27195 ALMOND AVENUE WAREHOUSE PROJECT HEALTH RISK ASSESSMENT ANALYSIS

County of San Bernardino

October 5, 2022

Traffic Engineering ● Transportation Planning ● Parking ● Noise & Vibration
Air Quality ● Global Climate Change ● Health Risk Assessment

27195 ALMOND AVENUE WAREHOUSE PROJECT HEALTH RISK ASSESSMENT ANALYSIS

County of San Bernardino

October 5, 2022

prepared by
Katie Wilson, MS

GANDDINI GROUP INC.
555 Parkcenter Drive, Suite 225
Santa Ana, CA 92705
(714) 795-3100 | ganddini.com

Project No. 19518

TABLE OF CONTENTS

Appendices

List of Tables

List of Figures

EXECUTIVE SUMMARY

The purpose of this health risk assessment analysis is to provide an assessment of the impacts resulting from the operation of the proposed 27195 Almond Avenue Warehouse project and to identify measures that may be necessary to reduce potentially significant impacts.

Cancer and Non-Cancer-Related Health Risk Impacts

The analysis contained in this report shows that none of the existing sensitive receptors, within the vicinity of the proposed 27195 Almond Avenue Warehouse project, would be exposed to a cancer risk in excess of 10 in a million from diesel particulate matter (DPM) mobile source emissions from the operation of the project. Impacts are considered to be less than significant. No mitigation is required.

The operational health risk impacts for non-cancer related impacts are less than 1.0; therefore, they are also considered to be less significant. No mitigation is required.

1. INTRODUCTION AND SETTING

This section describes the purpose of this health risk assessment, project location, proposed development, and study area. Figure 1 shows the project location map and Figure 2 illustrates the project site plan.

PURPOSE AND OBJECTIVES

This study was performed to address the possibility of cancer and non-cancer risk from project-related mobile source diesel emissions. The objectives of the study include:

- discussion of the cancer risk thresholds of significance
- analysis of the operations related cancer risk from diesel emissions
- recommendations for mitigation measures

The County of San Bernardino is the lead agency for this health risk assessment, in accordance with the California Environmental Quality Act authorizing legislation. Although this is a technical report, every effort has been made to write the report clearly and concisely. To assist the reader with terms unique to air quality, a definition of terms has been provided in Appendix A.

PROJECT LOCATION

The 9.54-acre project site is located at 27195 Almond Avenue, in the unincorporated area of Redlands known as the "Donut-Hole," in the County of San Bernardino, California. The project site is currently vacant. A vicinity map showing the project location is provided on Figure 1.

PROJECT DESCRIPTION

The proposed project involves construction of a new 208,000 square foot building with approximately 6,000 square feet of office space and 202,000 square feet of warehouse use, 24 dock doors, and associated parking for automobiles and trailers. Vehicular access is proposed via two driveways on Almond Avenue. Figure 2 illustrates the proposed site plan.

PHASING AND TIMING

The proposed project is anticipated to be operational in 2024.

SENSITIVE RECEPTORS IN PROJECT VICINITY

Sensitive receptors include residential land uses, schools, day care centers, and other places where people reside, including prisons. The nearest sensitive receptors to the project site are: the existing multi-family residential uses located adjacent to the south and approximately 865 feet to the northeast of the project site. A sports field for the Packinghouse Christian Academy is located approximately 700 feet northwest of the project site.

