 | 3743228.034 | 439.03 | |
| L0002655 | 479889.012 | 3743236.624 | 439.03 | |
| L0002656 | 479889.020 | 3743245.214 | 439.03 | |
| L0002657 | 479889.029 | 3743253.804 | 439.03 | |
| L0002658 | 479889.037 | 3743262.394 | 439.03 | |
| L0002659 | 479889.045 | 3743270.984 | 439.03 | |
| L0002660 | 479889.053 | 3743279.574 | 439.03 | |
| L0002661 | 479889.061 | 3743288.164 | 439.03 | |
| L0002662 | 479889.070 | 3743296.754 | 439.03 | |
| L0002663 | 479889.078 | 3743305.344 | 439.03 | |
| L0002664 | 479889.086 | 3743313.934 | 439.03 | |
| L0002665 | 479889.094 | 3743322.524 | 439.03 | |
| L0002666 | 479889.102 | 3743331.114 | 439.03 | |
| L0002667 | 479889.111 | 3743339.704 | 439.03 | |

```

** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Rider St b/n Redlands Ave and Indian Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001951
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 479877.508, 3743340.588, 439.62, 3.49, 4.00

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** 478273.056, 3743363.748, 447.00, 3.49, 4.00

**

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002668 | VOLUME | 479873.213 | 3743340.650 | 439.56 |
| LOCATION | L0002669 | VOLUME | 479864.624 | 3743340.774 | 439.84 |
| LOCATION | L0002670 | VOLUME | 479856.035 | 3743340.898 | 440.00 |
| LOCATION | L0002671 | VOLUME | 479847.446 | 3743341.022 | 440.00 |
| LOCATION | L0002672 | VOLUME | 479838.857 | 3743341.146 | 440.00 |
| LOCATION | L0002673 | VOLUME | 479830.267 | 3743341.270 | 440.00 |
| LOCATION | L0002674 | VOLUME | 479821.678 | 3743341.394 | 440.00 |
| LOCATION | L0002675 | VOLUME | 479813.089 | 3743341.518 | 440.00 |
| LOCATION | L0002676 | VOLUME | 479804.500 | 3743341.642 | 440.00 |
| LOCATION | L0002677 | VOLUME | 479795.911 | 3743341.766 | 440.00 |
| LOCATION | L0002678 | VOLUME | 479787.322 | 3743341.890 | 440.00 |
| LOCATION | L0002679 | VOLUME | 479778.733 | 3743342.014 | 440.00 |
| LOCATION | L0002680 | VOLUME | 479770.144 | 3743342.138 | 440.00 |
| LOCATION | L0002681 | VOLUME | 479761.555 | 3743342.262 | 440.00 |
| LOCATION | L0002682 | VOLUME | 479752.965 | 3743342.386 | 440.00 |
| LOCATION | L0002683 | VOLUME | 479744.376 | 3743342.510 | 440.00 |
| LOCATION | L0002684 | VOLUME | 479735.787 | 3743342.634 | 440.00 |
| LOCATION | L0002685 | VOLUME | 479727.198 | 3743342.758 | 440.00 |
| LOCATION | L0002686 | VOLUME | 479718.609 | 3743342.882 | 440.00 |
| LOCATION | L0002687 | VOLUME | 479710.020 | 3743343.006 | 440.00 |
| LOCATION | L0002688 | VOLUME | 479701.431 | 3743343.130 | 440.00 |
| LOCATION | L0002689 | VOLUME | 479692.842 | 3743343.254 | 440.00 |
| LOCATION | L0002690 | VOLUME | 479684.253 | 3743343.378 | 440.00 |
| LOCATION | L0002691 | VOLUME | 479675.664 | 3743343.502 | 440.00 |
| LOCATION | L0002692 | VOLUME | 479667.074 | 3743343.626 | 440.00 |
| LOCATION | L0002693 | VOLUME | 479658.485 | 3743343.750 | 440.00 |
| LOCATION | L0002694 | VOLUME | 479649.896 | 3743343.874 | 440.00 |
| LOCATION | L0002695 | VOLUME | 479641.307 | 3743343.998 | 440.00 |
| LOCATION | L0002696 | VOLUME | 479632.718 | 3743344.122 | 440.00 |
| LOCATION | L0002697 | VOLUME | 479624.129 | 3743344.246 | 440.00 |
| LOCATION | L0002698 | VOLUME | 479615.540 | 3743344.370 | 440.00 |
| LOCATION | L0002699 | VOLUME | 479606.951 | 3743344.494 | 440.00 |
| LOCATION | L0002700 | VOLUME | 479598.362 | 3743344.618 | 440.00 |
| LOCATION | L0002701 | VOLUME | 479589.772 | 3743344.742 | 440.01 |
| LOCATION | L0002702 | VOLUME | 479581.183 | 3743344.866 | 440.29 |
| LOCATION | L0002703 | VOLUME | 479572.594 | 3743344.990 | 440.58 |
| LOCATION | L0002704 | VOLUME | 479564.005 | 3743345.114 | 440.86 |
| LOCATION | L0002705 | VOLUME | 479555.416 | 3743345.238 | 441.00 |
| LOCATION | L0002706 | VOLUME | 479546.827 | 3743345.362 | 441.00 |
| LOCATION | L0002707 | VOLUME | 479538.238 | 3743345.486 | 441.00 |
| LOCATION | L0002708 | VOLUME | 479529.649 | 3743345.609 | 441.00 |
| LOCATION | L0002709 | VOLUME | 479521.060 | 3743345.733 | 441.00 |
| LOCATION | L0002710 | VOLUME | 479512.471 | 3743345.857 | 441.00 |
| LOCATION | L0002711 | VOLUME | 479503.881 | 3743345.981 | 441.00 |
| LOCATION | L0002712 | VOLUME | 479495.292 | 3743346.105 | 441.00 |
| LOCATION | L0002713 | VOLUME | 479486.703 | 3743346.229 | 441.00 |
| LOCATION | L0002714 | VOLUME | 479478.114 | 3743346.353 | 441.00 |
| LOCATION | L0002715 | VOLUME | 479469.525 | 3743346.477 | 441.00 |
| LOCATION | L0002716 | VOLUME | 479460.936 | 3743346.601 | 441.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002717 | VOLUME | 479452.347 | 3743346.725 | 441.00 |
| LOCATION | L0002718 | VOLUME | 479443.758 | 3743346.849 | 441.00 |
| LOCATION | L0002719 | VOLUME | 479435.169 | 3743346.973 | 441.00 |
| LOCATION | L0002720 | VOLUME | 479426.579 | 3743347.097 | 441.00 |
| LOCATION | L0002721 | VOLUME | 479417.990 | 3743347.221 | 441.00 |
| LOCATION | L0002722 | VOLUME | 479409.401 | 3743347.345 | 441.00 |
| LOCATION | L0002723 | VOLUME | 479400.812 | 3743347.469 | 441.00 |
| LOCATION | L0002724 | VOLUME | 479392.223 | 3743347.593 | 441.00 |
| LOCATION | L0002725 | VOLUME | 479383.634 | 3743347.717 | 441.00 |
| LOCATION | L0002726 | VOLUME | 479375.045 | 3743347.841 | 441.00 |
| LOCATION | L0002727 | VOLUME | 479366.456 | 3743347.965 | 441.00 |
| LOCATION | L0002728 | VOLUME | 479357.867 | 3743348.089 | 441.00 |
| LOCATION | L0002729 | VOLUME | 479349.278 | 3743348.213 | 441.00 |
| LOCATION | L0002730 | VOLUME | 479340.688 | 3743348.337 | 441.00 |
| LOCATION | L0002731 | VOLUME | 479332.099 | 3743348.461 | 441.00 |
| LOCATION | L0002732 | VOLUME | 479323.510 | 3743348.585 | 441.00 |
| LOCATION | L0002733 | VOLUME | 479314.921 | 3743348.709 | 441.17 |
| LOCATION | L0002734 | VOLUME | 479306.332 | 3743348.833 | 441.45 |
| LOCATION | L0002735 | VOLUME | 479297.743 | 3743348.957 | 441.74 |
| LOCATION | L0002736 | VOLUME | 479289.154 | 3743349.081 | 442.00 |
| LOCATION | L0002737 | VOLUME | 479280.565 | 3743349.205 | 442.00 |
| LOCATION | L0002738 | VOLUME | 479271.976 | 3743349.329 | 442.00 |
| LOCATION | L0002739 | VOLUME | 479263.386 | 3743349.453 | 442.00 |
| LOCATION | L0002740 | VOLUME | 479254.797 | 3743349.577 | 442.00 |
| LOCATION | L0002741 | VOLUME | 479246.208 | 3743349.701 | 442.00 |
| LOCATION | L0002742 | VOLUME | 479237.619 | 3743349.825 | 442.00 |
| LOCATION | L0002743 | VOLUME | 479229.030 | 3743349.949 | 442.00 |
| LOCATION | L0002744 | VOLUME | 479220.441 | 3743350.073 | 442.00 |
| LOCATION | L0002745 | VOLUME | 479211.852 | 3743350.197 | 442.00 |
| LOCATION | L0002746 | VOLUME | 479203.263 | 3743350.321 | 442.00 |
| LOCATION | L0002747 | VOLUME | 479194.674 | 3743350.445 | 442.00 |
| LOCATION | L0002748 | VOLUME | 479186.085 | 3743350.569 | 442.00 |
| LOCATION | L0002749 | VOLUME | 479177.495 | 3743350.693 | 442.00 |
| LOCATION | L0002750 | VOLUME | 479168.906 | 3743350.817 | 442.00 |
| LOCATION | L0002751 | VOLUME | 479160.317 | 3743350.941 | 442.00 |
| LOCATION | L0002752 | VOLUME | 479151.728 | 3743351.065 | 442.00 |
| LOCATION | L0002753 | VOLUME | 479143.139 | 3743351.189 | 442.00 |
| LOCATION | L0002754 | VOLUME | 479134.550 | 3743351.313 | 442.00 |
| LOCATION | L0002755 | VOLUME | 479125.961 | 3743351.437 | 442.00 |
| LOCATION | L0002756 | VOLUME | 479117.372 | 3743351.561 | 442.00 |
| LOCATION | L0002757 | VOLUME | 479108.783 | 3743351.685 | 442.00 |
| LOCATION | L0002758 | VOLUME | 479100.193 | 3743351.809 | 442.00 |
| LOCATION | L0002759 | VOLUME | 479091.604 | 3743351.933 | 442.00 |
| LOCATION | L0002760 | VOLUME | 479083.015 | 3743352.057 | 442.00 |
| LOCATION | L0002761 | VOLUME | 479074.426 | 3743352.181 | 442.18 |
| LOCATION | L0002762 | VOLUME | 479065.837 | 3743352.305 | 442.47 |
| LOCATION | L0002763 | VOLUME | 479057.248 | 3743352.429 | 442.76 |
| LOCATION | L0002764 | VOLUME | 479048.659 | 3743352.552 | 443.00 |
| LOCATION | L0002765 | VOLUME | 479040.070 | 3743352.676 | 443.00 |
| LOCATION | L0002766 | VOLUME | 479031.481 | 3743352.800 | 443.00 |
| LOCATION | L0002767 | VOLUME | 479022.892 | 3743352.924 | 443.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002768 | VOLUME | 479014.302 | 3743353.048 | 443.00 |
| LOCATION | L0002769 | VOLUME | 479005.713 | 3743353.172 | 443.00 |
| LOCATION | L0002770 | VOLUME | 478997.124 | 3743353.296 | 443.00 |
| LOCATION | L0002771 | VOLUME | 478988.535 | 3743353.420 | 443.00 |
| LOCATION | L0002772 | VOLUME | 478979.946 | 3743353.544 | 443.00 |
| LOCATION | L0002773 | VOLUME | 478971.357 | 3743353.668 | 443.00 |
| LOCATION | L0002774 | VOLUME | 478962.768 | 3743353.792 | 443.00 |
| LOCATION | L0002775 | VOLUME | 478954.179 | 3743353.916 | 443.18 |
| LOCATION | L0002776 | VOLUME | 478945.590 | 3743354.040 | 443.44 |
| LOCATION | L0002777 | VOLUME | 478937.000 | 3743354.164 | 443.71 |
| LOCATION | L0002778 | VOLUME | 478928.411 | 3743354.288 | 443.94 |
| LOCATION | L0002779 | VOLUME | 478919.822 | 3743354.412 | 443.96 |
| LOCATION | L0002780 | VOLUME | 478911.233 | 3743354.536 | 443.98 |
| LOCATION | L0002781 | VOLUME | 478902.644 | 3743354.660 | 444.00 |
| LOCATION | L0002782 | VOLUME | 478894.055 | 3743354.784 | 444.00 |
| LOCATION | L0002783 | VOLUME | 478885.466 | 3743354.908 | 444.00 |
| LOCATION | L0002784 | VOLUME | 478876.877 | 3743355.032 | 444.00 |
| LOCATION | L0002785 | VOLUME | 478868.288 | 3743355.156 | 444.00 |
| LOCATION | L0002786 | VOLUME | 478859.699 | 3743355.280 | 444.00 |
| LOCATION | L0002787 | VOLUME | 478851.109 | 3743355.404 | 444.00 |
| LOCATION | L0002788 | VOLUME | 478842.520 | 3743355.528 | 444.00 |
| LOCATION | L0002789 | VOLUME | 478833.931 | 3743355.652 | 444.00 |
| LOCATION | L0002790 | VOLUME | 478825.342 | 3743355.776 | 444.00 |
| LOCATION | L0002791 | VOLUME | 478816.753 | 3743355.900 | 444.00 |
| LOCATION | L0002792 | VOLUME | 478808.164 | 3743356.024 | 444.00 |
| LOCATION | L0002793 | VOLUME | 478799.575 | 3743356.148 | 444.00 |
| LOCATION | L0002794 | VOLUME | 478790.986 | 3743356.272 | 444.00 |
| LOCATION | L0002795 | VOLUME | 478782.397 | 3743356.396 | 444.00 |
| LOCATION | L0002796 | VOLUME | 478773.807 | 3743356.520 | 444.20 |
| LOCATION | L0002797 | VOLUME | 478765.218 | 3743356.644 | 444.49 |
| LOCATION | L0002798 | VOLUME | 478756.629 | 3743356.768 | 444.78 |
| LOCATION | L0002799 | VOLUME | 478748.040 | 3743356.892 | 445.00 |
| LOCATION | L0002800 | VOLUME | 478739.451 | 3743357.016 | 445.00 |
| LOCATION | L0002801 | VOLUME | 478730.862 | 3743357.140 | 445.00 |
| LOCATION | L0002802 | VOLUME | 478722.273 | 3743357.264 | 445.00 |
| LOCATION | L0002803 | VOLUME | 478713.684 | 3743357.388 | 445.00 |
| LOCATION | L0002804 | VOLUME | 478705.095 | 3743357.512 | 445.00 |
| LOCATION | L0002805 | VOLUME | 478696.506 | 3743357.636 | 445.00 |
| LOCATION | L0002806 | VOLUME | 478687.916 | 3743357.760 | 445.00 |
| LOCATION | L0002807 | VOLUME | 478679.327 | 3743357.884 | 445.00 |
| LOCATION | L0002808 | VOLUME | 478670.738 | 3743358.008 | 445.00 |
| LOCATION | L0002809 | VOLUME | 478662.149 | 3743358.132 | 445.00 |
| LOCATION | L0002810 | VOLUME | 478653.560 | 3743358.256 | 445.00 |
| LOCATION | L0002811 | VOLUME | 478644.971 | 3743358.380 | 445.00 |
| LOCATION | L0002812 | VOLUME | 478636.382 | 3743358.504 | 445.00 |
| LOCATION | L0002813 | VOLUME | 478627.793 | 3743358.628 | 445.07 |
| LOCATION | L0002814 | VOLUME | 478619.204 | 3743358.752 | 445.36 |
| LOCATION | L0002815 | VOLUME | 478610.614 | 3743358.876 | 445.64 |
| LOCATION | L0002816 | VOLUME | 478602.025 | 3743359.000 | 445.93 |
| LOCATION | L0002817 | VOLUME | 478593.436 | 3743359.124 | 446.00 |
| LOCATION | L0002818 | VOLUME | 478584.847 | 3743359.248 | 446.00 |

| LOCATION | VOLUME | | | | |
|-------------------|--------|------------|-------------|--------|--|
| LOCATION L0002819 | VOLUME | 478576.258 | 3743359.372 | 446.00 | |
| LOCATION L0002820 | VOLUME | 478567.669 | 3743359.495 | 446.00 | |
| LOCATION L0002821 | VOLUME | 478559.080 | 3743359.619 | 446.00 | |
| LOCATION L0002822 | VOLUME | 478550.491 | 3743359.743 | 446.00 | |
| LOCATION L0002823 | VOLUME | 478541.902 | 3743359.867 | 446.00 | |
| LOCATION L0002824 | VOLUME | 478533.313 | 3743359.991 | 446.00 | |
| LOCATION L0002825 | VOLUME | 478524.723 | 3743360.115 | 446.00 | |
| LOCATION L0002826 | VOLUME | 478516.134 | 3743360.239 | 446.00 | |
| LOCATION L0002827 | VOLUME | 478507.545 | 3743360.363 | 446.00 | |
| LOCATION L0002828 | VOLUME | 478498.956 | 3743360.487 | 446.00 | |
| LOCATION L0002829 | VOLUME | 478490.367 | 3743360.611 | 446.00 | |
| LOCATION L0002830 | VOLUME | 478481.778 | 3743360.735 | 446.00 | |
| LOCATION L0002831 | VOLUME | 478473.189 | 3743360.859 | 446.00 | |
| LOCATION L0002832 | VOLUME | 478464.600 | 3743360.983 | 446.00 | |
| LOCATION L0002833 | VOLUME | 478456.011 | 3743361.107 | 446.00 | |
| LOCATION L0002834 | VOLUME | 478447.421 | 3743361.231 | 446.00 | |
| LOCATION L0002835 | VOLUME | 478438.832 | 3743361.355 | 446.00 | |
| LOCATION L0002836 | VOLUME | 478430.243 | 3743361.479 | 446.00 | |
| LOCATION L0002837 | VOLUME | 478421.654 | 3743361.603 | 446.00 | |
| LOCATION L0002838 | VOLUME | 478413.065 | 3743361.727 | 446.00 | |
| LOCATION L0002839 | VOLUME | 478404.476 | 3743361.851 | 446.00 | |
| LOCATION L0002840 | VOLUME | 478395.887 | 3743361.975 | 446.00 | |
| LOCATION L0002841 | VOLUME | 478387.298 | 3743362.099 | 446.00 | |
| LOCATION L0002842 | VOLUME | 478378.709 | 3743362.223 | 446.00 | |
| LOCATION L0002843 | VOLUME | 478370.120 | 3743362.347 | 446.00 | |
| LOCATION L0002844 | VOLUME | 478361.530 | 3743362.471 | 446.00 | |
| LOCATION L0002845 | VOLUME | 478352.941 | 3743362.595 | 446.23 | |
| LOCATION L0002846 | VOLUME | 478344.352 | 3743362.719 | 446.52 | |
| LOCATION L0002847 | VOLUME | 478335.763 | 3743362.843 | 446.80 | |
| LOCATION L0002848 | VOLUME | 478327.174 | 3743362.967 | 447.00 | |
| LOCATION L0002849 | VOLUME | 478318.585 | 3743363.091 | 447.00 | |
| LOCATION L0002850 | VOLUME | 478309.996 | 3743363.215 | 447.00 | |
| LOCATION L0002851 | VOLUME | 478301.407 | 3743363.339 | 447.00 | |
| LOCATION L0002852 | VOLUME | 478292.818 | 3743363.463 | 447.00 | |
| LOCATION L0002853 | VOLUME | 478284.228 | 3743363.587 | 447.00 | |
| LOCATION L0002854 | VOLUME | 478275.639 | 3743363.711 | 447.00 | |

```

** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Indian Ave b/n Rider St and Placentia Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.047E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478273.764, 3743355.843, 447.00, 3.49, 4.00
** 478272.855, 3742555.023, 444.06, 3.49, 4.00
** -----

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| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002855 | VOLUME | 478273.759 | 3743351.548 | 447.00 |
| LOCATION | L0002856 | VOLUME | 478273.749 | 3743342.958 | 447.00 |
| LOCATION | L0002857 | VOLUME | 478273.739 | 3743334.368 | 447.00 |
| LOCATION | L0002858 | VOLUME | 478273.730 | 3743325.778 | 447.00 |
| LOCATION | L0002859 | VOLUME | 478273.720 | 3743317.188 | 447.00 |
| LOCATION | L0002860 | VOLUME | 478273.710 | 3743308.598 | 447.00 |
| LOCATION | L0002861 | VOLUME | 478273.700 | 3743300.008 | 447.00 |
| LOCATION | L0002862 | VOLUME | 478273.691 | 3743291.418 | 447.00 |
| LOCATION | L0002863 | VOLUME | 478273.681 | 3743282.828 | 447.00 |
| LOCATION | L0002864 | VOLUME | 478273.671 | 3743274.238 | 447.00 |
| LOCATION | L0002865 | VOLUME | 478273.661 | 3743265.648 | 447.00 |
| LOCATION | L0002866 | VOLUME | 478273.652 | 3743257.058 | 447.00 |
| LOCATION | L0002867 | VOLUME | 478273.642 | 3743248.468 | 447.00 |
| LOCATION | L0002868 | VOLUME | 478273.632 | 3743239.878 | 447.00 |
| LOCATION | L0002869 | VOLUME | 478273.622 | 3743231.288 | 446.98 |
| LOCATION | L0002870 | VOLUME | 478273.613 | 3743222.698 | 446.94 |
| LOCATION | L0002871 | VOLUME | 478273.603 | 3743214.108 | 446.91 |
| LOCATION | L0002872 | VOLUME | 478273.593 | 3743205.518 | 446.88 |
| LOCATION | L0002873 | VOLUME | 478273.583 | 3743196.928 | 446.88 |
| LOCATION | L0002874 | VOLUME | 478273.574 | 3743188.338 | 446.88 |
| LOCATION | L0002875 | VOLUME | 478273.564 | 3743179.748 | 446.88 |
| LOCATION | L0002876 | VOLUME | 478273.554 | 3743171.158 | 446.73 |
| LOCATION | L0002877 | VOLUME | 478273.544 | 3743162.568 | 446.48 |
| LOCATION | L0002878 | VOLUME | 478273.535 | 3743153.978 | 446.23 |
| LOCATION | L0002879 | VOLUME | 478273.525 | 3743145.388 | 446.00 |
| LOCATION | L0002880 | VOLUME | 478273.515 | 3743136.798 | 446.00 |
| LOCATION | L0002881 | VOLUME | 478273.505 | 3743128.208 | 446.00 |
| LOCATION | L0002882 | VOLUME | 478273.496 | 3743119.618 | 446.00 |
| LOCATION | L0002883 | VOLUME | 478273.486 | 3743111.028 | 446.00 |
| LOCATION | L0002884 | VOLUME | 478273.476 | 3743102.438 | 446.00 |
| LOCATION | L0002885 | VOLUME | 478273.466 | 3743093.848 | 446.00 |
| LOCATION | L0002886 | VOLUME | 478273.457 | 3743085.258 | 446.00 |
| LOCATION | L0002887 | VOLUME | 478273.447 | 3743076.668 | 446.00 |
| LOCATION | L0002888 | VOLUME | 478273.437 | 3743068.078 | 446.00 |
| LOCATION | L0002889 | VOLUME | 478273.427 | 3743059.488 | 446.00 |
| LOCATION | L0002890 | VOLUME | 478273.418 | 3743050.898 | 446.00 |
| LOCATION | L0002891 | VOLUME | 478273.408 | 3743042.308 | 446.00 |
| LOCATION | L0002892 | VOLUME | 478273.398 | 3743033.718 | 446.00 |
| LOCATION | L0002893 | VOLUME | 478273.388 | 3743025.128 | 446.00 |
| LOCATION | L0002894 | VOLUME | 478273.379 | 3743016.538 | 446.00 |
| LOCATION | L0002895 | VOLUME | 478273.369 | 3743007.948 | 446.00 |
| LOCATION | L0002896 | VOLUME | 478273.359 | 3742999.358 | 446.00 |
| LOCATION | L0002897 | VOLUME | 478273.349 | 3742990.768 | 445.82 |
| LOCATION | L0002898 | VOLUME | 478273.340 | 3742982.178 | 445.53 |
| LOCATION | L0002899 | VOLUME | 478273.330 | 3742973.588 | 445.25 |
| LOCATION | L0002900 | VOLUME | 478273.320 | 3742964.998 | 445.00 |
| LOCATION | L0002901 | VOLUME | 478273.310 | 3742956.408 | 445.00 |
| LOCATION | L0002902 | VOLUME | 478273.301 | 3742947.818 | 445.00 |
| LOCATION | L0002903 | VOLUME | 478273.291 | 3742939.228 | 445.00 |
| LOCATION | L0002904 | VOLUME | 478273.281 | 3742930.638 | 445.00 |
| LOCATION | L0002905 | VOLUME | 478273.271 | 3742922.048 | 445.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002906 | VOLUME | 478273.262 | 3742913.458 | 445.00 |
| LOCATION | L0002907 | VOLUME | 478273.252 | 3742904.868 | 445.00 |
| LOCATION | L0002908 | VOLUME | 478273.242 | 3742896.278 | 445.00 |
| LOCATION | L0002909 | VOLUME | 478273.232 | 3742887.688 | 445.00 |
| LOCATION | L0002910 | VOLUME | 478273.223 | 3742879.098 | 445.00 |
| LOCATION | L0002911 | VOLUME | 478273.213 | 3742870.508 | 445.00 |
| LOCATION | L0002912 | VOLUME | 478273.203 | 3742861.918 | 445.00 |
| LOCATION | L0002913 | VOLUME | 478273.193 | 3742853.328 | 445.00 |
| LOCATION | L0002914 | VOLUME | 478273.184 | 3742844.738 | 445.00 |
| LOCATION | L0002915 | VOLUME | 478273.174 | 3742836.148 | 445.00 |
| LOCATION | L0002916 | VOLUME | 478273.164 | 3742827.558 | 445.00 |
| LOCATION | L0002917 | VOLUME | 478273.154 | 3742818.968 | 445.00 |
| LOCATION | L0002918 | VOLUME | 478273.145 | 3742810.378 | 445.00 |
| LOCATION | L0002919 | VOLUME | 478273.135 | 3742801.788 | 445.00 |
| LOCATION | L0002920 | VOLUME | 478273.125 | 3742793.198 | 445.00 |
| LOCATION | L0002921 | VOLUME | 478273.115 | 3742784.608 | 444.99 |
| LOCATION | L0002922 | VOLUME | 478273.106 | 3742776.018 | 444.96 |
| LOCATION | L0002923 | VOLUME | 478273.096 | 3742767.428 | 444.93 |
| LOCATION | L0002924 | VOLUME | 478273.086 | 3742758.838 | 444.90 |
| LOCATION | L0002925 | VOLUME | 478273.076 | 3742750.248 | 444.89 |
| LOCATION | L0002926 | VOLUME | 478273.067 | 3742741.659 | 444.89 |
| LOCATION | L0002927 | VOLUME | 478273.057 | 3742733.069 | 444.89 |
| LOCATION | L0002928 | VOLUME | 478273.047 | 3742724.479 | 444.90 |
| LOCATION | L0002929 | VOLUME | 478273.038 | 3742715.889 | 444.90 |
| LOCATION | L0002930 | VOLUME | 478273.028 | 3742707.299 | 444.90 |
| LOCATION | L0002931 | VOLUME | 478273.018 | 3742698.709 | 444.90 |
| LOCATION | L0002932 | VOLUME | 478273.008 | 3742690.119 | 444.90 |
| LOCATION | L0002933 | VOLUME | 478272.999 | 3742681.529 | 444.90 |
| LOCATION | L0002934 | VOLUME | 478272.989 | 3742672.939 | 444.90 |
| LOCATION | L0002935 | VOLUME | 478272.979 | 3742664.349 | 444.84 |
| LOCATION | L0002936 | VOLUME | 478272.969 | 3742655.759 | 444.59 |
| LOCATION | L0002937 | VOLUME | 478272.960 | 3742647.169 | 444.33 |
| LOCATION | L0002938 | VOLUME | 478272.950 | 3742638.579 | 444.07 |
| LOCATION | L0002939 | VOLUME | 478272.940 | 3742629.989 | 444.00 |
| LOCATION | L0002940 | VOLUME | 478272.930 | 3742621.399 | 444.00 |
| LOCATION | L0002941 | VOLUME | 478272.921 | 3742612.809 | 444.00 |
| LOCATION | L0002942 | VOLUME | 478272.911 | 3742604.219 | 444.00 |
| LOCATION | L0002943 | VOLUME | 478272.901 | 3742595.629 | 444.00 |
| LOCATION | L0002944 | VOLUME | 478272.891 | 3742587.039 | 444.00 |
| LOCATION | L0002945 | VOLUME | 478272.882 | 3742578.449 | 444.00 |
| LOCATION | L0002946 | VOLUME | 478272.872 | 3742569.859 | 444.00 |
| LOCATION | L0002947 | VOLUME | 478272.862 | 3742561.269 | 444.00 |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Placentia Ave b/n Indian Ave and I-215 Ramps

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 6.469E-06

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** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478272.866, 3742551.384, 444.03, 3.49, 4.00
** 477700.489, 3742567.347, 450.94, 3.49, 4.00
** -----
LOCATION L0002948    VOLUME  478268.572 3742551.503 444.04
LOCATION L0002949    VOLUME  478259.986 3742551.743 444.33
LOCATION L0002950    VOLUME  478251.399 3742551.982 444.62
LOCATION L0002951    VOLUME  478242.812 3742552.222 444.90
LOCATION L0002952    VOLUME  478234.226 3742552.461 445.00
LOCATION L0002953    VOLUME  478225.639 3742552.701 445.00
LOCATION L0002954    VOLUME  478217.052 3742552.940 445.00
LOCATION L0002955    VOLUME  478208.466 3742553.180 445.00
LOCATION L0002956    VOLUME  478199.879 3742553.419 445.00
LOCATION L0002957    VOLUME  478191.292 3742553.659 445.00
LOCATION L0002958    VOLUME  478182.706 3742553.898 445.00
LOCATION L0002959    VOLUME  478174.119 3742554.138 445.00
LOCATION L0002960    VOLUME  478165.532 3742554.377 445.00
LOCATION L0002961    VOLUME  478156.946 3742554.617 445.00
LOCATION L0002962    VOLUME  478148.359 3742554.856 445.05
LOCATION L0002963    VOLUME  478139.772 3742555.096 445.34
LOCATION L0002964    VOLUME  478131.186 3742555.335 445.62
LOCATION L0002965    VOLUME  478122.599 3742555.575 445.91
LOCATION L0002966    VOLUME  478114.012 3742555.814 446.00
LOCATION L0002967    VOLUME  478105.426 3742556.054 446.00
LOCATION L0002968    VOLUME  478096.839 3742556.293 446.00
LOCATION L0002969    VOLUME  478088.252 3742556.532 446.00
LOCATION L0002970    VOLUME  478079.666 3742556.772 446.00
LOCATION L0002971    VOLUME  478071.079 3742557.011 446.00
LOCATION L0002972    VOLUME  478062.492 3742557.251 446.00
LOCATION L0002973    VOLUME  478053.906 3742557.490 446.20
LOCATION L0002974    VOLUME  478045.319 3742557.730 446.49
LOCATION L0002975    VOLUME  478036.732 3742557.969 446.77
LOCATION L0002976    VOLUME  478028.146 3742558.209 447.00
LOCATION L0002977    VOLUME  478019.559 3742558.448 447.00
LOCATION L0002978    VOLUME  478010.972 3742558.688 447.00
LOCATION L0002979    VOLUME  478002.386 3742558.927 447.00
LOCATION L0002980    VOLUME  477993.799 3742559.167 447.00
LOCATION L0002981    VOLUME  477985.212 3742559.406 447.00
LOCATION L0002982    VOLUME  477976.626 3742559.646 447.00
LOCATION L0002983    VOLUME  477968.039 3742559.885 447.06
LOCATION L0002984    VOLUME  477959.452 3742560.125 447.35
LOCATION L0002985    VOLUME  477950.866 3742560.364 447.63
LOCATION L0002986    VOLUME  477942.279 3742560.604 447.92
LOCATION L0002987    VOLUME  477933.693 3742560.843 448.00
LOCATION L0002988    VOLUME  477925.106 3742561.083 448.00
LOCATION L0002989    VOLUME  477916.519 3742561.322 448.00
LOCATION L0002990    VOLUME  477907.933 3742561.562 448.00
LOCATION L0002991    VOLUME  477899.346 3742561.801 448.00
LOCATION L0002992    VOLUME  477890.759 3742562.041 448.00

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| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0002993 | VOLUME | 477882.173 | 3742562.280 | 448.00 |
| LOCATION | L0002994 | VOLUME | 477873.586 | 3742562.520 | 448.10 |
| LOCATION | L0002995 | VOLUME | 477864.999 | 3742562.759 | 448.22 |
| LOCATION | L0002996 | VOLUME | 477856.413 | 3742562.999 | 448.34 |
| LOCATION | L0002997 | VOLUME | 477847.826 | 3742563.238 | 448.47 |
| LOCATION | L0002998 | VOLUME | 477839.239 | 3742563.478 | 448.63 |
| LOCATION | L0002999 | VOLUME | 477830.653 | 3742563.717 | 448.79 |
| LOCATION | L0003000 | VOLUME | 477822.066 | 3742563.956 | 448.96 |
| LOCATION | L0003001 | VOLUME | 477813.479 | 3742564.196 | 449.09 |
| LOCATION | L0003002 | VOLUME | 477804.893 | 3742564.435 | 449.20 |
| LOCATION | L0003003 | VOLUME | 477796.306 | 3742564.675 | 449.30 |
| LOCATION | L0003004 | VOLUME | 477787.719 | 3742564.914 | 449.42 |
| LOCATION | L0003005 | VOLUME | 477779.133 | 3742565.154 | 449.59 |
| LOCATION | L0003006 | VOLUME | 477770.546 | 3742565.393 | 449.77 |
| LOCATION | L0003007 | VOLUME | 477761.959 | 3742565.633 | 449.96 |
| LOCATION | L0003008 | VOLUME | 477753.373 | 3742565.872 | 450.00 |
| LOCATION | L0003009 | VOLUME | 477744.786 | 3742566.112 | 450.00 |
| LOCATION | L0003010 | VOLUME | 477736.199 | 3742566.351 | 450.00 |
| LOCATION | L0003011 | VOLUME | 477727.613 | 3742566.591 | 450.08 |
| LOCATION | L0003012 | VOLUME | 477719.026 | 3742566.830 | 450.36 |
| LOCATION | L0003013 | VOLUME | 477710.439 | 3742567.070 | 450.65 |
| LOCATION | L0003014 | VOLUME | 477701.853 | 3742567.309 | 450.93 |

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC On-site Drive Aisle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.000012

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 479896.687, 3743011.429, 439.00, 3.49, 4.00

** 480074.817, 3743012.641, 439.00, 3.49, 4.00

** 480078.452, 3743327.701, 439.00, 3.49, 4.00

** -----

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0003015 | VOLUME | 479900.982 | 3743011.459 | 439.00 |
| LOCATION | L0003016 | VOLUME | 479909.571 | 3743011.517 | 439.00 |
| LOCATION | L0003017 | VOLUME | 479918.161 | 3743011.575 | 439.00 |
| LOCATION | L0003018 | VOLUME | 479926.751 | 3743011.634 | 439.00 |
| LOCATION | L0003019 | VOLUME | 479935.341 | 3743011.692 | 439.00 |
| LOCATION | L0003020 | VOLUME | 479943.931 | 3743011.751 | 439.00 |
| LOCATION | L0003021 | VOLUME | 479952.520 | 3743011.809 | 439.00 |
| LOCATION | L0003022 | VOLUME | 479961.110 | 3743011.868 | 439.00 |
| LOCATION | L0003023 | VOLUME | 479969.700 | 3743011.926 | 439.00 |
| LOCATION | L0003024 | VOLUME | 479978.290 | 3743011.984 | 439.00 |
| LOCATION | L0003025 | VOLUME | 479986.880 | 3743012.043 | 439.00 |
| LOCATION | L0003026 | VOLUME | 479995.469 | 3743012.101 | 439.00 |
| LOCATION | L0003027 | VOLUME | 480004.059 | 3743012.160 | 439.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|--------|
| LOCATION | L0003028 | VOLUME | 480012.649 | 3743012.218 | 439.00 |
| LOCATION | L0003029 | VOLUME | 480021.239 | 3743012.277 | 439.00 |
| LOCATION | L0003030 | VOLUME | 480029.829 | 3743012.335 | 439.00 |
| LOCATION | L0003031 | VOLUME | 480038.418 | 3743012.394 | 439.00 |
| LOCATION | L0003032 | VOLUME | 480047.008 | 3743012.452 | 439.00 |
| LOCATION | L0003033 | VOLUME | 480055.598 | 3743012.510 | 439.00 |
| LOCATION | L0003034 | VOLUME | 480064.188 | 3743012.569 | 439.00 |
| LOCATION | L0003035 | VOLUME | 480072.778 | 3743012.627 | 439.00 |
| LOCATION | L0003036 | VOLUME | 480074.892 | 3743019.192 | 439.00 |
| LOCATION | L0003037 | VOLUME | 480074.991 | 3743027.781 | 439.00 |
| LOCATION | L0003038 | VOLUME | 480075.090 | 3743036.370 | 439.00 |
| LOCATION | L0003039 | VOLUME | 480075.190 | 3743044.960 | 439.00 |
| LOCATION | L0003040 | VOLUME | 480075.289 | 3743053.549 | 439.00 |
| LOCATION | L0003041 | VOLUME | 480075.388 | 3743062.139 | 439.00 |
| LOCATION | L0003042 | VOLUME | 480075.487 | 3743070.728 | 439.00 |
| LOCATION | L0003043 | VOLUME | 480075.586 | 3743079.318 | 439.00 |
| LOCATION | L0003044 | VOLUME | 480075.685 | 3743087.907 | 439.00 |
| LOCATION | L0003045 | VOLUME | 480075.784 | 3743096.496 | 439.00 |
| LOCATION | L0003046 | VOLUME | 480075.883 | 3743105.086 | 439.00 |
| LOCATION | L0003047 | VOLUME | 480075.982 | 3743113.675 | 439.00 |
| LOCATION | L0003048 | VOLUME | 480076.082 | 3743122.265 | 439.00 |
| LOCATION | L0003049 | VOLUME | 480076.181 | 3743130.854 | 439.00 |
| LOCATION | L0003050 | VOLUME | 480076.280 | 3743139.444 | 439.00 |
| LOCATION | L0003051 | VOLUME | 480076.379 | 3743148.033 | 439.00 |
| LOCATION | L0003052 | VOLUME | 480076.478 | 3743156.622 | 439.00 |
| LOCATION | L0003053 | VOLUME | 480076.577 | 3743165.212 | 439.00 |
| LOCATION | L0003054 | VOLUME | 480076.676 | 3743173.801 | 439.00 |
| LOCATION | L0003055 | VOLUME | 480076.775 | 3743182.391 | 439.00 |
| LOCATION | L0003056 | VOLUME | 480076.874 | 3743190.980 | 439.00 |
| LOCATION | L0003057 | VOLUME | 480076.974 | 3743199.570 | 439.00 |
| LOCATION | L0003058 | VOLUME | 480077.073 | 3743208.159 | 439.00 |
| LOCATION | L0003059 | VOLUME | 480077.172 | 3743216.748 | 439.00 |
| LOCATION | L0003060 | VOLUME | 480077.271 | 3743225.338 | 439.00 |
| LOCATION | L0003061 | VOLUME | 480077.370 | 3743233.927 | 439.00 |
| LOCATION | L0003062 | VOLUME | 480077.469 | 3743242.517 | 439.00 |
| LOCATION | L0003063 | VOLUME | 480077.568 | 3743251.106 | 439.00 |
| LOCATION | L0003064 | VOLUME | 480077.667 | 3743259.696 | 439.00 |
| LOCATION | L0003065 | VOLUME | 480077.766 | 3743268.285 | 439.00 |
| LOCATION | L0003066 | VOLUME | 480077.866 | 3743276.874 | 439.00 |
| LOCATION | L0003067 | VOLUME | 480077.965 | 3743285.464 | 439.00 |
| LOCATION | L0003068 | VOLUME | 480078.064 | 3743294.053 | 439.00 |
| LOCATION | L0003069 | VOLUME | 480078.163 | 3743302.643 | 439.00 |
| LOCATION | L0003070 | VOLUME | 480078.262 | 3743311.232 | 439.00 |
| LOCATION | L0003071 | VOLUME | 480078.361 | 3743319.822 | 439.00 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Loading Area