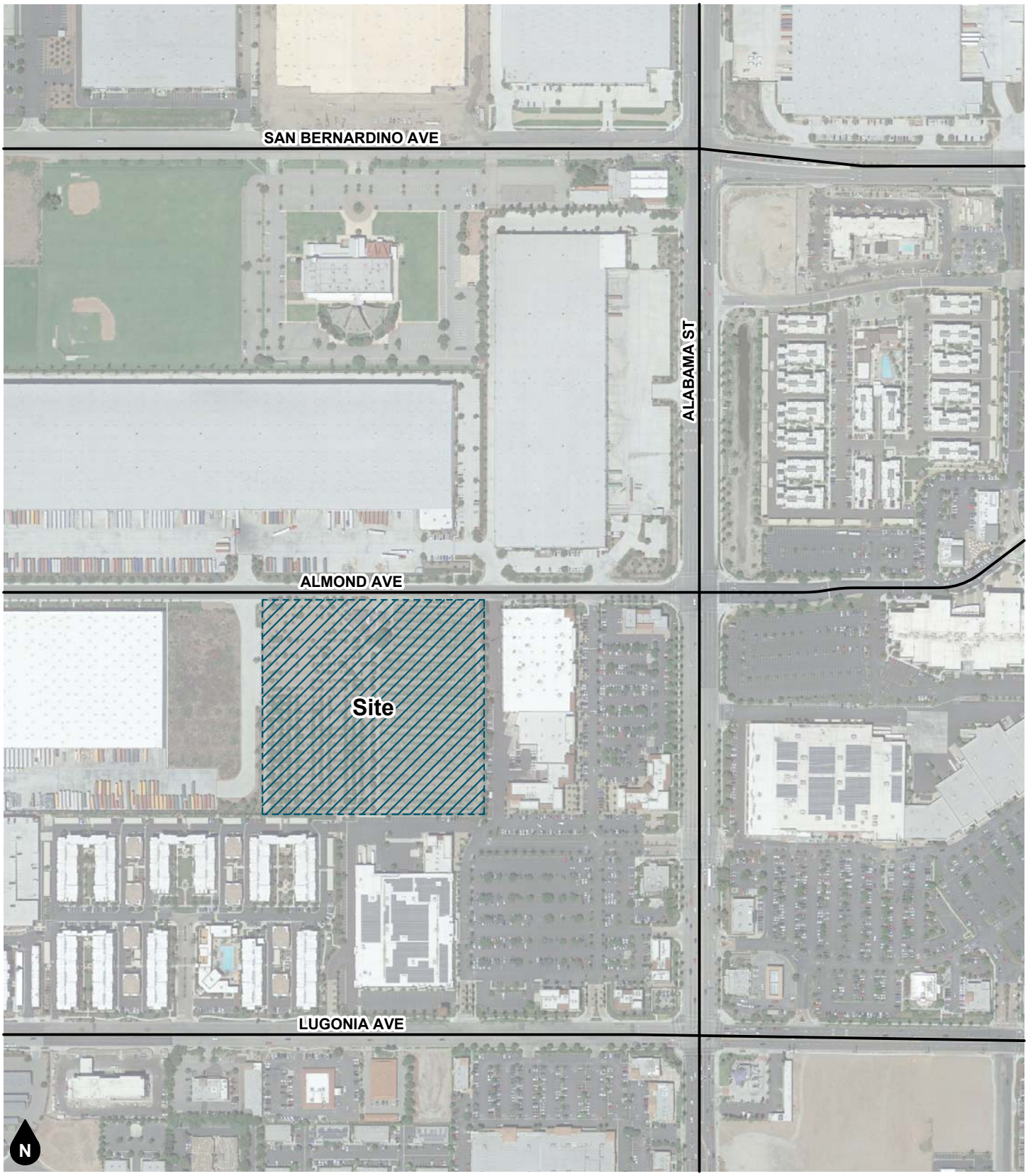


Figure 1
Project Location Map

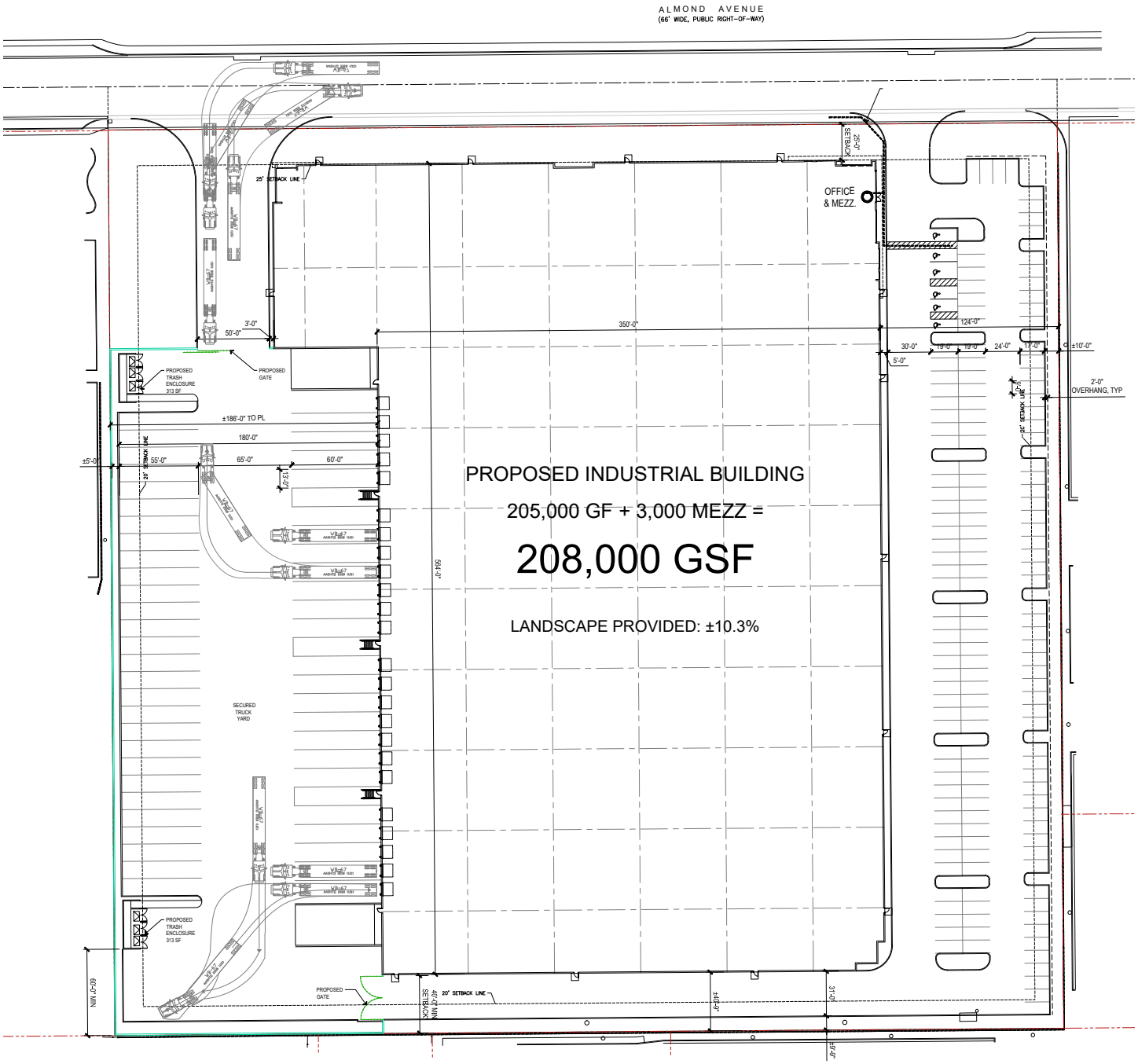


Figure 2
Site Plan

2. POLLUTANTS AND REGULATORY SETTING

POLLUTANTS

Pollutants are generally classified as either criteria pollutants or non-criteria pollutants. Federal ambient air quality standards have been established for criteria pollutants, whereas no ambient standards have been established for non-criteria pollutants. For some criteria pollutants, separate standards have been set for different periods. Most standards have been set to protect public health. For some pollutants, standards have been based on other values (such as protection of crops, protection of materials, or avoidance of nuisance conditions). A summary of federal and state ambient air quality standards is provided in the Regulatory Framework section.

Toxic Air Contaminants

In addition to the above-listed criteria pollutants, toxic air contaminants (TACs) are another group of pollutants of concern. Sources of toxic air contaminants include industrial processes such as petroleum refining and chrome plating operations, commercial operations such as gasoline stations and dry cleaners, and motor vehicle exhaust. Cars and trucks release at least forty different toxic air contaminants. The most important of these toxic air contaminants, in terms of health risk, are diesel particulates, benzene, formaldehyde, 1,3-butadiene, and acetaldehyde. Public exposure to toxic air contaminants can result from emissions from normal operations as well as from accidental releases. Health effects of toxic air contaminants include cancer, birth defects, neurological damage, and death.

Toxic air contaminants are less pervasive in the urban atmosphere than criteria air pollutants, however they are linked to short-term (acute) or long-term (chronic or carcinogenic) adverse human health effects. There are hundreds of different types of toxic air contaminants with varying degrees of toxicity. Sources of toxic air contaminants include industrial processes, commercial operations (e.g., gasoline stations and dry cleaners), and motor vehicle exhaust.