** PREFIX

** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00002515
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480052.657, 3743068.840, 439.00, 3.49, 4.00
** 480054.778, 3743260.316, 439.00, 3.49, 4.00
** -----
LOCATION L0003072      VOLUME  480052.705 3743073.135 439.00
LOCATION L0003073      VOLUME  480052.800 3743081.724 439.00
LOCATION L0003074      VOLUME  480052.895 3743090.314 439.00
LOCATION L0003075      VOLUME  480052.990 3743098.903 439.00
LOCATION L0003076      VOLUME  480053.085 3743107.493 439.00
LOCATION L0003077      VOLUME  480053.180 3743116.082 439.00
LOCATION L0003078      VOLUME  480053.275 3743124.672 439.00
LOCATION L0003079      VOLUME  480053.371 3743133.261 439.00
LOCATION L0003080      VOLUME  480053.466 3743141.851 439.00
LOCATION L0003081      VOLUME  480053.561 3743150.440 439.00
LOCATION L0003082      VOLUME  480053.656 3743159.030 439.00
LOCATION L0003083      VOLUME  480053.751 3743167.619 439.00
LOCATION L0003084      VOLUME  480053.846 3743176.209 439.00
LOCATION L0003085      VOLUME  480053.941 3743184.798 439.00
LOCATION L0003086      VOLUME  480054.037 3743193.388 439.00
LOCATION L0003087      VOLUME  480054.132 3743201.977 439.00
LOCATION L0003088      VOLUME  480054.227 3743210.567 439.00
LOCATION L0003089      VOLUME  480054.322 3743219.156 439.00
LOCATION L0003090      VOLUME  480054.417 3743227.745 439.00
LOCATION L0003091      VOLUME  480054.512 3743236.335 439.00
LOCATION L0003092      VOLUME  480054.607 3743244.924 439.00
LOCATION L0003093      VOLUME  480054.703 3743253.514 439.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
SRCPARAM L0002629      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002630      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002631      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002632      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002633      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002634      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002635      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002636      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002637      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002638      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002639      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002640      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002641      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002642      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002643      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002644      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002645      0.0000001342      3.49      4.00      3.25
SRCPARAM L0002646      0.0000001342      3.49      4.00      3.25

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| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002647 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002648 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002649 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002650 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002651 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002652 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002653 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002654 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002655 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002656 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002657 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002658 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002659 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002660 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002661 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002662 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002663 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002664 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002665 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002666 | 0.0000001342 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002667 | 0.0000001342 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE2

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002668 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002669 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002670 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002671 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002672 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002673 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002674 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002675 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002676 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002677 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002678 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002679 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002680 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002681 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002682 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002683 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002684 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002685 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002686 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002687 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002688 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002689 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002690 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002691 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002692 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002693 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002694 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002695 | 0.0000001043 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0002849 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002850 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002851 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002852 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002853 | 0.0000001043 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002854 | 0.0000001043 | 3.49 | 4.00 | 3.25 |

** -----

** LINE VOLUME Source ID = SLINE3

| | | | | | |
|----------|----------|---------------|------|------|------|
| SRCPARAM | L0002855 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002856 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002857 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002858 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002859 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002860 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002861 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002862 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002863 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002864 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002865 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002866 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002867 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002868 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002869 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002870 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002871 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002872 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002873 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002874 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002875 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002876 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002877 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002878 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002879 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002880 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002881 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002882 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002883 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002884 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002885 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002886 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002887 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002888 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002889 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002890 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002891 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002892 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002893 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002894 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002895 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002896 | 0.00000009728 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002897 | 0.00000009728 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|---------------|------|------|------|
| SRCPARAM | L0002998 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0002999 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003000 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003001 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003002 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003003 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003004 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003005 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003006 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003007 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003008 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003009 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003010 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003011 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003012 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003013 | 0.00000009655 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003014 | 0.00000009655 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINES

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0003015 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003016 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003017 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003018 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003019 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003020 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003021 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003022 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003023 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003024 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003025 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003026 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003027 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003028 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003029 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003030 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003031 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003032 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003033 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003034 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003035 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003036 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003037 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003038 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003039 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003040 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003041 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003042 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003043 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003044 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003045 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003046 | 0.0000002105 | 3.49 | 4.00 | 3.25 |

| | | | | | |
|----------|----------|--------------|------|------|------|
| SRCPARAM | L0003047 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003048 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003049 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003050 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003051 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003052 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003053 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003054 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003055 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003056 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003057 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003058 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003059 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003060 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003061 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003062 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003063 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003064 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003065 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003066 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003067 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003068 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003069 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003070 | 0.0000002105 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003071 | 0.0000002105 | 3.49 | 4.00 | 3.25 |

**

** LINE VOLUME Source ID = SLINE6

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0003072 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003073 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003074 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003075 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003076 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003077 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003078 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003079 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003080 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003081 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003082 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003083 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003084 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003085 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003086 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003087 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003088 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003089 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003090 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003091 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003092 | 0.000001143 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0003093 | 0.000001143 | 3.49 | 4.00 | 3.25 |

**

URBANSRC ALL

```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED ProjectAB3Mit.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PERI_v9.SFC
  PROFFILE PERI_v9.PFL
  SURFDATA 3171 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 442.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL PROJECTAB3MIT.AD\PE00GALL.PLT 31
  SUMMFILE ProjectAB3Mit.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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated *** 11:20:39
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*** MODELOPTs: RegDEFAULT 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 465 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

1. 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: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 465 Source(s); 1 Source Group(s); and 2761 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 465 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 0 line(s)

**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 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 = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: ProjectAB3Mit.err
**File for Summary of Results: ProjectAB3Mit.sum

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002629 | 0 | 0.13420E-06 | 479888.8 | 3743013.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002630 | 0 | 0.13420E-06 | 479888.8 | 3743021.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002631 | 0 | 0.13420E-06 | 479888.8 | 3743030.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002632 | 0 | 0.13420E-06 | 479888.8 | 3743039.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002633 | 0 | 0.13420E-06 | 479888.8 | 3743047.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002634 | 0 | 0.13420E-06 | 479888.8 | 3743056.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002635 | 0 | 0.13420E-06 | 479888.8 | 3743064.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002636 | 0 | 0.13420E-06 | 479888.9 | 3743073.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002637 | 0 | 0.13420E-06 | 479888.9 | 3743082.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002638 | 0 | 0.13420E-06 | 479888.9 | 3743090.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002639 | 0 | 0.13420E-06 | 479888.9 | 3743099.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002640 | 0 | 0.13420E-06 | 479888.9 | 3743107.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002641 | 0 | 0.13420E-06 | 479888.9 | 3743116.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002642 | 0 | 0.13420E-06 | 479888.9 | 3743125.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002643 | 0 | 0.13420E-06 | 479888.9 | 3743133.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002644 | 0 | 0.13420E-06 | 479888.9 | 3743142.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002645 | 0 | 0.13420E-06 | 479888.9 | 3743150.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002646 | 0 | 0.13420E-06 | 479888.9 | 3743159.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002647 | 0 | 0.13420E-06 | 479888.9 | 3743167.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002648 | 0 | 0.13420E-06 | 479889.0 | 3743176.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002649 | 0 | 0.13420E-06 | 479889.0 | 3743185.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002650 | 0 | 0.13420E-06 | 479889.0 | 3743193.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002651 | 0 | 0.13420E-06 | 479889.0 | 3743202.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002652 | 0 | 0.13420E-06 | 479889.0 | 3743210.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002653 | 0 | 0.13420E-06 | 479889.0 | 3743219.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002654 | 0 | 0.13420E-06 | 479889.0 | 3743228.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002655 | 0 | 0.13420E-06 | 479889.0 | 3743236.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002656 | 0 | 0.13420E-06 | 479889.0 | 3743245.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002657 | 0 | 0.13420E-06 | 479889.0 | 3743253.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002658 | 0 | 0.13420E-06 | 479889.0 | 3743262.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002659 | 0 | 0.13420E-06 | 479889.0 | 3743271.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002660 | 0 | 0.13420E-06 | 479889.1 | 3743279.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002661 | 0 | 0.13420E-06 | 479889.1 | 3743288.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002662 | 0 | 0.13420E-06 | 479889.1 | 3743296.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002663 | 0 | 0.13420E-06 | 479889.1 | 3743305.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002664 | 0 | 0.13420E-06 | 479889.1 | 3743313.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002665 | 0 | 0.13420E-06 | 479889.1 | 3743322.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002666 | 0 | 0.13420E-06 | 479889.1 | 3743331.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002667 | 0 | 0.13420E-06 | 479889.1 | 3743339.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002668 | 0 | 0.10430E-06 | 479873.2 | 3743340.6 | 439.6 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002669 | 0 | 0.10430E-06 | 479864.6 | 3743340.8 | 439.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002670 | 0 | 0.10430E-06 | 479856.0 | 3743340.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002671 | 0 | 0.10430E-06 | 479847.4 | 3743341.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002672 | 0 | 0.10430E-06 | 479838.9 | 3743341.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002673 | 0 | 0.10430E-06 | 479830.3 | 3743341.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002674 | 0 | 0.10430E-06 | 479821.7 | 3743341.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002675 | 0 | 0.10430E-06 | 479813.1 | 3743341.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002676 | 0 | 0.10430E-06 | 479804.5 | 3743341.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002677 | 0 | 0.10430E-06 | 479795.9 | 3743341.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002678 | 0 | 0.10430E-06 | 479787.3 | 3743341.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002679 | 0 | 0.10430E-06 | 479778.7 | 3743342.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002680 | 0 | 0.10430E-06 | 479770.1 | 3743342.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002681 | 0 | 0.10430E-06 | 479761.6 | 3743342.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002682 | 0 | 0.10430E-06 | 479753.0 | 3743342.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002683 | 0 | 0.10430E-06 | 479744.4 | 3743342.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002684 | 0 | 0.10430E-06 | 479735.8 | 3743342.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002685 | 0 | 0.10430E-06 | 479727.2 | 3743342.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002686 | 0 | 0.10430E-06 | 479718.6 | 3743342.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002687 | 0 | 0.10430E-06 | 479710.0 | 3743343.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002688 | 0 | 0.10430E-06 | 479701.4 | 3743343.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002689 | 0 | 0.10430E-06 | 479692.8 | 3743343.3 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002690 | 0 | 0.10430E-06 | 479684.3 | 3743343.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002691 | 0 | 0.10430E-06 | 479675.7 | 3743343.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002692 | 0 | 0.10430E-06 | 479667.1 | 3743343.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002693 | 0 | 0.10430E-06 | 479658.5 | 3743343.8 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002694 | 0 | 0.10430E-06 | 479649.9 | 3743343.9 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002695 | 0 | 0.10430E-06 | 479641.3 | 3743344.0 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002696 | 0 | 0.10430E-06 | 479632.7 | 3743344.1 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002697 | 0 | 0.10430E-06 | 479624.1 | 3743344.2 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002698 | 0 | 0.10430E-06 | 479615.5 | 3743344.4 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002699 | 0 | 0.10430E-06 | 479607.0 | 3743344.5 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002700 | 0 | 0.10430E-06 | 479598.4 | 3743344.6 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002701 | 0 | 0.10430E-06 | 479589.8 | 3743344.7 | 440.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002702 | 0 | 0.10430E-06 | 479581.2 | 3743344.9 | 440.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002703 | 0 | 0.10430E-06 | 479572.6 | 3743345.0 | 440.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002704 | 0 | 0.10430E-06 | 479564.0 | 3743345.1 | 440.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002705 | 0 | 0.10430E-06 | 479555.4 | 3743345.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002706 | 0 | 0.10430E-06 | 479546.8 | 3743345.4 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002707 | 0 | 0.10430E-06 | 479538.2 | 3743345.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002708 | 0 | 0.10430E-06 | 479529.6 | 3743345.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 ***
*** AERMET - VERSION 16216 ***

*** First Industrial Warehouse at Rider and Redlands
*** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002709 | 0 | 0.10430E-06 | 479521.1 | 3743345.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002710 | 0 | 0.10430E-06 | 479512.5 | 3743345.9 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002711 | 0 | 0.10430E-06 | 479503.9 | 3743346.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002712 | 0 | 0.10430E-06 | 479495.3 | 3743346.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002713 | 0 | 0.10430E-06 | 479486.7 | 3743346.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002714 | 0 | 0.10430E-06 | 479478.1 | 3743346.4 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002715 | 0 | 0.10430E-06 | 479469.5 | 3743346.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002716 | 0 | 0.10430E-06 | 479460.9 | 3743346.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002717 | 0 | 0.10430E-06 | 479452.3 | 3743346.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002718 | 0 | 0.10430E-06 | 479443.8 | 3743346.8 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002719 | 0 | 0.10430E-06 | 479435.2 | 3743347.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002720 | 0 | 0.10430E-06 | 479426.6 | 3743347.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002721 | 0 | 0.10430E-06 | 479418.0 | 3743347.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002722 | 0 | 0.10430E-06 | 479409.4 | 3743347.3 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002723 | 0 | 0.10430E-06 | 479400.8 | 3743347.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002724 | 0 | 0.10430E-06 | 479392.2 | 3743347.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002725 | 0 | 0.10430E-06 | 479383.6 | 3743347.7 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002726 | 0 | 0.10430E-06 | 479375.0 | 3743347.8 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002727 | 0 | 0.10430E-06 | 479366.5 | 3743348.0 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002728 | 0 | 0.10430E-06 | 479357.9 | 3743348.1 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002729 | 0 | 0.10430E-06 | 479349.3 | 3743348.2 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002730 | 0 | 0.10430E-06 | 479340.7 | 3743348.3 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002731 | 0 | 0.10430E-06 | 479332.1 | 3743348.5 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002732 | 0 | 0.10430E-06 | 479323.5 | 3743348.6 | 441.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002733 | 0 | 0.10430E-06 | 479314.9 | 3743348.7 | 441.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002734 | 0 | 0.10430E-06 | 479306.3 | 3743348.8 | 441.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002735 | 0 | 0.10430E-06 | 479297.7 | 3743349.0 | 441.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002736 | 0 | 0.10430E-06 | 479289.2 | 3743349.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002737 | 0 | 0.10430E-06 | 479280.6 | 3743349.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002738 | 0 | 0.10430E-06 | 479272.0 | 3743349.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002739 | 0 | 0.10430E-06 | 479263.4 | 3743349.5 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002740 | 0 | 0.10430E-06 | 479254.8 | 3743349.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002741 | 0 | 0.10430E-06 | 479246.2 | 3743349.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002742 | 0 | 0.10430E-06 | 479237.6 | 3743349.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002743 | 0 | 0.10430E-06 | 479229.0 | 3743349.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002744 | 0 | 0.10430E-06 | 479220.4 | 3743350.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002745 | 0 | 0.10430E-06 | 479211.9 | 3743350.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002746 | 0 | 0.10430E-06 | 479203.3 | 3743350.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002747 | 0 | 0.10430E-06 | 479194.7 | 3743350.4 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002748 | 0 | 0.10430E-06 | 479186.1 | 3743350.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002749 | 0 | 0.10430E-06 | 479177.5 | 3743350.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002750 | 0 | 0.10430E-06 | 479168.9 | 3743350.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002751 | 0 | 0.10430E-06 | 479160.3 | 3743350.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002752 | 0 | 0.10430E-06 | 479151.7 | 3743351.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002753 | 0 | 0.10430E-06 | 479143.1 | 3743351.2 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002754 | 0 | 0.10430E-06 | 479134.5 | 3743351.3 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002755 | 0 | 0.10430E-06 | 479126.0 | 3743351.4 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002756 | 0 | 0.10430E-06 | 479117.4 | 3743351.6 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002757 | 0 | 0.10430E-06 | 479108.8 | 3743351.7 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002758 | 0 | 0.10430E-06 | 479100.2 | 3743351.8 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002759 | 0 | 0.10430E-06 | 479091.6 | 3743351.9 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002760 | 0 | 0.10430E-06 | 479083.0 | 3743352.1 | 442.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002761 | 0 | 0.10430E-06 | 479074.4 | 3743352.2 | 442.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002762 | 0 | 0.10430E-06 | 479065.8 | 3743352.3 | 442.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002763 | 0 | 0.10430E-06 | 479057.2 | 3743352.4 | 442.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002764 | 0 | 0.10430E-06 | 479048.7 | 3743352.6 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002765 | 0 | 0.10430E-06 | 479040.1 | 3743352.7 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002766 | 0 | 0.10430E-06 | 479031.5 | 3743352.8 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002767 | 0 | 0.10430E-06 | 479022.9 | 3743352.9 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002768 | 0 | 0.10430E-06 | 479014.3 | 3743353.0 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002769 | 0 | 0.10430E-06 | 479005.7 | 3743353.2 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002770 | 0 | 0.10430E-06 | 478997.1 | 3743353.3 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002771 | 0 | 0.10430E-06 | 478988.5 | 3743353.4 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002772 | 0 | 0.10430E-06 | 478979.9 | 3743353.5 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002773 | 0 | 0.10430E-06 | 478971.4 | 3743353.7 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002774 | 0 | 0.10430E-06 | 478962.8 | 3743353.8 | 443.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002775 | 0 | 0.10430E-06 | 478954.2 | 3743353.9 | 443.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002776 | 0 | 0.10430E-06 | 478945.6 | 3743354.0 | 443.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002777 | 0 | 0.10430E-06 | 478937.0 | 3743354.2 | 443.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002778 | 0 | 0.10430E-06 | 478928.4 | 3743354.3 | 443.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002779 | 0 | 0.10430E-06 | 478919.8 | 3743354.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002780 | 0 | 0.10430E-06 | 478911.2 | 3743354.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002781 | 0 | 0.10430E-06 | 478902.6 | 3743354.7 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002782 | 0 | 0.10430E-06 | 478894.1 | 3743354.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002783 | 0 | 0.10430E-06 | 478885.5 | 3743354.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002784 | 0 | 0.10430E-06 | 478876.9 | 3743355.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002785 | 0 | 0.10430E-06 | 478868.3 | 3743355.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002786 | 0 | 0.10430E-06 | 478859.7 | 3743355.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002787 | 0 | 0.10430E-06 | 478851.1 | 3743355.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002788 | 0 | 0.10430E-06 | 478842.5 | 3743355.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002789 | 0 | 0.10430E-06 | 478833.9 | 3743355.7 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002790 | 0 | 0.10430E-06 | 478825.3 | 3743355.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002791 | 0 | 0.10430E-06 | 478816.8 | 3743355.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002792 | 0 | 0.10430E-06 | 478808.2 | 3743356.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002793 | 0 | 0.10430E-06 | 478799.6 | 3743356.1 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002794 | 0 | 0.10430E-06 | 478791.0 | 3743356.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002795 | 0 | 0.10430E-06 | 478782.4 | 3743356.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002796 | 0 | 0.10430E-06 | 478773.8 | 3743356.5 | 444.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002797 | 0 | 0.10430E-06 | 478765.2 | 3743356.6 | 444.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002798 | 0 | 0.10430E-06 | 478756.6 | 3743356.8 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002799 | 0 | 0.10430E-06 | 478748.0 | 3743356.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002800 | 0 | 0.10430E-06 | 478739.5 | 3743357.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002801 | 0 | 0.10430E-06 | 478730.9 | 3743357.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002802 | 0 | 0.10430E-06 | 478722.3 | 3743357.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002803 | 0 | 0.10430E-06 | 478713.7 | 3743357.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002804 | 0 | 0.10430E-06 | 478705.1 | 3743357.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002805 | 0 | 0.10430E-06 | 478696.5 | 3743357.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002806 | 0 | 0.10430E-06 | 478687.9 | 3743357.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002807 | 0 | 0.10430E-06 | 478679.3 | 3743357.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002808 | 0 | 0.10430E-06 | 478670.7 | 3743358.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002809 | 0 | 0.10430E-06 | 478662.1 | 3743358.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002810 | 0 | 0.10430E-06 | 478653.6 | 3743358.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002811 | 0 | 0.10430E-06 | 478645.0 | 3743358.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002812 | 0 | 0.10430E-06 | 478636.4 | 3743358.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002813 | 0 | 0.10430E-06 | 478627.8 | 3743358.6 | 445.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002814 | 0 | 0.10430E-06 | 478619.2 | 3743358.8 | 445.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002815 | 0 | 0.10430E-06 | 478610.6 | 3743358.9 | 445.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002816 | 0 | 0.10430E-06 | 478602.0 | 3743359.0 | 445.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002817 | 0 | 0.10430E-06 | 478593.4 | 3743359.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002818 | 0 | 0.10430E-06 | 478584.8 | 3743359.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002819 | 0 | 0.10430E-06 | 478576.3 | 3743359.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002820 | 0 | 0.10430E-06 | 478567.7 | 3743359.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002821 | 0 | 0.10430E-06 | 478559.1 | 3743359.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002822 | 0 | 0.10430E-06 | 478550.5 | 3743359.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002823 | 0 | 0.10430E-06 | 478541.9 | 3743359.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002824 | 0 | 0.10430E-06 | 478533.3 | 3743360.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002825 | 0 | 0.10430E-06 | 478524.7 | 3743360.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002826 | 0 | 0.10430E-06 | 478516.1 | 3743360.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002827 | 0 | 0.10430E-06 | 478507.5 | 3743360.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002828 | 0 | 0.10430E-06 | 478499.0 | 3743360.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated *** 11:20:39
PAGE 7