According to the 2013 California Almanac of Emissions and Air Quality, the majority of the estimated health risk from toxic air contaminants can be attributed to relatively few compounds, the most important of which is diesel particulate matter (DPM). Diesel particulate matter is a subset of PM2.5 because the size of diesel particles are typically 2.5 microns and smaller. The identification of diesel particulate matter as a toxic air contaminant in 1998 led the California Air Resources Board (CARB) to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-fueled Engines and Vehicles in September 2000. The plan's goals are a 75-percent reduction in diesel particulate matter by 2010 and an 85-percent reduction by 2020 from the 2000 baseline. Diesel engines emit a complex mixture of air pollutants, composed of gaseous and solid material. The visible emissions in diesel exhaust are known as particulate matter or PM, which includes carbon particles or "soot". Diesel exhaust also contains a variety of harmful gases and over 40 other cancer-causing substances. California's identification of diesel particulate matter as a toxic air contaminant was based on its potential to cause cancer, premature deaths, and other health problems. Exposure to diesel particulate matter is a health hazard, particularly to children whose lungs are still developing and the elderly who may have other serious health problems. Overall, diesel engine emissions are responsible for the majority of California's potential airborne cancer risk from combustion sources.

The California Air Resources Board (CARB) have monitoring networks that measure ambient concentrations of certain TACs that are associated with important health-related effects and are present in appreciable concentrations in the area. The CARB publishes annual Statewide, air basin, and location-specific summaries of the concentration levels of several TACs and their resulting cancer risks[1]. The most recent summary is the CARB Air Quality Almanac for 2013 (CARB 2013). The Almanac presents the relevant concentration and

[1] Cancer risk is expressed as a probability of an individual out of a population of one million contracting cancer via a continuous exposure to TACs over a 30-year lifetime.

cancer risk data for the ten TACs that pose the most substantial health risk in California based on available data. These TACs are: acetaldehyde, benzene, 1,3-butadiene, carbon tetrachloride, hexavalent chromium, para-dichlorobenzene, formaldehyde, methylene chloride, and perchloroethylene. DPM is not directly measured but is indirectly estimated based on fine particulate matter measurements and special studies on the chemical speciation of ambient fine particulate data along with receptor modeling techniques. CARB showed that Diesel PM emissions decreased 37 percent from 2000 to 2010 primarily as a result of more stringent emissions standards and the introduction of cleaner burning diesel fuel. Emissions from diesel mobile sources are projected to continue to decrease after 2010. Overall, statewide emissions are forecasted to decline by 71 per cent between 2000 and 2035. CARB estimates that 78 percent of the known statewide cancer risks are from the top 10 outdoor air toxics in addition to DPM.

Estimates of total cancer risk Statewide have shown a steady decline from the early 1990s when the cancer risk from DPM was estimated to be 1,696 in one million. By the year 2000, the cancer risk was estimated to be 1,005 in one million or a reduction of 41 percent. Reductions in cancer risk are expected to continue into the future as new emission controls are implemented that further reduce DPM emissions, the major component of the total airborne cancer risk.

According to the SCAQMD's MATES-V study, the project area has an estimated, ambient cancer risk of 401 in one million. In comparison, the average cancer risk for San Bernardino County is 439 in one million.

Asbestos

Asbestos is listed as a TAC by the CARB and as a Hazardous Air Pollutant by the United States Environmental Protection Agency (EPA). Asbestos occurs naturally in mineral formations and crushing or breaking these rocks, through construction or other means, can release asbestiform fibers into the air. Asbestos emissions can result from the sale or use of asbestos-containing materials, road surfacing with such materials, grading activities, and surface mining. The risk of disease is dependent upon the intensity and duration of exposure. When inhaled, asbestos fibers may remain in the lungs and with time may be linked to such diseases as asbestosis, lung cancer, and mesothelioma. Naturally occurring asbestos is not present in Los Angeles County. The nearest likely locations of naturally occurring asbestos, as identified in the General Location Guide for Ultramafic Rocks in California prepared by the California Division of Mines and Geology, is located in is located at Asbestos Mountain in the San Jacinto Valley; approximately 53 miles southeast of the site. Due to the distance to the nearest natural occurrences of asbestos, the project site is not likely to contain asbestos

REGULATORY SETTING

The proposed project is addressed through the efforts of various international, federal, state, regional, and local government agencies. These agencies work jointly, as well as individually, to improve air quality through legislation, regulations, planning, policy making, education, and a variety of programs. The agencies responsible for improving the air quality are discussed below.