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002829 | 0 | 0.10430E-06 | 478490.4 | 3743360.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002830 | 0 | 0.10430E-06 | 478481.8 | 3743360.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002831 | 0 | 0.10430E-06 | 478473.2 | 3743360.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002832 | 0 | 0.10430E-06 | 478464.6 | 3743361.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002833 | 0 | 0.10430E-06 | 478456.0 | 3743361.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002834 | 0 | 0.10430E-06 | 478447.4 | 3743361.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002835 | 0 | 0.10430E-06 | 478438.8 | 3743361.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002836 | 0 | 0.10430E-06 | 478430.2 | 3743361.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002837 | 0 | 0.10430E-06 | 478421.7 | 3743361.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002838 | 0 | 0.10430E-06 | 478413.1 | 3743361.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002839 | 0 | 0.10430E-06 | 478404.5 | 3743361.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002840 | 0 | 0.10430E-06 | 478395.9 | 3743362.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002841 | 0 | 0.10430E-06 | 478387.3 | 3743362.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002842 | 0 | 0.10430E-06 | 478378.7 | 3743362.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002843 | 0 | 0.10430E-06 | 478370.1 | 3743362.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002844 | 0 | 0.10430E-06 | 478361.5 | 3743362.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002845 | 0 | 0.10430E-06 | 478352.9 | 3743362.6 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002846 | 0 | 0.10430E-06 | 478344.4 | 3743362.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002847 | 0 | 0.10430E-06 | 478335.8 | 3743362.8 | 446.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002848 | 0 | 0.10430E-06 | 478327.2 | 3743363.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002849 | 0 | 0.10430E-06 | 478318.6 | 3743363.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002850 | 0 | 0.10430E-06 | 478310.0 | 3743363.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002851 | 0 | 0.10430E-06 | 478301.4 | 3743363.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002852 | 0 | 0.10430E-06 | 478292.8 | 3743363.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002853 | 0 | 0.10430E-06 | 478284.2 | 3743363.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002854 | 0 | 0.10430E-06 | 478275.6 | 3743363.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002855 | 0 | 0.97280E-07 | 478273.8 | 3743351.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002856 | 0 | 0.97280E-07 | 478273.7 | 3743343.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002857 | 0 | 0.97280E-07 | 478273.7 | 3743334.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002858 | 0 | 0.97280E-07 | 478273.7 | 3743325.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002859 | 0 | 0.97280E-07 | 478273.7 | 3743317.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002860 | 0 | 0.97280E-07 | 478273.7 | 3743308.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002861 | 0 | 0.97280E-07 | 478273.7 | 3743300.0 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002862 | 0 | 0.97280E-07 | 478273.7 | 3743291.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002863 | 0 | 0.97280E-07 | 478273.7 | 3743282.8 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002864 | 0 | 0.97280E-07 | 478273.7 | 3743274.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002865 | 0 | 0.97280E-07 | 478273.7 | 3743265.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002866 | 0 | 0.97280E-07 | 478273.7 | 3743257.1 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002867 | 0 | 0.97280E-07 | 478273.6 | 3743248.5 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002868 | 0 | 0.97280E-07 | 478273.6 | 3743239.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 PAGE 8

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002869 | 0 | 0.97280E-07 | 478273.6 | 3743231.3 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002870 | 0 | 0.97280E-07 | 478273.6 | 3743222.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002871 | 0 | 0.97280E-07 | 478273.6 | 3743214.1 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002872 | 0 | 0.97280E-07 | 478273.6 | 3743205.5 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002873 | 0 | 0.97280E-07 | 478273.6 | 3743196.9 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002874 | 0 | 0.97280E-07 | 478273.6 | 3743188.3 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002875 | 0 | 0.97280E-07 | 478273.6 | 3743179.7 | 446.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002876 | 0 | 0.97280E-07 | 478273.6 | 3743171.2 | 446.7 | 3.49 | 4.00 | 3.25 | YES | |
| L0002877 | 0 | 0.97280E-07 | 478273.5 | 3743162.6 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002878 | 0 | 0.97280E-07 | 478273.5 | 3743154.0 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002879 | 0 | 0.97280E-07 | 478273.5 | 3743145.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002880 | 0 | 0.97280E-07 | 478273.5 | 3743136.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002881 | 0 | 0.97280E-07 | 478273.5 | 3743128.2 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002882 | 0 | 0.97280E-07 | 478273.5 | 3743119.6 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002883 | 0 | 0.97280E-07 | 478273.5 | 3743111.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002884 | 0 | 0.97280E-07 | 478273.5 | 3743102.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002885 | 0 | 0.97280E-07 | 478273.5 | 3743093.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002886 | 0 | 0.97280E-07 | 478273.5 | 3743085.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002887 | 0 | 0.97280E-07 | 478273.4 | 3743076.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002888 | 0 | 0.97280E-07 | 478273.4 | 3743068.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002889 | 0 | 0.97280E-07 | 478273.4 | 3743059.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002890 | 0 | 0.97280E-07 | 478273.4 | 3743050.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002891 | 0 | 0.97280E-07 | 478273.4 | 3743042.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002892 | 0 | 0.97280E-07 | 478273.4 | 3743033.7 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002893 | 0 | 0.97280E-07 | 478273.4 | 3743025.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002894 | 0 | 0.97280E-07 | 478273.4 | 3743016.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002895 | 0 | 0.97280E-07 | 478273.4 | 3743007.9 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002896 | 0 | 0.97280E-07 | 478273.4 | 3742999.4 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002897 | 0 | 0.97280E-07 | 478273.3 | 3742990.8 | 445.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002898 | 0 | 0.97280E-07 | 478273.3 | 3742982.2 | 445.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002899 | 0 | 0.97280E-07 | 478273.3 | 3742973.6 | 445.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002900 | 0 | 0.97280E-07 | 478273.3 | 3742965.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002901 | 0 | 0.97280E-07 | 478273.3 | 3742956.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002902 | 0 | 0.97280E-07 | 478273.3 | 3742947.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002903 | 0 | 0.97280E-07 | 478273.3 | 3742939.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002904 | 0 | 0.97280E-07 | 478273.3 | 3742930.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002905 | 0 | 0.97280E-07 | 478273.3 | 3742922.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002906 | 0 | 0.97280E-07 | 478273.3 | 3742913.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002907 | 0 | 0.97280E-07 | 478273.3 | 3742904.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002908 | 0 | 0.97280E-07 | 478273.2 | 3742896.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002909 | 0 | 0.97280E-07 | 478273.2 | 3742887.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002910 | 0 | 0.97280E-07 | 478273.2 | 3742879.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002911 | 0 | 0.97280E-07 | 478273.2 | 3742870.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002912 | 0 | 0.97280E-07 | 478273.2 | 3742861.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002913 | 0 | 0.97280E-07 | 478273.2 | 3742853.3 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002914 | 0 | 0.97280E-07 | 478273.2 | 3742844.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002915 | 0 | 0.97280E-07 | 478273.2 | 3742836.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002916 | 0 | 0.97280E-07 | 478273.2 | 3742827.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002917 | 0 | 0.97280E-07 | 478273.2 | 3742819.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002918 | 0 | 0.97280E-07 | 478273.1 | 3742810.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002919 | 0 | 0.97280E-07 | 478273.1 | 3742801.8 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002920 | 0 | 0.97280E-07 | 478273.1 | 3742793.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002921 | 0 | 0.97280E-07 | 478273.1 | 3742784.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002922 | 0 | 0.97280E-07 | 478273.1 | 3742776.0 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002923 | 0 | 0.97280E-07 | 478273.1 | 3742767.4 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002924 | 0 | 0.97280E-07 | 478273.1 | 3742758.8 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002925 | 0 | 0.97280E-07 | 478273.1 | 3742750.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002926 | 0 | 0.97280E-07 | 478273.1 | 3742741.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002927 | 0 | 0.97280E-07 | 478273.1 | 3742733.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002928 | 0 | 0.97280E-07 | 478273.0 | 3742724.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002929 | 0 | 0.97280E-07 | 478273.0 | 3742715.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002930 | 0 | 0.97280E-07 | 478273.0 | 3742707.3 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002931 | 0 | 0.97280E-07 | 478273.0 | 3742698.7 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002932 | 0 | 0.97280E-07 | 478273.0 | 3742690.1 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002933 | 0 | 0.97280E-07 | 478273.0 | 3742681.5 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002934 | 0 | 0.97280E-07 | 478273.0 | 3742672.9 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002935 | 0 | 0.97280E-07 | 478273.0 | 3742664.3 | 444.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002936 | 0 | 0.97280E-07 | 478273.0 | 3742655.8 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002937 | 0 | 0.97280E-07 | 478273.0 | 3742647.2 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002938 | 0 | 0.97280E-07 | 478273.0 | 3742638.6 | 444.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002939 | 0 | 0.97280E-07 | 478272.9 | 3742630.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002940 | 0 | 0.97280E-07 | 478272.9 | 3742621.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002941 | 0 | 0.97280E-07 | 478272.9 | 3742612.8 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002942 | 0 | 0.97280E-07 | 478272.9 | 3742604.2 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002943 | 0 | 0.97280E-07 | 478272.9 | 3742595.6 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002944 | 0 | 0.97280E-07 | 478272.9 | 3742587.0 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002945 | 0 | 0.97280E-07 | 478272.9 | 3742578.4 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002946 | 0 | 0.97280E-07 | 478272.9 | 3742569.9 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002947 | 0 | 0.97280E-07 | 478272.9 | 3742561.3 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002948 | 0 | 0.96550E-07 | 478268.6 | 3742551.5 | 444.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** ** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** ** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0002949 | 0 | 0.96550E-07 | 478260.0 | 3742551.7 | 444.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002950 | 0 | 0.96550E-07 | 478251.4 | 3742552.0 | 444.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002951 | 0 | 0.96550E-07 | 478242.8 | 3742552.2 | 444.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002952 | 0 | 0.96550E-07 | 478234.2 | 3742552.5 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002953 | 0 | 0.96550E-07 | 478225.6 | 3742552.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002954 | 0 | 0.96550E-07 | 478217.1 | 3742552.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002955 | 0 | 0.96550E-07 | 478208.5 | 3742553.2 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002956 | 0 | 0.96550E-07 | 478199.9 | 3742553.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002957 | 0 | 0.96550E-07 | 478191.3 | 3742553.7 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002958 | 0 | 0.96550E-07 | 478182.7 | 3742553.9 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002959 | 0 | 0.96550E-07 | 478174.1 | 3742554.1 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002960 | 0 | 0.96550E-07 | 478165.5 | 3742554.4 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002961 | 0 | 0.96550E-07 | 478156.9 | 3742554.6 | 445.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002962 | 0 | 0.96550E-07 | 478148.4 | 3742554.9 | 445.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002963 | 0 | 0.96550E-07 | 478139.8 | 3742555.1 | 445.3 | 3.49 | 4.00 | 3.25 | YES | |
| L0002964 | 0 | 0.96550E-07 | 478131.2 | 3742555.3 | 445.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002965 | 0 | 0.96550E-07 | 478122.6 | 3742555.6 | 445.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002966 | 0 | 0.96550E-07 | 478114.0 | 3742555.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002967 | 0 | 0.96550E-07 | 478105.4 | 3742556.1 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002968 | 0 | 0.96550E-07 | 478096.8 | 3742556.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002969 | 0 | 0.96550E-07 | 478088.3 | 3742556.5 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002970 | 0 | 0.96550E-07 | 478079.7 | 3742556.8 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002971 | 0 | 0.96550E-07 | 478071.1 | 3742557.0 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002972 | 0 | 0.96550E-07 | 478062.5 | 3742557.3 | 446.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002973 | 0 | 0.96550E-07 | 478053.9 | 3742557.5 | 446.2 | 3.49 | 4.00 | 3.25 | YES | |
| L0002974 | 0 | 0.96550E-07 | 478045.3 | 3742557.7 | 446.5 | 3.49 | 4.00 | 3.25 | YES | |
| L0002975 | 0 | 0.96550E-07 | 478036.7 | 3742558.0 | 446.8 | 3.49 | 4.00 | 3.25 | YES | |
| L0002976 | 0 | 0.96550E-07 | 478028.1 | 3742558.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002977 | 0 | 0.96550E-07 | 478019.6 | 3742558.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002978 | 0 | 0.96550E-07 | 478011.0 | 3742558.7 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002979 | 0 | 0.96550E-07 | 478002.4 | 3742558.9 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002980 | 0 | 0.96550E-07 | 477993.8 | 3742559.2 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002981 | 0 | 0.96550E-07 | 477985.2 | 3742559.4 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002982 | 0 | 0.96550E-07 | 477976.6 | 3742559.6 | 447.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002983 | 0 | 0.96550E-07 | 477968.0 | 3742559.9 | 447.1 | 3.49 | 4.00 | 3.25 | YES | |
| L0002984 | 0 | 0.96550E-07 | 477959.5 | 3742560.1 | 447.4 | 3.49 | 4.00 | 3.25 | YES | |
| L0002985 | 0 | 0.96550E-07 | 477950.9 | 3742560.4 | 447.6 | 3.49 | 4.00 | 3.25 | YES | |
| L0002986 | 0 | 0.96550E-07 | 477942.3 | 3742560.6 | 447.9 | 3.49 | 4.00 | 3.25 | YES | |
| L0002987 | 0 | 0.96550E-07 | 477933.7 | 3742560.8 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0002988 | 0 | 0.96550E-07 | 477925.1 | 3742561.1 | 448.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|-----------|--------------------|---------------------------|------------|------------|---------------------|-------------------------|-------------------|-------------------|--------------|------------------------------|
| L0003069 | 0 | 0.21050E-06 | 480078.2 | 3743302.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003070 | 0 | 0.21050E-06 | 480078.3 | 3743311.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003071 | 0 | 0.21050E-06 | 480078.4 | 3743319.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003072 | 0 | 0.11430E-05 | 480052.7 | 3743073.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003073 | 0 | 0.11430E-05 | 480052.8 | 3743081.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003074 | 0 | 0.11430E-05 | 480052.9 | 3743090.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003075 | 0 | 0.11430E-05 | 480053.0 | 3743098.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003076 | 0 | 0.11430E-05 | 480053.1 | 3743107.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003077 | 0 | 0.11430E-05 | 480053.2 | 3743116.1 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003078 | 0 | 0.11430E-05 | 480053.3 | 3743124.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003079 | 0 | 0.11430E-05 | 480053.4 | 3743133.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003080 | 0 | 0.11430E-05 | 480053.5 | 3743141.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003081 | 0 | 0.11430E-05 | 480053.6 | 3743150.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003082 | 0 | 0.11430E-05 | 480053.7 | 3743159.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003083 | 0 | 0.11430E-05 | 480053.8 | 3743167.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003084 | 0 | 0.11430E-05 | 480053.8 | 3743176.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003085 | 0 | 0.11430E-05 | 480053.9 | 3743184.8 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003086 | 0 | 0.11430E-05 | 480054.0 | 3743193.4 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003087 | 0 | 0.11430E-05 | 480054.1 | 3743202.0 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003088 | 0 | 0.11430E-05 | 480054.2 | 3743210.6 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003089 | 0 | 0.11430E-05 | 480054.3 | 3743219.2 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003090 | 0 | 0.11430E-05 | 480054.4 | 3743227.7 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003091 | 0 | 0.11430E-05 | 480054.5 | 3743236.3 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003092 | 0 | 0.11430E-05 | 480054.6 | 3743244.9 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |
| L0003093 | 0 | 0.11430E-05 | 480054.7 | 3743253.5 | 439.0 | 3.49 | 4.00 | 3.25 | YES | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|---|--|
| ----- | ----- | | | | | | | | | |
| ALL | L0002629 | , L0002630 | , L0002631 | , L0002632 | , L0002633 | , L0002634 | , L0002635 | , L0002636 | , | |
| | L0002637 | , L0002638 | , L0002639 | , L0002640 | , L0002641 | , L0002642 | , L0002643 | , L0002644 | , | |
| | L0002645 | , L0002646 | , L0002647 | , L0002648 | , L0002649 | , L0002650 | , L0002651 | , L0002652 | , | |
| | L0002653 | , L0002654 | , L0002655 | , L0002656 | , L0002657 | , L0002658 | , L0002659 | , L0002660 | , | |
| | L0002661 | , L0002662 | , L0002663 | , L0002664 | , L0002665 | , L0002666 | , L0002667 | , L0002668 | , | |
| | L0002669 | , L0002670 | , L0002671 | , L0002672 | , L0002673 | , L0002674 | , L0002675 | , L0002676 | , | |
| | L0002677 | , L0002678 | , L0002679 | , L0002680 | , L0002681 | , L0002682 | , L0002683 | , L0002684 | , | |
| | L0002685 | , L0002686 | , L0002687 | , L0002688 | , L0002689 | , L0002690 | , L0002691 | , L0002692 | , | |
| | L0002693 | , L0002694 | , L0002695 | , L0002696 | , L0002697 | , L0002698 | , L0002699 | , L0002700 | , | |
| | L0002701 | , L0002702 | , L0002703 | , L0002704 | , L0002705 | , L0002706 | , L0002707 | , L0002708 | , | |
| | L0002709 | , L0002710 | , L0002711 | , L0002712 | , L0002713 | , L0002714 | , L0002715 | , L0002716 | , | |
| | L0002717 | , L0002718 | , L0002719 | , L0002720 | , L0002721 | , L0002722 | , L0002723 | , L0002724 | , | |
| | L0002725 | , L0002726 | , L0002727 | , L0002728 | , L0002729 | , L0002730 | , L0002731 | , L0002732 | , | |
| | L0002733 | , L0002734 | , L0002735 | , L0002736 | , L0002737 | , L0002738 | , L0002739 | , L0002740 | , | |
| | L0002741 | , L0002742 | , L0002743 | , L0002744 | , L0002745 | , L0002746 | , L0002747 | , L0002748 | , | |
| | L0002749 | , L0002750 | , L0002751 | , L0002752 | , L0002753 | , L0002754 | , L0002755 | , L0002756 | , | |
| | L0002757 | , L0002758 | , L0002759 | , L0002760 | , L0002761 | , L0002762 | , L0002763 | , L0002764 | , | |
| | L0002765 | , L0002766 | , L0002767 | , L0002768 | , L0002769 | , L0002770 | , L0002771 | , L0002772 | , | |
| | L0002773 | , L0002774 | , L0002775 | , L0002776 | , L0002777 | , L0002778 | , L0002779 | , L0002780 | , | |
| | L0002781 | , L0002782 | , L0002783 | , L0002784 | , L0002785 | , L0002786 | , L0002787 | , L0002788 | , | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002789 | , | L0002790 | , | L0002791 | , | L0002792 | , | L0002793 | , | L0002794 | , | L0002795 | , | L0002796 | , |
| L0002797 | , | L0002798 | , | L0002799 | , | L0002800 | , | L0002801 | , | L0002802 | , | L0002803 | , | L0002804 | , |
| L0002805 | , | L0002806 | , | L0002807 | , | L0002808 | , | L0002809 | , | L0002810 | , | L0002811 | , | L0002812 | , |
| L0002813 | , | L0002814 | , | L0002815 | , | L0002816 | , | L0002817 | , | L0002818 | , | L0002819 | , | L0002820 | , |
| L0002821 | , | L0002822 | , | L0002823 | , | L0002824 | , | L0002825 | , | L0002826 | , | L0002827 | , | L0002828 | , |
| L0002829 | , | L0002830 | , | L0002831 | , | L0002832 | , | L0002833 | , | L0002834 | , | L0002835 | , | L0002836 | , |
| L0002837 | , | L0002838 | , | L0002839 | , | L0002840 | , | L0002841 | , | L0002842 | , | L0002843 | , | L0002844 | , |
| L0002845 | , | L0002846 | , | L0002847 | , | L0002848 | , | L0002849 | , | L0002850 | , | L0002851 | , | L0002852 | , |
| L0002853 | , | L0002854 | , | L0002855 | , | L0002856 | , | L0002857 | , | L0002858 | , | L0002859 | , | L0002860 | , |
| L0002861 | , | L0002862 | , | L0002863 | , | L0002864 | , | L0002865 | , | L0002866 | , | L0002867 | , | L0002868 | , |
| L0002869 | , | L0002870 | , | L0002871 | , | L0002872 | , | L0002873 | , | L0002874 | , | L0002875 | , | L0002876 | , |
| L0002877 | , | L0002878 | , | L0002879 | , | L0002880 | , | L0002881 | , | L0002882 | , | L0002883 | , | L0002884 | , |
| L0002885 | , | L0002886 | , | L0002887 | , | L0002888 | , | L0002889 | , | L0002890 | , | L0002891 | , | L0002892 | , |
| L0002893 | , | L0002894 | , | L0002895 | , | L0002896 | , | L0002897 | , | L0002898 | , | L0002899 | , | L0002900 | , |
| L0002901 | , | L0002902 | , | L0002903 | , | L0002904 | , | L0002905 | , | L0002906 | , | L0002907 | , | L0002908 | , |
| L0002909 | , | L0002910 | , | L0002911 | , | L0002912 | , | L0002913 | , | L0002914 | , | L0002915 | , | L0002916 | , |
| L0002917 | , | L0002918 | , | L0002919 | , | L0002920 | , | L0002921 | , | L0002922 | , | L0002923 | , | L0002924 | , |
| L0002925 | , | L0002926 | , | L0002927 | , | L0002928 | , | L0002929 | , | L0002930 | , | L0002931 | , | L0002932 | , |
| L0002933 | , | L0002934 | , | L0002935 | , | L0002936 | , | L0002937 | , | L0002938 | , | L0002939 | , | L0002940 | , |
| L0002941 | , | L0002942 | , | L0002943 | , | L0002944 | , | L0002945 | , | L0002946 | , | L0002947 | , | L0002948 | , |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs | | | | | | | | | | | | | | |
|-------------|------------|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|----------|---|
| ----- | ----- | | | | | | | | | | | | | | |
| L0002949 | , | L0002950 | , | L0002951 | , | L0002952 | , | L0002953 | , | L0002954 | , | L0002955 | , | L0002956 | , |
| L0002957 | , | L0002958 | , | L0002959 | , | L0002960 | , | L0002961 | , | L0002962 | , | L0002963 | , | L0002964 | , |
| L0002965 | , | L0002966 | , | L0002967 | , | L0002968 | , | L0002969 | , | L0002970 | , | L0002971 | , | L0002972 | , |
| L0002973 | , | L0002974 | , | L0002975 | , | L0002976 | , | L0002977 | , | L0002978 | , | L0002979 | , | L0002980 | , |
| L0002981 | , | L0002982 | , | L0002983 | , | L0002984 | , | L0002985 | , | L0002986 | , | L0002987 | , | L0002988 | , |
| L0002989 | , | L0002990 | , | L0002991 | , | L0002992 | , | L0002993 | , | L0002994 | , | L0002995 | , | L0002996 | , |
| L0002997 | , | L0002998 | , | L0002999 | , | L0003000 | , | L0003001 | , | L0003002 | , | L0003003 | , | L0003004 | , |
| L0003005 | , | L0003006 | , | L0003007 | , | L0003008 | , | L0003009 | , | L0003010 | , | L0003011 | , | L0003012 | , |
| L0003013 | , | L0003014 | , | L0003015 | , | L0003016 | , | L0003017 | , | L0003018 | , | L0003019 | , | L0003020 | , |
| L0003021 | , | L0003022 | , | L0003023 | , | L0003024 | , | L0003025 | , | L0003026 | , | L0003027 | , | L0003028 | , |
| L0003029 | , | L0003030 | , | L0003031 | , | L0003032 | , | L0003033 | , | L0003034 | , | L0003035 | , | L0003036 | , |
| L0003037 | , | L0003038 | , | L0003039 | , | L0003040 | , | L0003041 | , | L0003042 | , | L0003043 | , | L0003044 | , |
| L0003045 | , | L0003046 | , | L0003047 | , | L0003048 | , | L0003049 | , | L0003050 | , | L0003051 | , | L0003052 | , |
| L0003053 | , | L0003054 | , | L0003055 | , | L0003056 | , | L0003057 | , | L0003058 | , | L0003059 | , | L0003060 | , |
| L0003061 | , | L0003062 | , | L0003063 | , | L0003064 | , | L0003065 | , | L0003066 | , | L0003067 | , | L0003068 | , |
| L0003069 | , | L0003070 | , | L0003071 | , | L0003072 | , | L0003073 | , | L0003074 | , | L0003075 | , | L0003076 | , |
| L0003077 | , | L0003078 | , | L0003079 | , | L0003080 | , | L0003081 | , | L0003082 | , | L0003083 | , | L0003084 | , |
| L0003085 | , | L0003086 | , | L0003087 | , | L0003088 | , | L0003089 | , | L0003090 | , | L0003091 | , | L0003092 | , |
| L0003093 | , | | | | | | | | | | | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0002636 | 2189641. | L0002629 | , L0002630 | , L0002631 | , L0002632 | , L0002633 | , L0002634 | , L0002635 | , | |
| | | L0002637 | , L0002638 | , L0002639 | , L0002640 | , L0002641 | , L0002642 | , L0002643 | , L0002644 | , |
| | | L0002645 | , L0002646 | , L0002647 | , L0002648 | , L0002649 | , L0002650 | , L0002651 | , L0002652 | , |
| | | L0002653 | , L0002654 | , L0002655 | , L0002656 | , L0002657 | , L0002658 | , L0002659 | , L0002660 | , |
| | | L0002661 | , L0002662 | , L0002663 | , L0002664 | , L0002665 | , L0002666 | , L0002667 | , L0002668 | , |
| | | L0002669 | , L0002670 | , L0002671 | , L0002672 | , L0002673 | , L0002674 | , L0002675 | , L0002676 | , |
| | | L0002677 | , L0002678 | , L0002679 | , L0002680 | , L0002681 | , L0002682 | , L0002683 | , L0002684 | , |
| | | L0002685 | , L0002686 | , L0002687 | , L0002688 | , L0002689 | , L0002690 | , L0002691 | , L0002692 | , |
| | | L0002693 | , L0002694 | , L0002695 | , L0002696 | , L0002697 | , L0002698 | , L0002699 | , L0002700 | , |
| | | L0002701 | , L0002702 | , L0002703 | , L0002704 | , L0002705 | , L0002706 | , L0002707 | , L0002708 | , |
| | | L0002709 | , L0002710 | , L0002711 | , L0002712 | , L0002713 | , L0002714 | , L0002715 | , L0002716 | , |
| | | L0002717 | , L0002718 | , L0002719 | , L0002720 | , L0002721 | , L0002722 | , L0002723 | , L0002724 | , |
| | | L0002725 | , L0002726 | , L0002727 | , L0002728 | , L0002729 | , L0002730 | , L0002731 | , L0002732 | , |
| | | L0002733 | , L0002734 | , L0002735 | , L0002736 | , L0002737 | , L0002738 | , L0002739 | , L0002740 | , |
| | | L0002741 | , L0002742 | , L0002743 | , L0002744 | , L0002745 | , L0002746 | , L0002747 | , L0002748 | , |
| | | L0002749 | , L0002750 | , L0002751 | , L0002752 | , L0002753 | , L0002754 | , L0002755 | , L0002756 | , |
| | | L0002757 | , L0002758 | , L0002759 | , L0002760 | , L0002761 | , L0002762 | , L0002763 | , L0002764 | , |
| | | L0002765 | , L0002766 | , L0002767 | , L0002768 | , L0002769 | , L0002770 | , L0002771 | , L0002772 | , |
| | | L0002773 | , L0002774 | , L0002775 | , L0002776 | , L0002777 | , L0002778 | , L0002779 | , L0002780 | , |
| | | L0002781 | , L0002782 | , L0002783 | , L0002784 | , L0002785 | , L0002786 | , L0002787 | , L0002788 | , |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | | | | |
|----------|-----------|------------|------------|------------|------------|------------|------------|------------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0002789 | | , L0002790 | , L0002791 | , L0002792 | , L0002793 | , L0002794 | , L0002795 | , L0002796 | , |
| L0002797 | | , L0002798 | , L0002799 | , L0002800 | , L0002801 | , L0002802 | , L0002803 | , L0002804 | , |
| L0002805 | | , L0002806 | , L0002807 | , L0002808 | , L0002809 | , L0002810 | , L0002811 | , L0002812 | , |
| L0002813 | | , L0002814 | , L0002815 | , L0002816 | , L0002817 | , L0002818 | , L0002819 | , L0002820 | , |
| L0002821 | | , L0002822 | , L0002823 | , L0002824 | , L0002825 | , L0002826 | , L0002827 | , L0002828 | , |
| L0002829 | | , L0002830 | , L0002831 | , L0002832 | , L0002833 | , L0002834 | , L0002835 | , L0002836 | , |
| L0002837 | | , L0002838 | , L0002839 | , L0002840 | , L0002841 | , L0002842 | , L0002843 | , L0002844 | , |
| L0002845 | | , L0002846 | , L0002847 | , L0002848 | , L0002849 | , L0002850 | , L0002851 | , L0002852 | , |
| L0002853 | | , L0002854 | , L0002855 | , L0002856 | , L0002857 | , L0002858 | , L0002859 | , L0002860 | , |
| L0002861 | | , L0002862 | , L0002863 | , L0002864 | , L0002865 | , L0002866 | , L0002867 | , L0002868 | , |
| L0002869 | | , L0002870 | , L0002871 | , L0002872 | , L0002873 | , L0002874 | , L0002875 | , L0002876 | , |
| L0002877 | | , L0002878 | , L0002879 | , L0002880 | , L0002881 | , L0002882 | , L0002883 | , L0002884 | , |
| L0002885 | | , L0002886 | , L0002887 | , L0002888 | , L0002889 | , L0002890 | , L0002891 | , L0002892 | , |
| L0002893 | | , L0002894 | , L0002895 | , L0002896 | , L0002897 | , L0002898 | , L0002899 | , L0002900 | , |
| L0002901 | | , L0002902 | , L0002903 | , L0002904 | , L0002905 | , L0002906 | , L0002907 | , L0002908 | , |
| L0002909 | | , L0002910 | , L0002911 | , L0002912 | , L0002913 | , L0002914 | , L0002915 | , L0002916 | , |
| L0002917 | | , L0002918 | , L0002919 | , L0002920 | , L0002921 | , L0002922 | , L0002923 | , L0002924 | , |
| L0002925 | | , L0002926 | , L0002927 | , L0002928 | , L0002929 | , L0002930 | , L0002931 | , L0002932 | , |
| L0002933 | | , L0002934 | , L0002935 | , L0002936 | , L0002937 | , L0002938 | , L0002939 | , L0002940 | , |
| L0002941 | | , L0002942 | , L0002943 | , L0002944 | , L0002945 | , L0002946 | , L0002947 | , L0002948 | , |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID ----- | URBAN POP ----- | SOURCE IDs ----- | | | | | | | |
|-------------------|--------------------|---------------------|------------|------------|------------|------------|------------|------------|---|
| L0002949 | | , L0002950 | , L0002951 | , L0002952 | , L0002953 | , L0002954 | , L0002955 | , L0002956 | , |
| L0002957 | | , L0002958 | , L0002959 | , L0002960 | , L0002961 | , L0002962 | , L0002963 | , L0002964 | , |
| L0002965 | | , L0002966 | , L0002967 | , L0002968 | , L0002969 | , L0002970 | , L0002971 | , L0002972 | , |
| L0002973 | | , L0002974 | , L0002975 | , L0002976 | , L0002977 | , L0002978 | , L0002979 | , L0002980 | , |
| L0002981 | | , L0002982 | , L0002983 | , L0002984 | , L0002985 | , L0002986 | , L0002987 | , L0002988 | , |
| L0002989 | | , L0002990 | , L0002991 | , L0002992 | , L0002993 | , L0002994 | , L0002995 | , L0002996 | , |
| L0002997 | | , L0002998 | , L0002999 | , L0003000 | , L0003001 | , L0003002 | , L0003003 | , L0003004 | , |
| L0003005 | | , L0003006 | , L0003007 | , L0003008 | , L0003009 | , L0003010 | , L0003011 | , L0003012 | , |
| L0003013 | | , L0003014 | , L0003015 | , L0003016 | , L0003017 | , L0003018 | , L0003019 | , L0003020 | , |
| L0003021 | | , L0003022 | , L0003023 | , L0003024 | , L0003025 | , L0003026 | , L0003027 | , L0003028 | , |
| L0003029 | | , L0003030 | , L0003031 | , L0003032 | , L0003033 | , L0003034 | , L0003035 | , L0003036 | , |
| L0003037 | | , L0003038 | , L0003039 | , L0003040 | , L0003041 | , L0003042 | , L0003043 | , L0003044 | , |
| L0003045 | | , L0003046 | , L0003047 | , L0003048 | , L0003049 | , L0003050 | , L0003051 | , L0003052 | , |
| L0003053 | | , L0003054 | , L0003055 | , L0003056 | , L0003057 | , L0003058 | , L0003059 | , L0003060 | , |
| L0003061 | | , L0003062 | , L0003063 | , L0003064 | , L0003065 | , L0003066 | , L0003067 | , L0003068 | , |
| L0003069 | | , L0003070 | , L0003071 | , L0003072 | , L0003073 | , L0003074 | , L0003075 | , L0003076 | , |
| L0003077 | | , L0003078 | , L0003079 | , L0003080 | , L0003081 | , L0003082 | , L0003083 | , L0003084 | , |
| L0003085 | | , L0003086 | , L0003087 | , L0003088 | , L0003089 | , L0003090 | , L0003091 | , L0003092 | , |
| L0003093 | | , | | | | | | | |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

477399.1, 477449.1, 477499.1, 477549.1, 477599.1, 477649.1, 477699.1, 477749.1, 477799.1, 477849.1,
477899.1, 477949.1, 477999.1, 478049.1, 478099.1, 478149.1, 478199.1, 478249.1, 478299.1, 478349.1,
478399.1, 478449.1, 478499.1, 478549.1, 478599.1, 478649.1, 478699.1, 478749.1, 478799.1, 478849.1,
478899.1, 478949.1, 478999.1, 479049.1, 479099.1, 479149.1, 479199.1, 479249.1, 479299.1, 479349.1,
479399.1, 479449.1, 479499.1, 479549.1, 479599.1, 479649.1, 479699.1, 479749.1, 479799.1, 479849.1,
479899.1, 479949.1, 479999.1, 480049.1, 480099.1, 480149.1, 480199.1, 480249.1, 480299.1, 480349.1,
480399.1, 480449.1, 480499.1, 480549.1, 480599.1, 480649.1, 480699.1, 480749.1, 480799.1, 480849.1,
480899.1, 480949.1,

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

3741964.3, 3742014.3, 3742064.3, 3742114.3, 3742164.3, 3742214.3, 3742264.3, 3742314.3, 3742364.3, 3742414.3,
3742464.3, 3742514.3, 3742564.3, 3742614.3, 3742664.3, 3742714.3, 3742764.3, 3742814.3, 3742864.3, 3742914.3,
3742964.3, 3743014.3, 3743064.3, 3743114.3, 3743164.3, 3743214.3, 3743264.3, 3743314.3, 3743364.3, 3743414.3,
3743464.3, 3743514.3, 3743564.3, 3743614.3, 3743664.3, 3743714.3, 3743764.3, 3743814.3,

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 477549.08 | 477599.08 | | | | |
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 461.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 461.00 | 460.30 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 461.00 | 460.40 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 22

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 23

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478299.08 | 478349.08 | 478399.08 | X-COORD (METERS) | | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
|---------------------|-----------|-----------|-----------|------------------|--------|-----------|-----------|-----------|-----------|
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 24

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 25

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479199.08 | 479249.08 | 479299.08 | X-COORD (METERS) | | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | 479349.08 | 479399.08 | | | | |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 26

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 27

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** ** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** ** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
*** 11:20:39
*** PAGE 28

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 440.00 | 440.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 440.00 | 440.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 | 440.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.20 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.30 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
*** 11:20:39
*** PAGE 29

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | 477549.08 | 477599.08 | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 454.00 | 453.40 | 452.20 | 452.00 | 451.50 | 451.30 | 451.30 | 451.00 | 451.00 |
| 3743764.29 | 454.00 | 453.00 | 451.60 | 451.60 | 451.00 | 451.00 | 451.00 | 451.00 | 451.00 |
| 3743714.29 | 454.00 | 453.40 | 451.40 | 452.10 | 452.10 | 452.10 | 452.10 | 451.50 | 451.00 |
| 3743664.29 | 454.00 | 453.40 | 453.80 | 454.00 | 454.00 | 454.00 | 454.00 | 452.60 | 451.20 |
| 3743614.29 | 454.00 | 453.00 | 454.00 | 454.00 | 453.60 | 452.30 | 451.60 | 451.00 | 451.00 |
| 3743564.29 | 454.00 | 453.40 | 453.00 | 453.00 | 452.30 | 451.70 | 451.00 | 450.00 | 450.00 |
| 3743514.29 | 454.00 | 453.40 | 453.00 | 452.30 | 452.00 | 451.00 | 451.00 | 450.40 | 450.00 |
| 3743464.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743414.29 | 454.00 | 453.40 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743364.29 | 454.00 | 453.40 | 453.00 | 452.00 | 451.50 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743314.29 | 454.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743264.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743214.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 451.00 | 450.00 | 450.00 |
| 3743164.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.70 | 451.00 | 450.60 | 450.00 | 450.00 |
| 3743114.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 451.00 | 450.00 | 450.00 | 450.00 |
| 3743064.29 | 455.00 | 454.00 | 453.70 | 452.70 | 451.80 | 451.00 | 450.70 | 450.00 | 450.00 |
| 3743014.29 | 455.00 | 454.00 | 453.40 | 452.60 | 452.00 | 451.00 | 451.00 | 450.00 | 449.90 |
| 3742964.29 | 455.00 | 454.00 | 453.00 | 452.00 | 452.00 | 451.00 | 450.00 | 450.00 | 449.70 |
| 3742914.29 | 455.00 | 454.00 | 453.00 | 452.00 | 451.40 | 450.80 | 450.00 | 450.00 | 449.20 |
| 3742864.29 | 455.00 | 454.00 | 452.90 | 452.00 | 451.40 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742814.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.70 | 450.00 | 450.00 | 449.00 |
| 3742764.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.20 | 450.00 | 449.40 | 449.00 |
| 3742714.29 | 455.00 | 454.00 | 452.70 | 452.00 | 451.00 | 450.00 | 450.00 | 449.40 | 448.70 |
| 3742664.29 | 455.00 | 454.00 | 452.70 | 451.10 | 451.00 | 450.70 | 450.00 | 449.40 | 448.70 |
| 3742614.29 | 455.00 | 454.40 | 453.50 | 452.00 | 451.70 | 451.00 | 450.00 | 449.80 | 448.90 |
| 3742564.29 | 456.00 | 454.60 | 453.80 | 453.00 | 452.10 | 451.30 | 451.00 | 450.00 | 449.30 |
| 3742514.29 | 456.00 | 455.40 | 454.70 | 454.00 | 452.40 | 451.70 | 451.00 | 450.00 | 449.70 |
| 3742464.29 | 456.70 | 455.80 | 454.90 | 454.00 | 453.30 | 452.00 | 451.00 | 450.30 | 449.90 |
| 3742414.29 | 457.00 | 456.40 | 455.70 | 454.40 | 453.40 | 452.30 | 451.00 | 450.40 | 450.00 |
| 3742364.29 | 458.00 | 457.00 | 456.00 | 455.00 | 454.00 | 452.70 | 451.10 | 450.40 | 450.00 |
| 3742314.29 | 458.00 | 457.40 | 456.50 | 455.70 | 454.30 | 452.70 | 452.00 | 451.00 | 450.00 |
| 3742264.29 | 459.00 | 458.10 | 457.30 | 456.00 | 454.80 | 453.70 | 452.00 | 451.10 | 450.30 |
| 3742214.29 | 460.00 | 458.40 | 457.70 | 457.00 | 455.40 | 454.00 | 453.00 | 451.40 | 450.70 |
| 3742164.29 | 460.00 | 459.30 | 458.00 | 457.00 | 456.10 | 454.70 | 453.00 | 451.80 | 450.90 |
| 3742114.29 | 461.00 | 459.60 | 458.70 | 458.00 | 456.40 | 455.10 | 454.00 | 452.40 | 451.30 |
| 3742064.29 | 592.00 | 460.00 | 458.70 | 458.00 | 457.00 | 455.70 | 454.00 | 452.40 | 451.70 |
| 3742014.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.40 | 455.70 | 454.00 | 453.40 | 451.70 |
| 3741964.29 | 592.00 | 592.00 | 459.00 | 458.00 | 457.20 | 455.70 | 455.00 | 453.40 | 452.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 30

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 451.00 | 451.00 | 450.50 | 450.00 | 449.00 | 448.80 | 448.00 | 448.00 | 448.00 |
| 3743764.29 | 451.00 | 451.00 | 451.00 | 450.00 | 448.20 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743714.29 | 451.00 | 451.00 | 451.00 | 451.00 | 448.10 | 448.00 | 448.00 | 448.00 | 448.00 |
| 3743664.29 | 451.00 | 451.00 | 451.00 | 451.00 | 450.40 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743614.29 | 451.00 | 451.00 | 450.90 | 450.60 | 450.20 | 448.90 | 448.00 | 448.00 | 448.00 |
| 3743564.29 | 450.00 | 450.00 | 450.00 | 450.00 | 449.30 | 448.70 | 448.00 | 448.00 | 448.00 |
| 3743514.29 | 450.00 | 450.00 | 450.00 | 449.30 | 449.00 | 448.20 | 448.00 | 448.00 | 447.20 |
| 3743464.29 | 450.00 | 450.00 | 449.40 | 449.00 | 448.40 | 448.00 | 448.00 | 447.70 | 447.00 |
| 3743414.29 | 450.00 | 450.00 | 449.00 | 449.00 | 448.30 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743364.29 | 450.00 | 449.50 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.40 | 447.00 |
| 3743314.29 | 450.00 | 449.40 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743264.29 | 450.00 | 449.30 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743214.29 | 450.00 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 |
| 3743164.29 | 449.60 | 449.00 | 448.90 | 448.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.90 |
| 3743114.29 | 449.00 | 449.00 | 448.70 | 448.00 | 448.00 | 447.70 | 447.00 | 447.00 | 446.70 |
| 3743064.29 | 449.00 | 449.00 | 448.00 | 448.00 | 448.00 | 447.20 | 447.00 | 446.50 | 446.00 |
| 3743014.29 | 449.00 | 448.40 | 448.00 | 448.00 | 447.40 | 447.00 | 447.00 | 446.20 | 446.00 |
| 3742964.29 | 449.00 | 448.30 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.70 |
| 3742914.29 | 449.00 | 448.00 | 448.00 | 447.30 | 447.00 | 446.70 | 446.00 | 446.00 | 445.00 |
| 3742864.29 | 449.00 | 448.00 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.40 | 445.00 |
| 3742814.29 | 448.90 | 448.00 | 447.70 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742764.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3742714.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742664.29 | 448.00 | 448.00 | 447.00 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3742614.29 | 448.00 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742564.29 | 448.40 | 448.00 | 447.70 | 447.00 | 446.40 | 446.00 | 445.00 | 445.00 | 444.70 |
| 3742514.29 | 449.00 | 448.00 | 448.00 | 447.00 | 446.40 | 446.00 | 445.10 | 445.00 | 444.70 |
| 3742464.29 | 449.00 | 448.40 | 448.00 | 447.00 | 447.00 | 446.00 | 446.00 | 445.00 | 444.90 |
| 3742414.29 | 449.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.30 | 446.00 | 445.00 | 445.00 |
| 3742364.29 | 450.00 | 449.00 | 448.00 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742314.29 | 450.00 | 449.00 | 448.70 | 448.00 | 447.40 | 446.70 | 446.00 | 445.40 | 445.00 |
| 3742264.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742214.29 | 450.00 | 449.40 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742164.29 | 450.00 | 449.80 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742114.29 | 450.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 446.00 | 445.00 |
| 3742064.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3742014.29 | 451.00 | 450.00 | 449.00 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |
| 3741964.29 | 451.00 | 450.00 | 449.30 | 448.00 | 448.00 | 447.00 | 446.00 | 445.40 | 445.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 31

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 478299.08 | 478349.08 | 478399.08 | 478449.08 | 478499.08 | 478549.08 | 478599.08 | 478649.08 | 478699.08 |
| 3743814.29 | 448.00 | 447.40 | 446.00 | 445.30 | 445.30 | 445.20 | 445.00 | 445.00 | 445.00 |
| 3743764.29 | 448.00 | 447.10 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743714.29 | 448.00 | 446.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743664.29 | 448.00 | 446.90 | 445.90 | 445.70 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743614.29 | 447.60 | 447.00 | 446.30 | 446.00 | 446.00 | 445.30 | 445.00 | 445.00 | 445.00 |
| 3743564.29 | 447.00 | 447.00 | 446.70 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743514.29 | 447.00 | 447.00 | 446.20 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743464.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743414.29 | 447.00 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743364.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 |
| 3743314.29 | 447.00 | 446.40 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743264.29 | 447.00 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 |
| 3743214.29 | 446.30 | 446.00 | 446.00 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 |
| 3743164.29 | 446.00 | 446.00 | 446.00 | 446.00 | 446.00 | 445.00 | 445.00 | 445.00 | 445.00 |
| 3743114.29 | 446.00 | 446.00 | 446.00 | 445.90 | 445.30 | 445.00 | 445.00 | 445.00 | 444.70 |
| 3743064.29 | 446.00 | 446.00 | 445.80 | 445.00 | 445.00 | 445.00 | 445.00 | 444.50 | 444.00 |
| 3743014.29 | 446.00 | 445.20 | 445.00 | 445.00 | 445.00 | 445.00 | 444.60 | 444.00 | 444.00 |
| 3742964.29 | 445.00 | 445.00 | 445.00 | 445.00 | 444.90 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742914.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 |
| 3742864.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 |
| 3742814.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 |
| 3742764.29 | 444.30 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.30 | 443.00 | 443.00 |
| 3742714.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.90 |
| 3742664.29 | 444.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 |
| 3742614.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.10 | 442.00 |
| 3742564.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742514.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742464.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742414.29 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 |
| 3742364.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742314.29 | 444.70 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742264.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742214.29 | 445.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 442.00 |
| 3742164.29 | 444.30 | 444.00 | 444.00 | 443.00 | 443.00 | 442.70 | 442.00 | 442.00 | 441.70 |
| 3742114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.70 |
| 3742064.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3742014.29 | 444.00 | 444.00 | 443.70 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 | 441.00 |
| 3741964.29 | 444.00 | 444.00 | 443.70 | 443.00 | 442.40 | 442.00 | 442.00 | 441.70 | 441.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 32

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 478749.08 | 478799.08 | 478849.08 | 478899.08 | 478949.08 | 478999.08 | 479049.08 | 479099.08 | 479149.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 445.00 | 445.00 | 444.70 | 444.70 | 444.00 | 444.00 | 443.70 | 443.00 | 442.90 |
| 3743764.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 444.00 | 443.00 | 443.00 |
| 3743714.29 | 445.00 | 445.00 | 445.00 | 445.00 | 445.00 | 444.70 | 443.90 | 443.00 | 442.70 |
| 3743664.29 | 445.00 | 445.00 | 445.00 | 444.30 | 444.30 | 444.00 | 443.00 | 443.00 | 442.20 |
| 3743614.29 | 445.00 | 444.70 | 444.00 | 444.00 | 444.00 | 443.90 | 443.00 | 443.00 | 442.00 |
| 3743564.29 | 445.00 | 444.30 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743514.29 | 445.00 | 444.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 442.40 | 442.00 |
| 3743464.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743414.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743364.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.40 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743314.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743264.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743214.29 | 445.00 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743164.29 | 444.60 | 444.00 | 444.00 | 443.60 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743114.29 | 444.00 | 444.00 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743064.29 | 444.00 | 444.00 | 443.80 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 |