Federal – United States Environmental Protection Agency (EPA)

The EPA is responsible for setting and enforcing the National Ambient Air Quality Standards (NAAQS) for atmospheric pollutants. It regulates emission sources that are under the exclusive authority of the federal government, such as aircraft, ships, and certain locomotives. The National Ambient Air Quality Standards (NAAQS) pollutants were identified using medical evidence.

As part of its enforcement responsibilities, the EPA requires each state with federal nonattainment areas to prepare and submit a State Implementation Plan (SIP) that demonstrates the means to attain the national standards. The State Implementation Plan (SIP) must integrate federal, state, and local components and regulations to identify specific measures to reduce pollution, using a combination of performance standards and market-based programs within the timeframe identified in the State Implementation Plan (SIP).

State – California Air Resources Board

The CARB, which is a part of the California Environmental Protection Agency, is responsible for the coordination and administration of both federal and state air pollution control programs within California. In this capacity, the CARB conducts research, sets the California Ambient Air Quality Standards (CAAQS), compiles emission inventories, develops suggested control measures, provides oversight of local programs, and prepares the State Implementation Plan (SIP). In addition, the CARB establishes emission standards for motor vehicles sold in California, consumer products (e.g., hairspray, aerosol paints, and barbeque lighter fluid), and various types of commercial equipment. It also sets fuel specifications to further reduce vehicular emissions.

CARB Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling adopts new section 2485 within Chapter 10, Article 1, Division 3, title 13 in the California Code of Regulations. The measure limits the idling of diesel vehicles (i.e., commercial trucks over 10,000 pounds) to reduce emissions of toxics and criteria pollutants. The driver of any vehicle subject to this section: (1) shall not idle the vehicle's primary diesel engine for greater than five minutes at any location; and (2) shall not idle a diesel-fueled auxiliary power system for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools).

CARB Requirements to Reduce Idling Emissions from New and In-Use Trucks. Amendments were made to Title 13 in California Code of Regulations in Sections 1956.8, 2404, 2424, 2425, and 2485. The amendment states: "all new 2008 and subsequent model-year heavy-duty diesel engines shall be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to 'neutral' or 'park,' and the parking brake is engaged. If the parking brake is not engaged, then the engine shutdown system shall shut down the engine after 900 seconds of continuous idling operation once the vehicle is stopped and the transmission is set to 'neutral' or 'park.'" There are a few conditions where the engine shutdown system can be overridden to prevent engine damage. Any project trucks manufactured after 2008 would be consistent with this rule, which would ultimately reduce air emissions.

Statewide Truck and Bus Regulation (Regulation to Reduce Emissions of DPM, Oxides of Nitrogen and Other Criteria Pollutants, from In-Use Heavy-Duty Diesel-Fueled Vehicles, Title 13, California Code of Regulations, Section 2025). On December 12, 2008, the ARB approved this regulation to reduce emissions from existing on-road diesel trucks and buses operating in California. This regulation applies to all on-road heavy-duty diesel-fueled vehicles with a gross vehicle weight rating greater than 14,000 pounds, agricultural yard trucks with off-road certified engines, and certain diesel fueled shuttle vehicles of any gross vehicle weight rating. Out-of-state trucks and buses that operate in California are also subject. Under the regulation, older, heavier trucks (i.e., those with pre-2000-year engines and a gross vehicle weight rating greater than 26,000 pounds), are required to have installed a particulate matter filter and must be replaced with a 2010 engine between 2015 and 2020, depending on the model year. By 2015, all heavier pre-1994 trucks must be upgraded to 2010 engines and newer trucks are thereafter required to be replaced over the next eight years. Older, more polluting trucks are required to be replaced first, while trucks that already have relatively clean 2007-2009 engines are not required to be replaced until 2023. Lighter trucks (14,001-26,000 pounds) must adhere to a similar schedule. Furthermore, nearly all trucks that are not required under the Truck and Bus Regulation to be replaced by 2015 were required to be upgraded with a particulate matter filter by that date.

The CARB is also responsible for regulations pertaining to toxic air contaminants. The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly) was enacted in 1987 as a means to establish a formal air toxics emission inventory risk quantification program. AB 2588, as amended, establishes a process that requires stationary sources to report the type and quantities of certain substances their facilities routinely release into the air basin. The data is ranked by high, intermediate, and low categories, which are determined by: the potency, toxicity, quantity, volume, and proximity of the facility to nearby receptors.

AB 617 Nonvehicular air pollution: criteria air pollutants and toxic air contaminants

This bill requires the state board to develop a uniform statewide system of annual reporting of emissions of criteria air pollutants and toxic air contaminants for use by certain categories of stationary sources. The bill requires those stationary sources to report their annual emissions of criteria air pollutants and toxic air contaminants, as specified. This bill required the state board, by October 1, 2018, to prepare a monitoring plan regarding technologies for monitoring criteria air pollutants and toxic air contaminants and the need for and benefits of additional community air monitoring systems, as defined. The bill requires the state board to select, based on the monitoring plan, the highest priority locations in the state for the deployment of community air monitoring systems. The bill requires an air district containing a selected location, by July 1, 2019, to deploy a system in the selected location. The bill would authorize the air district to require a stationary source that emits air pollutants in, or that materially affect, the selected location to deploy a fence-line monitoring system, as defined, or other specified real-time, on-site monitoring. The bill authorized the state board, by January 1, 2020, and annually thereafter, to select additional locations for the deployment of the systems. The bill would require air districts that have deployed a system to provide to the state board air quality data produced by the system. By increasing the duties of air districts, this bill would impose a state-mandated local program. The bill requires the state board to publish the data on its Internet Web site.

Regional

The project site is located in the unincorporated area of Redlands known as the "Donut-Hole," in the County of San Bernardino, which is part of the South Coast Air Basin (SCAB) that includes all of Orange County as well as the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. The South Coast Air Basin is located on a coastal plain with connecting broad valleys and low hills to the east. Regionally, the South Coast Air Basin is bounded by the Pacific Ocean to the southwest and high mountains to the east forming the inland perimeter.

SCAQMD

The SCAQMD is the agency principally responsible for comprehensive air pollution control in the South Coast Air Basin. To that end, as a regional agency, the SCAQMD works directly with the Southern California Association of Governments (SCAG), county transportation commissions, and local governments and cooperates actively with all federal and state agencies.

In addition to attaining and maintaining air quality standards set by State and Federal Governments, the District is also responsible for ensuring that toxic air pollutants do not pose a nuisance or significant health threat to the surrounding community. Every year, the State's Air Toxics Hot Spots program (AB 2588) requires the District to quantify and assess health risks from subject facilities to nearby residents, notify affected residents of significant risks, and to reduce those significant health risks to acceptable levels.

SCAQMD Rule 2305

The Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program aims to reduce nitrogen oxide and diesel emissions associated with warehouses, help meet federal standards and improve public health. The WAIRE Program is an indirect source rule that regulates warehouse facilities to reduce emissions from the goods movement industry. Owners and operators of warehouses that have 100,000 square feet or more of indoor floor space in a single building must comply with the WAIRE Program. WAIRE is a menu-based point system in which warehouse operators are required to earn a specific number of points every year. The yearly number of points required is based on the number of trucks trips made to and from the warehouse each year, with larger trucks such as tractors or tractor-trailers multiplied by 2.5. Warehouse operators may be exempt from parts of the rule if they operate less than 50,000 square feet of warehousing activities, if the number of points required is less than 10, or if the WAIRE menu action chosen under performs due to circumstances beyond the operator's control, such as a manufacturer defect. SCAQMD Rule 316 establishes fees to fund Rule 2305 compliance activities.

Health Risk Significant Thresholds

According to the SCAQMD CEQA Handbook, any project that has the potential to expose the public to toxic air contaminants in excess of the following thresholds would be considered to have a significant air quality impact:

- If the Maximum Incremental Cancer Risk (MICR) is 10 in one million or greater; or
- Toxic air contaminants from the proposed project would result in a Hazard Index increase of 1 or greater.

In order to determine if the proposed project may have a significant impact related to hazardous air pollutants (HAP), the Health Risk Assessment Guidance for analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis, (Diesel Analysis), prepared by SCAQMD, August 2003, recommends that if the proposed project is anticipated to create hazardous air pollutants through stationary sources or regular operations of diesel trucks on the project site, then the proximity of the nearest receptors to the source of the hazardous air pollutants and the toxicity of the hazardous air pollutants should be analyzed through a comprehensive facility-wide health risk assessment (HRA).