| 3743014.29 | 444.00 | 443.70 | 443.00 | 443.00 | 443.00 | 443.00 | 442.60 | 442.00 | 442.00 |
| 3742964.29 | 444.00 | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | 442.00 | 442.00 | 442.00 |
| 3742914.29 | 443.30 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 |
| 3742864.29 | 443.00 | 443.00 | 443.00 | 443.00 | 442.20 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742814.29 | 443.00 | 443.00 | 442.90 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 |
| 3742764.29 | 443.00 | 442.30 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.80 |
| 3742714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 |
| 3742664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 |
| 3742614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3742564.29 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.90 |
| 3742514.29 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 |
| 3742464.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 |
| 3742414.29 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 440.90 | 440.00 | 440.00 | 440.00 |
| 3742364.29 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742314.29 | 441.30 | 441.00 | 441.00 | 441.00 | 440.50 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742264.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.20 | 440.00 | 440.00 | 440.00 | 439.40 |
| 3742214.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 |
| 3742164.29 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.50 | 439.00 |
| 3742114.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 |
| 3742064.29 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3742014.29 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 |
| 3741964.29 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 33

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 479199.08 | 479249.08 | 479299.08 | 479349.08 | 479399.08 | 479449.08 | 479499.08 | 479549.08 | 479599.08 |
| 3743814.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743764.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 |
| 3743714.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 |
| 3743664.29 | 442.00 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743614.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.40 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743564.29 | 442.00 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 |
| 3743514.29 | 442.00 | 442.00 | 442.00 | 441.30 | 441.00 | 441.00 | 441.00 | 441.00 | 440.80 |
| 3743464.29 | 442.00 | 442.00 | 441.90 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743414.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 |
| 3743364.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 |
| 3743314.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.70 | 440.00 |
| 3743264.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.40 | 440.00 |
| 3743214.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.10 | 440.00 |
| 3743164.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 |
| 3743114.29 | 442.00 | 442.00 | 442.00 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743064.29 | 442.00 | 442.00 | 441.80 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3743014.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 |
| 3742964.29 | 442.00 | 442.00 | 441.70 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742914.29 | 442.00 | 442.00 | 441.20 | 441.00 | 441.00 | 440.70 | 440.00 | 440.00 | 440.00 |
| 3742864.29 | 442.00 | 441.70 | 441.00 | 441.00 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742814.29 | 441.90 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 |
| 3742764.29 | 441.00 | 441.00 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.80 |
| 3742714.29 | 441.00 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 |
| 3742664.29 | 441.00 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 |
| 3742614.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 439.30 | 439.00 | 439.00 | 439.00 |
| 3742564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742514.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742464.29 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.80 |
| 3742414.29 | 440.00 | 439.70 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 | 438.00 |
| 3742364.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 |
| 3742314.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 |
| 3742264.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 |
| 3742214.29 | 439.00 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742164.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742114.29 | 439.00 | 439.00 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742064.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742014.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 |
| 3741964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.20 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 34

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 441.00 | 440.40 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.10 | 439.00 |
| 3743764.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743714.29 | 441.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 |
| 3743664.29 | 440.30 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 |
| 3743614.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743514.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743464.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.70 | 439.00 | 439.00 | 439.00 |
| 3743414.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743364.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743314.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743264.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743214.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743164.29 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743114.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743064.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743014.29 | 440.00 | 440.00 | 440.00 | 440.00 | 439.20 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742964.29 | 440.00 | 440.00 | 440.00 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742914.29 | 440.00 | 440.00 | 439.80 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3742864.29 | 440.00 | 440.00 | 439.40 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.90 |
| 3742814.29 | 439.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.70 |
| 3742764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.50 | 438.00 |
| 3742714.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.60 | 438.00 | 438.00 |
| 3742664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 439.00 | 439.00 | 439.00 | 438.30 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 439.00 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.90 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 |
| 3742264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.60 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 438.00 | 438.00 | 438.00 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 438.00 | 438.00 | 437.80 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 438.00 | 437.70 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.90 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 35

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743764.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743714.29 | 439.00 | 439.00 | 438.70 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743664.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 439.00 |
| 3743614.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.70 | 439.00 | 439.00 | 439.00 |
| 3743564.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 439.00 | 439.00 |
| 3743514.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 | 439.00 |
| 3743464.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.20 |
| 3743414.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743364.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743314.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743264.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743214.29 | 439.00 | 439.00 | 438.70 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743164.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743114.29 | 439.00 | 439.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743064.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3743014.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742964.29 | 439.00 | 438.40 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742914.29 | 439.00 | 438.10 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742314.29 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 | 437.50 | 438.00 | 438.00 | 438.00 |
| 3742264.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.60 | 437.60 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 |
| 3742014.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.50 | 436.00 |
| 3741964.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 436.90 | 436.00 | 436.00 | 436.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 36

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 439.00 | 439.00 | 440.00 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743764.29 | 439.00 | 439.00 | 439.20 | 440.00 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743714.29 | 439.00 | 439.00 | 439.00 | 439.90 | 440.00 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743664.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.70 | 440.00 | 440.00 | 765.00 | 765.00 |
| 3743614.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.60 | 440.00 | 765.00 | 765.00 |
| 3743564.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743514.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743464.29 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743414.29 | 438.00 | 438.90 | 439.00 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743364.29 | 438.00 | 438.00 | 438.50 | 439.00 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743314.29 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743264.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 439.00 | 439.00 | 765.00 | 765.00 |
| 3743214.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.50 | 439.00 | 765.00 | 765.00 |
| 3743164.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.60 | 765.00 | 765.00 |
| 3743114.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743064.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 | 765.00 |
| 3743014.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742964.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742914.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742864.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 765.00 |
| 3742814.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742764.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742714.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742664.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742614.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742564.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742514.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742464.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742414.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 |
| 3742364.29 | 438.00 | 438.00 | 438.00 | 438.00 | 438.00 | 437.90 | 437.90 | 437.90 | 437.90 |
| 3742314.29 | 438.00 | 438.00 | 438.00 | 438.00 | 437.30 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742264.29 | 437.60 | 437.20 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742214.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742164.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742114.29 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742064.29 | 436.00 | 436.00 | 436.00 | 436.90 | 436.90 | 437.00 | 437.00 | 437.00 | 437.00 |
| 3742014.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.50 | 437.00 | 437.00 | 437.00 |
| 3741964.29 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.00 | 436.60 | 437.00 | 437.00 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
*** 11:20:39
*** PAGE 37

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | |
|------------------------|--------|--------|-------|------------------------|--------|--------|-------|
| (480087.8, 3742942.1, | 439.0, | 439.0, | 0.0); | (480087.8, 3742999.1, | 439.0, | 439.0, | 0.0); |
| (480089.4, 3743069.9, | 439.0, | 439.0, | 0.0); | (480088.7, 3743120.5, | 439.0, | 439.0, | 0.0); |
| (480088.7, 3743172.0, | 439.0, | 439.0, | 0.0); | (480088.7, 3743211.6, | 439.0, | 439.0, | 0.0); |
| (479731.9, 3743352.3, | 440.0, | 440.0, | 0.0); | (479352.6, 3743330.2, | 441.0, | 441.0, | 0.0); |
| (478263.3, 3742947.1, | 445.1, | 445.1, | 0.0); | (478262.8, 3742909.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742876.6, | 445.0, | 445.0, | 0.0); | (478261.3, 3742840.9, | 445.0, | 445.0, | 0.0); |
| (478261.9, 3742786.9, | 445.0, | 445.0, | 0.0); | (478283.8, 3742805.2, | 445.0, | 445.0, | 0.0); |
| (478282.9, 3742738.0, | 444.6, | 444.6, | 0.0); | (478282.9, 3742694.0, | 444.6, | 444.6, | 0.0); |
| (478261.6, 3742700.2, | 445.0, | 445.0, | 0.0); | (478262.2, 3742621.5, | 444.3, | 444.3, | 0.0); |
| (478261.6, 3742441.8, | 445.0, | 445.0, | 0.0); | (478263.4, 3742373.7, | 445.0, | 445.0, | 0.0); |
| (478263.4, 3742349.8, | 445.0, | 445.0, | 0.0); | (480290.2, 3743075.3, | 438.0, | 438.0, | 0.0); |
| (480292.2, 3743224.7, | 438.0, | 438.0, | 0.0); | (479926.0, 3743352.6, | 439.0, | 439.0, | 0.0); |
| (479732.3, 3743330.2, | 440.0, | 440.0, | 0.0); | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 38

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR XR (METERS) | LOCATION -- YR (METERS) | DISTANCE (METERS) |
|--------------|----------------------------|----------------------------|----------------------|
| L0002787 | 478849.1 | 3743364.3 | 0.51 |
| L0002793 | 478799.1 | 3743364.3 | -0.44 |
| L0002799 | 478749.1 | 3743364.3 | -1.13 |
| L0002804 | 478699.1 | 3743364.3 | 0.46 |
| L0002805 | 478699.1 | 3743364.3 | -1.47 |
| L0002810 | 478649.1 | 3743364.3 | -1.08 |
| L0002811 | 478649.1 | 3743364.3 | -1.40 |
| L0002816 | 478599.1 | 3743364.3 | -2.55 |
| L0002817 | 478599.1 | 3743364.3 | -0.95 |
| L0002822 | 478549.1 | 3743364.3 | -3.84 |
| L0002823 | 478549.1 | 3743364.3 | -0.17 |
| L0002827 | 478499.1 | 3743364.3 | 0.73 |
| L0002828 | 478499.1 | 3743364.3 | -4.79 |
| L0002829 | 478499.1 | 3743364.3 | 0.86 |
| L0002833 | 478449.1 | 3743364.3 | -0.97 |
| L0002834 | 478449.1 | 3743364.3 | -5.12 |
| L0002839 | 478399.1 | 3743364.3 | -2.68 |
| L0002840 | 478399.1 | 3743364.3 | -4.66 |
| L0002845 | 478349.1 | 3743364.3 | -4.38 |
| L0002846 | 478349.1 | 3743364.3 | -3.62 |
| L0002851 | 478299.1 | 3743364.3 | -6.09 |
| L0002852 | 478299.1 | 3743364.3 | -2.28 |
| L0002962 | 478149.1 | 3742564.3 | 0.86 |
| L0002968 | 478099.1 | 3742564.3 | -0.29 |
| L0002973 | 478049.1 | 3742564.3 | -0.26 |
| L0002974 | 478049.1 | 3742564.3 | -1.04 |
| L0002979 | 477999.1 | 3742564.3 | -2.30 |
| L0002980 | 477999.1 | 3742564.3 | -1.24 |
| L0002985 | 477949.1 | 3742564.3 | -4.29 |
| L0002986 | 477949.1 | 3742564.3 | -0.86 |
| L0002990 | 477899.1 | 3742564.3 | 0.66 |
| L0002991 | 477899.1 | 3742564.3 | -6.10 |
| L0002992 | 477899.1 | 3742564.3 | 0.02 |
| L0002996 | 477849.1 | 3742564.3 | -1.15 |
| L0002997 | 477849.1 | 3742564.3 | -6.96 |
| L0003002 | 477799.1 | 3742564.3 | -2.79 |
| L0003003 | 477799.1 | 3742564.3 | -5.80 |
| L0003008 | 477749.1 | 3742564.3 | -4.02 |
| L0003009 | 477749.1 | 3742564.3 | -3.94 |
| L0003014 | 477699.1 | 3742564.3 | -4.50 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 39

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| SOURCE ID | -- RECEPTOR LOCATION -- | | DISTANCE (METERS) |
|--------------|-------------------------|-------------|----------------------|
| | XR (METERS) | YR (METERS) | |
| L0003015 | 479899.1 | 3743014.3 | -5.19 |
| L0003020 | 479949.1 | 3743014.3 | -2.86 |
| L0003021 | 479949.1 | 3743014.3 | -4.36 |
| L0003026 | 479999.1 | 3743014.3 | -4.38 |
| L0003027 | 479999.1 | 3743014.3 | -3.18 |
| L0003032 | 480049.1 | 3743014.3 | -5.83 |
| L0003033 | 480049.1 | 3743014.3 | -1.84 |
| L0003072 | 480049.1 | 3743064.3 | 0.96 |
| L0003076 | 480049.1 | 3743114.3 | -0.71 |
| L0003077 | 480049.1 | 3743114.3 | -4.13 |
| L0003082 | 480049.1 | 3743164.3 | -1.63 |
| L0003083 | 480049.1 | 3743164.3 | -2.86 |
| L0003088 | 480049.1 | 3743214.3 | -2.25 |
| L0003089 | 480049.1 | 3743214.3 | -1.45 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

*** 07/29/20
 *** 11:20:39
 *** PAGE 41

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: PERI_v9.SFC
 Profile file: PERI_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171
 Name: UNKNOWN
 Year: 2010

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2010

Met Version: 16216

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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 0.61 | 1.00 | 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 | 1.00 | 0.40 | 3. | 9.1 | 277.0 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 07 | -8.0 | 0.125 | -9.000 | -9.000 | -999. | 106. | 21.0 | 0.19 | 0.61 | 1.00 | 1.30 | 99. | 9.1 | 277.0 | 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 | | | |
| 10 | 01 | 01 | 1 | 09 | 20.1 | 0.128 | 0.307 | 0.010 | 49. | 110. | -9.0 | 0.19 | 0.61 | 0.33 | 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 | | | |
| 10 | 01 | 01 | 1 | 12 | 97.1 | 0.281 | 1.058 | 0.008 | 421. | 357. | -19.7 | 0.19 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 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 | 0.61 | 0.36 | 1.80 | 11. | 9.1 | 292.5 | 5.5 | | | |
| 10 | 01 | 01 | 1 | 17 | -3.6 | 0.087 | -9.000 | -9.000 | -999. | 71. | 15.6 | 0.19 | 0.61 | 0.64 | 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 | 0.61 | 1.00 | 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 | 1.00 | 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 | 1.00 | 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 | | | |
| 10 | 01 | 01 | 1 | 22 | -3.8 | 0.088 | -9.000 | -9.000 | -999. | 62. | 15.1 | 0.19 | 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 | 1.00 | 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 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated *** 11:20:39
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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): L0002629 , L0002630 , L0002631 , L0002632 , L0002633 ,
L0002634 , L0002635 , L0002636 , L0002637 , L0002638 , L0002639 , L0002640 , L0002641 ,
L0002642 , L0002643 , L0002644 , L0002645 , L0002646 , L0002647 , L0002648 , L0002649 ,
L0002650 , L0002651 , L0002652 , L0002653 , L0002654 , L0002655 , L0002656 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 477399.08 | 477449.08 | 477499.08 | X-COORD (METERS) | | 477649.08 | 477699.08 | 477749.08 | 477799.08 |
|---------------------|-----------|-----------|-----------|------------------|---------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00004 | 0.00004 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 |
| 3743764.29 | 0.00004 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 |
| 3743714.29 | 0.00004 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 |
| 3743664.29 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 |
| 3743614.29 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 | 0.00007 |
| 3743564.29 | 0.00005 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 |
| 3743514.29 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 |
| 3743464.29 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00008 |
| 3743414.29 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 |
| 3743364.29 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 |
| 3743314.29 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00009 |
| 3743264.29 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 |
| 3743214.29 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 |
| 3743164.29 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00010 |
| 3743114.29 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00011 |
| 3743064.29 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00011 |
| 3743014.29 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 |
| 3742964.29 | 0.00006 | 0.00006 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 |
| 3742914.29 | 0.00006 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 |
| 3742864.29 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00014 |
| 3742814.29 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00014 | 0.00015 |
| 3742764.29 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00012 | 0.00014 | 0.00016 | 0.00017 |
| 3742714.29 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00011 | 0.00014 | 0.00016 | 0.00019 | 0.00021 |
| 3742664.29 | 0.00006 | 0.00007 | 0.00008 | 0.00010 | 0.00012 | 0.00016 | 0.00021 | 0.00026 | 0.00029 |
| 3742614.29 | 0.00006 | 0.00007 | 0.00008 | 0.00010 | 0.00013 | 0.00020 | 0.00034 | 0.00047 | 0.00052 |
| 3742564.29 | 0.00006 | 0.00007 | 0.00008 | 0.00010 | 0.00014 | 0.00023 | 0.00074 | 0.00116 | 0.00125 |
| 3742514.29 | 0.00006 | 0.00007 | 0.00008 | 0.00010 | 0.00013 | 0.00019 | 0.00032 | 0.00047 | 0.00055 |
| 3742464.29 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00012 | 0.00015 | 0.00020 | 0.00026 | 0.00030 |
| 3742414.29 | 0.00006 | 0.00006 | 0.00007 | 0.00009 | 0.00010 | 0.00012 | 0.00015 | 0.00018 | 0.00021 |
| 3742364.29 | 0.00005 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00011 | 0.00012 | 0.00014 | 0.00016 |
| 3742314.29 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00012 | 0.00013 |
| 3742264.29 | 0.00005 | 0.00005 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 | 0.00011 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 | 0.00010 |
| 3742164.29 | 0.00004 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00009 |
| 3742114.29 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 | 0.00008 |
| 3742064.29 | 0.00004 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00007 | 0.00007 |
| 3742014.29 | 0.00004 | 0.00004 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 | 0.00006 |
| 3741964.29 | 0.00004 | 0.00004 | 0.00004 | 0.00004 | 0.00005 | 0.00005 | 0.00005 | 0.00006 | 0.00006 |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands *** 07/29/20
*** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated *** 11:20:39
PAGE 43

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002629 , L0002630 , L0002631 , L0002632 , L0002633 ,
L0002634 , L0002635 , L0002636 , L0002637 , L0002638 , L0002639 , L0002640 , L0002641 ,
L0002642 , L0002643 , L0002644 , L0002645 , L0002646 , L0002647 , L0002648 , L0002649 ,
L0002650 , L0002651 , L0002652 , L0002653 , L0002654 , L0002655 , L0002656 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 477849.08 | 477899.08 | 477949.08 | 477999.08 | 478049.08 | 478099.08 | 478149.08 | 478199.08 | 478249.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00006 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 |