As determined in the *California Building Industry Association v. Bay Area Air Quality Management District* (2015) 62 Cal. 4th 369 (CBIA) case the California Supreme Court determined that CEQA does not generally require an impact analysis of the existing environmental conditions on the future residents of a proposed project and generally only requires an analysis of the proposed project's impact on the environment. However, the CBIA case also stated that when a proposed project brings development and people into an area already subject to specific hazards and the new development/people exacerbate the existing hazards, then CEQA requires an analysis of the hazards and the proposed project's effect in terms of increasing the risks related to those hazards. Regarding air quality hazards, TACs are defined as substances that may cause or contribute to an increase in deaths or in serious illness, or that may pose a present or potential hazard to human health. As such, if a proposed project would not exacerbate pre-existing hazards (e.g., TAC health risks) then an analysis of those hazards and the proposed project's effect on increasing those hazards is not required.

However, the project is an industrial warehouse and will be a source of operational toxic air contaminants; therefore, an HRA was conducted.

3. DIESEL EMISSIONS HEALTH RISK ASSESSMENT

The on-going operation of the proposed project would generate toxic air contaminant emissions from diesel truck emissions created by the on-going operations of the proposed project.

According to SCAQMD methodology, health effects from carcinogenic air toxics are usually described in terms of individual cancer risk. "Individual Cancer Risk" is the likelihood that a person exposed to concentrations of toxic air contaminants over a 30-year lifetime will contract cancer, based on the use of revised Office of Environmental Health Hazard Assessment (OEHHA) risk-assessment methodology.

A health risk assessment requires the completion and interaction of four general steps:

(1) Quantify project-generated TAC emissions.
(2) Identify nearby ground-level receptor locations that may be affected by the emissions (including any special sensitive receptor locations such as residences, schools, hospitals, convalescent homes, and daycare centers).
(3) Perform air dispersion modeling analyses to estimate ambient pollutant concentrations at each receptor location using project TAC emissions and representative meteorological data to define the transport and dispersion of those emissions in the atmosphere.
(4) Characterize and compare the calculated health risks with the applicable health risk significance thresholds.

EMISSIONS INVENTORY DEVELOPMENT

Important issues that affect the dispersion modeling include the following: (1) Model Selection, (2) Source Treatment, (3) Meteorological Data, and (4) Receptor Grid. Each of these issues is addressed below.

Emission Source Estimates – DPM for Motor Vehicles

DPM emissions from the various sources were calculated using information derived from the project description, and mobile source emission factors from the CARB EMFAC2021 emissions factor model. Truck mix information was obtained from the *27195 Almond Avenue Transportation Study Screening Assessment* (Ganddini, July 26, 2022) ("TIA").

Four pieces of information are required to generate the mobile source emissions from the proposed project:

- Number of vehicle trips for each component of the proposed project;
- Types of vehicles that access the proposed project (passenger car vs. heavy-duty truck and gasoline vs. diesel);
- The allocation of the vehicle trips to each building that comprises the proposed project; and
- Estimate of the vehicle emission factors for estimating exhaust and idling emissions.

Estimate of Vehicle Trips and Vehicle Types

The TIA showed the project is expected to generate approximately 377 (non-passenger car equivalents) vehicle trips per day. Of those vehicle trips, 329 are automobile round trips, 8 are 2-axle truck round trips, 10 are 3-axle truck round trips, and 30 are 4+-axle truck round trips per day. The total number of project ruck trips per day is 48.

Estimate of Emission Factors

The DPM emission factors for the various vehicle types were derived from the CARB EMFAC2021 mobile source emission model. PM2.5 exhaust emissions were used as a surrogate for DPM. The emissions factors

were derived for San Bernardino County. Third trimester exposure used opening year (2024) emissions factors, 2-year factors (for infant exposure) reflect years 2025 and 2026, 14-year average factors (for child exposure during years 2-16) reflect emissions during the first 14 years of operation (2027 to 2040), the second 14 years of exposure (years 2041-2054) were used for assessment of exposure during years 16 to 30.