| 3743764.29 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00011 |
| 3743714.29 | 0.00007 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00011 | 0.00012 |
| 3743664.29 | 0.00007 | 0.00008 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00012 | 0.00013 |
| 3743614.29 | 0.00008 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00015 |
| 3743564.29 | 0.00008 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00013 | 0.00014 | 0.00016 | 0.00018 |
| 3743514.29 | 0.00009 | 0.00009 | 0.00010 | 0.00011 | 0.00013 | 0.00014 | 0.00017 | 0.00019 | 0.00022 |
| 3743464.29 | 0.00009 | 0.00010 | 0.00011 | 0.00012 | 0.00014 | 0.00016 | 0.00019 | 0.00023 | 0.00029 |
| 3743414.29 | 0.00010 | 0.00010 | 0.00012 | 0.00013 | 0.00015 | 0.00018 | 0.00022 | 0.00030 | 0.00043 |
| 3743364.29 | 0.00010 | 0.00011 | 0.00012 | 0.00014 | 0.00016 | 0.00020 | 0.00026 | 0.00038 | 0.00082 |
| 3743314.29 | 0.00010 | 0.00011 | 0.00013 | 0.00015 | 0.00018 | 0.00022 | 0.00028 | 0.00044 | 0.00105 |
| 3743264.29 | 0.00011 | 0.00012 | 0.00014 | 0.00016 | 0.00018 | 0.00023 | 0.00030 | 0.00046 | 0.00106 |
| 3743214.29 | 0.00011 | 0.00012 | 0.00014 | 0.00016 | 0.00019 | 0.00024 | 0.00031 | 0.00047 | 0.00107 |
| 3743164.29 | 0.00011 | 0.00013 | 0.00014 | 0.00017 | 0.00020 | 0.00024 | 0.00032 | 0.00047 | 0.00106 |
| 3743114.29 | 0.00012 | 0.00013 | 0.00015 | 0.00017 | 0.00020 | 0.00025 | 0.00032 | 0.00047 | 0.00106 |
| 3743064.29 | 0.00012 | 0.00014 | 0.00015 | 0.00018 | 0.00021 | 0.00025 | 0.00032 | 0.00047 | 0.00107 |
| 3743014.29 | 0.00013 | 0.00014 | 0.00016 | 0.00018 | 0.00021 | 0.00025 | 0.00033 | 0.00048 | 0.00107 |
| 3742964.29 | 0.00013 | 0.00015 | 0.00016 | 0.00019 | 0.00021 | 0.00026 | 0.00033 | 0.00048 | 0.00107 |
| 3742914.29 | 0.00014 | 0.00016 | 0.00017 | 0.00019 | 0.00022 | 0.00026 | 0.00033 | 0.00048 | 0.00107 |
| 3742864.29 | 0.00015 | 0.00017 | 0.00018 | 0.00020 | 0.00023 | 0.00027 | 0.00034 | 0.00048 | 0.00107 |
| 3742814.29 | 0.00017 | 0.00018 | 0.00020 | 0.00022 | 0.00024 | 0.00028 | 0.00035 | 0.00049 | 0.00108 |
| 3742764.29 | 0.00019 | 0.00020 | 0.00022 | 0.00024 | 0.00026 | 0.00030 | 0.00036 | 0.00050 | 0.00108 |
| 3742714.29 | 0.00023 | 0.00025 | 0.00026 | 0.00028 | 0.00030 | 0.00033 | 0.00039 | 0.00052 | 0.00109 |
| 3742664.29 | 0.00031 | 0.00033 | 0.00034 | 0.00035 | 0.00037 | 0.00040 | 0.00044 | 0.00056 | 0.00111 |
| 3742614.29 | 0.00054 | 0.00055 | 0.00055 | 0.00056 | 0.00056 | 0.00057 | 0.00060 | 0.00068 | 0.00117 |
| 3742564.29 | 0.00132 | 0.00101 | 0.00129 | 0.00126 | 0.00123 | 0.00154 | 0.00146 | 0.00174 | 0.00182 |
| 3742514.29 | 0.00059 | 0.00062 | 0.00065 | 0.00068 | 0.00070 | 0.00073 | 0.00075 | 0.00078 | 0.00075 |
| 3742464.29 | 0.00033 | 0.00035 | 0.00036 | 0.00038 | 0.00039 | 0.00040 | 0.00040 | 0.00040 | 0.00038 |
| 3742414.29 | 0.00023 | 0.00024 | 0.00026 | 0.00026 | 0.00027 | 0.00028 | 0.00028 | 0.00028 | 0.00026 |
| 3742364.29 | 0.00017 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00021 | 0.00021 | 0.00020 |
| 3742314.29 | 0.00014 | 0.00015 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 | 0.00017 |
| 3742264.29 | 0.00012 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00014 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00010 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 |
| 3742164.29 | 0.00009 | 0.00010 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 |
| 3742114.29 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 |
| 3742064.29 | 0.00007 | 0.00008 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3742014.29 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3741964.29 | 0.00006 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00008 |

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|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00012 | 0.00012 | 0.00012 | 0.00011 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00010 |
| 3742164.29 | 0.00011 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00009 | 0.00009 |
| 3742114.29 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3742064.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00008 | 0.00008 |
| 3742014.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3741964.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |

| | | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3742164.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3742114.29 | 0.00009 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3742064.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3742014.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3741964.29 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00007 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 |
| 3742164.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00010 |
| 3742114.29 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3742064.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00009 | 0.00009 |
| 3742014.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3741964.29 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |

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*** AERMOD - VERSION 19191 ***   *** First Industrial Warehouse at Rider and Redlands   ***   07/29/20
*** AERMET - VERSION 16216 ***   *** Project Only DPM Concentrations (2022) AB3 - Mitigated ***   11:20:39
                                     PAGE 47

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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):   L0002629   ,   L0002630   ,   L0002631   ,   L0002632   ,   L0002633   ,
L0002634   ,   L0002635   ,   L0002636   ,   L0002637   ,   L0002638   ,   L0002639   ,   L0002640   ,   L0002641   ,
L0002642   ,   L0002643   ,   L0002644   ,   L0002645   ,   L0002646   ,   L0002647   ,   L0002648   ,   L0002649   ,
L0002650   ,   L0002651   ,   L0002652   ,   L0002653   ,   L0002654   ,   L0002655   ,   L0002656   ,   . . .   ,

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*** NETWORK ID: UCART1   ;   NETWORK TYPE: GRIDCART   ***

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**  CONC OF DPM      IN MICROGRAMS/M**3      **

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| Y-COORD (METERS) | 479649.08 | 479699.08 | 479749.08 | 479799.08 | 479849.08 | 479899.08 | 479949.08 | 479999.08 | 480049.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 | 0.00019 |
| 3743764.29 | 0.00020 | 0.00020 | 0.00021 | 0.00021 | 0.00022 | 0.00022 | 0.00022 | 0.00022 | 0.00021 |
| 3743714.29 | 0.00022 | 0.00023 | 0.00024 | 0.00024 | 0.00025 | 0.00025 | 0.00025 | 0.00025 | 0.00024 |
| 3743664.29 | 0.00025 | 0.00026 | 0.00027 | 0.00028 | 0.00028 | 0.00029 | 0.00029 | 0.00029 | 0.00028 |
| 3743614.29 | 0.00029 | 0.00030 | 0.00031 | 0.00032 | 0.00033 | 0.00034 | 0.00034 | 0.00034 | 0.00033 |
| 3743564.29 | 0.00033 | 0.00035 | 0.00036 | 0.00038 | 0.00039 | 0.00040 | 0.00041 | 0.00041 | 0.00040 |
| 3743514.29 | 0.00039 | 0.00041 | 0.00043 | 0.00045 | 0.00047 | 0.00049 | 0.00050 | 0.00050 | 0.00049 |
| 3743464.29 | 0.00049 | 0.00052 | 0.00054 | 0.00057 | 0.00060 | 0.00062 | 0.00064 | 0.00065 | 0.00064 |
| 3743414.29 | 0.00068 | 0.00071 | 0.00075 | 0.00079 | 0.00083 | 0.00084 | 0.00084 | 0.00087 | 0.00089 |
| 3743364.29 | 0.00142 | 0.00144 | 0.00148 | 0.00153 | 0.00160 | 0.00140 | 0.00117 | 0.00125 | 0.00140 |
| 3743314.29 | 0.00123 | 0.00131 | 0.00141 | 0.00157 | 0.00193 | 0.00312 | 0.00162 | 0.00192 | 0.00283 |
| 3743264.29 | 0.00074 | 0.00082 | 0.00093 | 0.00113 | 0.00167 | 0.00340 | 0.00209 | 0.00313 | 0.00956 |
| 3743214.29 | 0.00061 | 0.00069 | 0.00083 | 0.00107 | 0.00168 | 0.00355 | 0.00249 | 0.00440 | 0.01381 |
| 3743164.29 | 0.00055 | 0.00064 | 0.00078 | 0.00104 | 0.00170 | 0.00362 | 0.00268 | 0.00488 | 0.01502 |
| 3743114.29 | 0.00050 | 0.00060 | 0.00074 | 0.00101 | 0.00169 | 0.00363 | 0.00267 | 0.00470 | 0.01489 |
| 3743064.29 | 0.00047 | 0.00056 | 0.00070 | 0.00095 | 0.00162 | 0.00364 | 0.00268 | 0.00391 | 0.00818 |
| 3743014.29 | 0.00043 | 0.00051 | 0.00063 | 0.00085 | 0.00140 | 0.00382 | 0.00371 | 0.00419 | 0.00499 |
| 3742964.29 | 0.00040 | 0.00046 | 0.00056 | 0.00072 | 0.00100 | 0.00149 | 0.00188 | 0.00208 | 0.00215 |
| 3742914.29 | 0.00036 | 0.00041 | 0.00049 | 0.00059 | 0.00073 | 0.00091 | 0.00107 | 0.00118 | 0.00121 |
| 3742864.29 | 0.00033 | 0.00037 | 0.00042 | 0.00049 | 0.00057 | 0.00065 | 0.00074 | 0.00080 | 0.00082 |
| 3742814.29 | 0.00029 | 0.00033 | 0.00036 | 0.00041 | 0.00046 | 0.00051 | 0.00055 | 0.00059 | 0.00060 |
| 3742764.29 | 0.00027 | 0.00029 | 0.00032 | 0.00035 | 0.00038 | 0.00041 | 0.00044 | 0.00046 | 0.00047 |
| 3742714.29 | 0.00024 | 0.00026 | 0.00028 | 0.00030 | 0.00032 | 0.00034 | 0.00036 | 0.00037 | 0.00038 |
| 3742664.29 | 0.00022 | 0.00023 | 0.00024 | 0.00026 | 0.00027 | 0.00029 | 0.00030 | 0.00031 | 0.00032 |
| 3742614.29 | 0.00020 | 0.00021 | 0.00022 | 0.00023 | 0.00024 | 0.00025 | 0.00026 | 0.00027 | 0.00027 |
| 3742564.29 | 0.00018 | 0.00019 | 0.00020 | 0.00020 | 0.00021 | 0.00022 | 0.00023 | 0.00023 | 0.00023 |
| 3742514.29 | 0.00016 | 0.00017 | 0.00018 | 0.00018 | 0.00019 | 0.00019 | 0.00020 | 0.00020 | 0.00021 |
| 3742464.29 | 0.00015 | 0.00016 | 0.00016 | 0.00017 | 0.00017 | 0.00017 | 0.00018 | 0.00018 | 0.00018 |
| 3742414.29 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00016 | 0.00016 | 0.00016 | 0.00016 |
| 3742364.29 | 0.00013 | 0.00013 | 0.00014 | 0.00014 | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 |
| 3742314.29 | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00014 |
| 3742264.29 | 0.00011 | 0.00011 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 |

| | | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00010 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 |
| 3742164.29 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00011 | 0.00011 | 0.00011 | 0.00011 |
| 3742114.29 | 0.00009 | 0.00009 | 0.00009 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 |
| 3742064.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3742014.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 |
| 3741964.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002629 , L0002630 , L0002631 , L0002632 , L0002633 ,
L0002634 , L0002635 , L0002636 , L0002637 , L0002638 , L0002639 , L0002640 , L0002641 ,
L0002642 , L0002643 , L0002644 , L0002645 , L0002646 , L0002647 , L0002648 , L0002649 ,
L0002650 , L0002651 , L0002652 , L0002653 , L0002654 , L0002655 , L0002656 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | 480099.08 | 480149.08 | 480199.08 | 480249.08 | 480299.08 | 480349.08 | 480399.08 | 480449.08 | 480499.08 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3743814.29 | 0.00018 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00015 | 0.00014 | 0.00013 | 0.00012 |
| 3743764.29 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00015 | 0.00014 | 0.00013 |
| 3743714.29 | 0.00023 | 0.00023 | 0.00021 | 0.00020 | 0.00019 | 0.00018 | 0.00016 | 0.00015 | 0.00014 |
| 3743664.29 | 0.00027 | 0.00026 | 0.00024 | 0.00023 | 0.00021 | 0.00020 | 0.00018 | 0.00017 | 0.00015 |
| 3743614.29 | 0.00032 | 0.00030 | 0.00028 | 0.00026 | 0.00024 | 0.00022 | 0.00020 | 0.00018 | 0.00017 |
| 3743564.29 | 0.00038 | 0.00036 | 0.00033 | 0.00030 | 0.00027 | 0.00024 | 0.00022 | 0.00020 | 0.00018 |
| 3743514.29 | 0.00047 | 0.00043 | 0.00039 | 0.00035 | 0.00031 | 0.00027 | 0.00024 | 0.00022 | 0.00019 |
| 3743464.29 | 0.00061 | 0.00055 | 0.00048 | 0.00041 | 0.00036 | 0.00031 | 0.00027 | 0.00023 | 0.00021 |
| 3743414.29 | 0.00083 | 0.00072 | 0.00060 | 0.00049 | 0.00041 | 0.00035 | 0.00029 | 0.00025 | 0.00022 |
| 3743364.29 | 0.00131 | 0.00100 | 0.00076 | 0.00059 | 0.00047 | 0.00039 | 0.00032 | 0.00027 | 0.00023 |
| 3743314.29 | 0.00287 | 0.00145 | 0.00097 | 0.00070 | 0.00054 | 0.00043 | 0.00035 | 0.00029 | 0.00025 |
| 3743264.29 | 0.00492 | 0.00202 | 0.00120 | 0.00081 | 0.00060 | 0.00046 | 0.00037 | 0.00030 | 0.00026 |
| 3743214.29 | 0.00678 | 0.00251 | 0.00139 | 0.00090 | 0.00064 | 0.00049 | 0.00039 | 0.00032 | 0.00026 |
| 3743164.29 | 0.00738 | 0.00275 | 0.00148 | 0.00095 | 0.00067 | 0.00050 | 0.00039 | 0.00032 | 0.00027 |
| 3743114.29 | 0.00700 | 0.00268 | 0.00147 | 0.00094 | 0.00066 | 0.00050 | 0.00039 | 0.00032 | 0.00027 |
| 3743064.29 | 0.00545 | 0.00231 | 0.00135 | 0.00089 | 0.00064 | 0.00049 | 0.00038 | 0.00031 | 0.00026 |
| 3743014.29 | 0.00351 | 0.00181 | 0.00116 | 0.00081 | 0.00060 | 0.00046 | 0.00037 | 0.00030 | 0.00026 |
| 3742964.29 | 0.00183 | 0.00132 | 0.00096 | 0.00071 | 0.00055 | 0.00043 | 0.00035 | 0.00029 | 0.00025 |
| 3742914.29 | 0.00113 | 0.00096 | 0.00077 | 0.00062 | 0.00049 | 0.00040 | 0.00033 | 0.00028 | 0.00024 |
| 3742864.29 | 0.00079 | 0.00072 | 0.00063 | 0.00053 | 0.00044 | 0.00037 | 0.00031 | 0.00026 | 0.00023 |
| 3742814.29 | 0.00060 | 0.00056 | 0.00051 | 0.00045 | 0.00039 | 0.00033 | 0.00029 | 0.00025 | 0.00021 |
| 3742764.29 | 0.00047 | 0.00045 | 0.00042 | 0.00038 | 0.00034 | 0.00030 | 0.00026 | 0.00023 | 0.00020 |
| 3742714.29 | 0.00038 | 0.00037 | 0.00036 | 0.00033 | 0.00030 | 0.00027 | 0.00024 | 0.00021 | 0.00019 |
| 3742664.29 | 0.00032 | 0.00032 | 0.00030 | 0.00029 | 0.00027 | 0.00024 | 0.00022 | 0.00020 | 0.00018 |
| 3742614.29 | 0.00027 | 0.00027 | 0.00026 | 0.00025 | 0.00024 | 0.00022 | 0.00020 | 0.00019 | 0.00017 |
| 3742564.29 | 0.00024 | 0.00023 | 0.00023 | 0.00022 | 0.00021 | 0.00020 | 0.00019 | 0.00017 | 0.00016 |
| 3742514.29 | 0.00021 | 0.00021 | 0.00020 | 0.00020 | 0.00019 | 0.00018 | 0.00017 | 0.00016 | 0.00015 |
| 3742464.29 | 0.00018 | 0.00018 | 0.00018 | 0.00018 | 0.00017 | 0.00017 | 0.00016 | 0.00015 | 0.00014 |
| 3742414.29 | 0.00017 | 0.00017 | 0.00016 | 0.00016 | 0.00016 | 0.00015 | 0.00014 | 0.00014 | 0.00013 |
| 3742364.29 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00014 | 0.00014 | 0.00013 | 0.00013 | 0.00012 |
| 3742314.29 | 0.00014 | 0.00014 | 0.00014 | 0.00013 | 0.00013 | 0.00013 | 0.00012 | 0.00012 | 0.00011 |
| 3742264.29 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00012 | 0.00011 | 0.00011 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00012 | 0.00012 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00010 | 0.00010 |
| 3742164.29 | 0.00011 | 0.00011 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00009 |
| 3742114.29 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00010 | 0.00009 | 0.00009 | 0.00009 |
| 3742064.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00008 |
| 3742014.29 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |
| 3741964.29 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 | 0.00008 |

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002629 , L0002630 , L0002631 , L0002632 , L0002633 ,
 L0002634 , L0002635 , L0002636 , L0002637 , L0002638 , L0002639 , L0002640 , L0002641 ,
 L0002642 , L0002643 , L0002644 , L0002645 , L0002646 , L0002647 , L0002648 , L0002649 ,
 L0002650 , L0002651 , L0002652 , L0002653 , L0002654 , L0002655 , L0002656 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF DPM IN MICROGRAMS/M**3 **

| Y-COORD (METERS) | X-COORD (METERS) | | | | | | | | |
|---------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 480549.08 | 480599.08 | 480649.08 | 480699.08 | 480749.08 | 480799.08 | 480849.08 | 480899.08 | 480949.08 |
| 3743814.29 | 0.00011 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00008 | 0.00008 | 0.00007 | 0.00007 |
| 3743764.29 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00007 |
| 3743714.29 | 0.00013 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 |
| 3743664.29 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00008 | 0.00008 |
| 3743614.29 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 |
| 3743564.29 | 0.00016 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00008 |
| 3743514.29 | 0.00017 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00008 |
| 3743464.29 | 0.00018 | 0.00016 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00009 |
| 3743414.29 | 0.00019 | 0.00017 | 0.00015 | 0.00014 | 0.00013 | 0.00011 | 0.00010 | 0.00010 | 0.00009 |
| 3743364.29 | 0.00020 | 0.00018 | 0.00016 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743314.29 | 0.00021 | 0.00019 | 0.00016 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743264.29 | 0.00022 | 0.00019 | 0.00017 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743214.29 | 0.00022 | 0.00019 | 0.00017 | 0.00015 | 0.00014 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743164.29 | 0.00023 | 0.00020 | 0.00017 | 0.00015 | 0.00014 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743114.29 | 0.00023 | 0.00020 | 0.00017 | 0.00015 | 0.00014 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743064.29 | 0.00022 | 0.00019 | 0.00017 | 0.00015 | 0.00014 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3743014.29 | 0.00022 | 0.00019 | 0.00017 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3742964.29 | 0.00021 | 0.00019 | 0.00016 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3742914.29 | 0.00021 | 0.00018 | 0.00016 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 |
| 3742864.29 | 0.00020 | 0.00017 | 0.00015 | 0.00014 | 0.00013 | 0.00011 | 0.00010 | 0.00010 | 0.00009 |
| 3742814.29 | 0.00019 | 0.00017 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00009 |
| 3742764.29 | 0.00018 | 0.00016 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00008 |
| 3742714.29 | 0.00017 | 0.00015 | 0.00014 | 0.00013 | 0.00011 | 0.00011 | 0.00010 | 0.00009 | 0.00008 |
| 3742664.29 | 0.00016 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 |
| 3742614.29 | 0.00015 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 |
| 3742564.29 | 0.00015 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00008 | 0.00008 |
| 3742514.29 | 0.00014 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 |
| 3742464.29 | 0.00013 | 0.00012 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00008 | 0.00008 | 0.00007 |
| 3742414.29 | 0.00012 | 0.00011 | 0.00011 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00007 |
| 3742364.29 | 0.00012 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00008 | 0.00008 | 0.00007 | 0.00007 |
| 3742314.29 | 0.00011 | 0.00010 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00007 | 0.00007 |
| 3742264.29 | 0.00010 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00007 | 0.00007 | 0.00007 |

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3742214.29 | 0.00010 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00008 | 0.00007 | 0.00007 | 0.00006 |
| 3742164.29 | 0.00009 | 0.00009 | 0.00008 | 0.00008 | 0.00008 | 0.00007 | 0.00007 | 0.00007 | 0.00006 |
| 3742114.29 | 0.00009 | 0.00008 | 0.00008 | 0.00008 | 0.00007 | 0.00007 | 0.00007 | 0.00006 | 0.00006 |
| 3742064.29 | 0.00008 | 0.00008 | 0.00008 | 0.00007 | 0.00007 | 0.00007 | 0.00006 | 0.00006 | 0.00006 |
| 3742014.29 | 0.00008 | 0.00008 | 0.00007 | 0.00007 | 0.00007 | 0.00006 | 0.00006 | 0.00006 | 0.00006 |
| 3741964.29 | 0.00007 | 0.00007 | 0.00007 | 0.00007 | 0.00006 | 0.00006 | 0.00006 | 0.00006 | 0.00006 |

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*** AERMOD - VERSION 19191 ***   *** First Industrial Warehouse at Rider and Redlands   ***   07/29/20
*** AERMET - VERSION 16216 ***   *** Project Only DPM Concentrations (2022) AB3 - Mitigated   ***   11:20:39
                                                                    PAGE 50

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*** MODELOPTs:   RegDFault  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
      INCLUDING SOURCE(S):   L0002629   ,   L0002630   ,   L0002631   ,   L0002632   ,   L0002633   ,
L0002634   ,   L0002635   ,   L0002636   ,   L0002637   ,   L0002638   ,   L0002639   ,   L0002640   ,   L0002641   ,
L0002642   ,   L0002643   ,   L0002644   ,   L0002645   ,   L0002646   ,   L0002647   ,   L0002648   ,   L0002649   ,
L0002650   ,   L0002651   ,   L0002652   ,   L0002653   ,   L0002654   ,   L0002655   ,   L0002656   ,   . . .   ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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| ** CONC OF DPM | | | IN MICROGRAMS/M**3 | | | ** | | |
|----------------|-------------|---------|--------------------|-------------|---------|-------------|-------------|------|
| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
| 480087.78 | 3742942.06 | 0.00150 | 480087.78 | 3742999.09 | 0.00344 | | | |
| 480089.36 | 3743069.92 | 0.00751 | 480088.70 | 3743120.51 | 0.00980 | | | |
| 480088.70 | 3743172.03 | 0.01020 | 480088.70 | 3743211.58 | 0.00967 | | | |
| 479731.90 | 3743352.27 | 0.00221 | 479352.56 | 3743330.25 | 0.00148 | | | |
| 478263.32 | 3742947.12 | 0.00183 | 478262.83 | 3742909.91 | 0.00179 | | | |
| 478261.94 | 3742876.58 | 0.00171 | 478261.35 | 3742840.90 | 0.00167 | | | |
| 478261.94 | 3742786.92 | 0.00173 | 478283.77 | 3742805.21 | 0.00183 | | | |
| 478282.88 | 3742737.96 | 0.00188 | 478282.88 | 3742694.02 | 0.00188 | | | |
| 478261.65 | 3742700.21 | 0.00172 | 478262.24 | 3742621.47 | 0.00181 | | | |
| 478261.65 | 3742441.85 | 0.00031 | 478263.42 | 3742373.72 | 0.00021 | | | |
| 478263.42 | 3742349.83 | 0.00019 | 480290.16 | 3743075.32 | 0.00068 | | | |
| 480292.20 | 3743224.73 | 0.00066 | 479925.99 | 3743352.56 | 0.00135 | | | |
| 479732.34 | 3743330.22 | 0.00205 | | | | | | |

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
 *** AERMET - VERSION 16216 *** *** Project Only DPM Concentrations (2022) AB3 - Mitigated

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

** CONC OF DPM IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE CONC | RECEPTOR | (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | NETWORK GRID-ID |
|----------|-----------------------|--------------|-------------------------------|-----------------|-----------------|
| ALL | 1ST HIGHEST VALUE IS | 0.01502 AT (| 480049.08, 3743164.29, | 439.00, 439.00, | 0.00) GC UCART1 |
| | 2ND HIGHEST VALUE IS | 0.01489 AT (| 480049.08, 3743114.29, | 439.00, 439.00, | 0.00) GC UCART1 |
| | 3RD HIGHEST VALUE IS | 0.01381 AT (| 480049.08, 3743214.29, | 439.00, 439.00, | 0.00) GC UCART1 |
| | 4TH HIGHEST VALUE IS | 0.01020 AT (| 480088.70, 3743172.03, | 439.00, 439.00, | 0.00) DC |
| | 5TH HIGHEST VALUE IS | 0.00980 AT (| 480088.70, 3743120.51, | 439.00, 439.00, | 0.00) DC |
| | 6TH HIGHEST VALUE IS | 0.00967 AT (| 480088.70, 3743211.58, | 439.00, 439.00, | 0.00) DC |
| | 7TH HIGHEST VALUE IS | 0.00956 AT (| 480049.08, 3743264.29, | 439.00, 439.00, | 0.00) GC UCART1 |
| | 8TH HIGHEST VALUE IS | 0.00818 AT (| 480049.08, 3743064.29, | 439.00, 439.00, | 0.00) GC UCART1 |
| | 9TH HIGHEST VALUE IS | 0.00751 AT (| 480089.36, 3743069.92, | 439.00, 439.00, | 0.00) DC |
| | 10TH HIGHEST VALUE IS | 0.00738 AT (| 480099.08, 3743164.29, | 439.00, 439.00, | 0.00) GC UCART1 |

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** First Industrial Warehouse at Rider and Redlands
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*** 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 1096 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1096 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 ***