Emissions factors were estimated to establish the emissions generated while the vehicles travel off-site, along travel links from the entrance to the loading docks, and while idling at the entrance/exit gate and loading dock during loading or unloading materials. All vehicles were assumed to travel on-site at a speed of 10 miles per hour. Off-site, the speeds along the roads were anticipated to average 35 miles per hour. Delivery vehicles were assumed to idle for a maximum of 15 minutes per vehicle per day (5 minutes per location: at the entrance and exit driveways and at the loading docks), in keeping with the CARB Air Toxic Control Measure (ATCM), which regulates truck idling time (CARB 2005). The four different sets of emissions factors used in this assessment are detailed in Table 1. It should be noted that the DPM emissions on both the gram per mile and gram per idle hour bases decline beyond 2024 for all vehicle classes and in particular the heavy-heavy-duty truck class (the 4+ axle "big rig" trucks). This is due to the CARB emissions' requirements on heavy-duty trucks that call for either the replacement of older trucks with cleaner trucks or the installation of diesel particulate matter filters on the truck fleet.

Emission Source Characterization

Each of the emission source types described above also requires geometrical and emission release specifications for use in the air dispersion model. An average truck height of 13.5 feet and average truck width of 8.5 feet were entered into the haul road calculator in AERMOD in order to calculate the plume height and release height for the line sources. Table 2 provides a summary of the assumptions used to configure the various emission sources. The following definitions are used to characterize the emission source geometrical configurations referred to in Table 2:

- Point source: A single, identifiable, local source of emissions; it is approximated in the AERMOD air dispersion model as a mathematical point in the modeling region with a location and emission characteristics such as height of release, temperature, etc., for example, a truck idle location where emissions are sourced from the truck's exhaust stack while the vehicle is stationary.

- Line source: A series of volume sources along a path, for example, vehicular traffic volumes along a roadway.

Figure 3 provides the location of the project buildings, DPM emission source locations, and the locations of the nearest sensitive receptors (the existing multi-family residential uses located adjacent to the south and approximately 865 feet to the northeast of the project site. A receptor was also placed at the sports field for the Packinghouse Christian Academy located approximately 700 feet northwest of the project site. Sensitive receptors are shown as orange triangles labeled 1 through 8 and the sports field receptor is labeled as Sch field_9. The direction of on-site and off-site truck travel was obtained from the site plan and the TIA.

RECEPTOR NETWORK

The assessment requires that a network of receptors be specified where the impacts can be computed at the various locations surrounding the project. Receptors were located at existing sensitive receptors surrounding the proposed project (as detailed above). In addition, the identified sensitive receptor locations were supplemented by the specification of a modeling grid that extended around the proposed project to identify other potential locations of impact. As stated above, the locations of the receptors are shown as orange triangles on Figure 3.

DISPERSION MODELING

The next step in the assessment process utilizes the emissions inventory along with a mathematical air dispersion model and representative meteorological data to calculate impacts at the various receptor locations. The dispersion model used in this assessment is described below.

Model Selection

The assessment of air quality and health risk impacts from pollutant emissions from this project applied the USEPA AERMOD Model, which is the air dispersion model accepted by the SCAQMD for performing air quality impact analyses. AERMOD predicts pollutant concentrations from point, area, volume, line, and flare sources with variable emissions in terrain from flat to complex with the inclusion of building downwash effects from buildings on pollutant dispersion. It captures the essential atmospheric physical processes and provides reasonable estimates over a wide range of meteorological conditions and modeling scenarios. AERMOD View Version 11.0.0, EPA version No. 22112, was utilized for this analysis.

General Model Assumptions

A summary of Emission Configurations is shown in Table 2. The basic options used in the dispersion modeling are summarized in Table 3.

As indicated in Table 3 the analysis takes into account the effects of building downwash on the dispersion of emissions from the various sources located on the project's property. Building downwash occurs when the aerodynamic turbulence, induced by nearby buildings, causes pollutants emitted from an elevated source to be mixed rapidly toward the ground (downwash), resulting in potentially higher ground-level concentrations than if the buildings were not present. The AERMOD dispersion model contains algorithms to account for building downwash effects. The required information includes the location of the emission source; the location of adjacent buildings; and the building geometry in terms of length, width, and height. For purposes of this analysis, the emission source and building locations were taken from the project site plan. The proposed building geometries were estimated from the project plans, assuming a building height of 35 feet.

Meteorological Data

Meteorological data (processed with the ADJ_U option) from the Air District's Redlands monitoring site was selected for this modeling application. Five full years of sequential meteorological data was collected at the site from January 1, 2012 to December 31, 2016 by the SCAQMD. The SCAQMD processed the data for input to the model. The data was obtained at SCAQMD's https://www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/data-for-aermod (see Figure 4).

ESTIMATION OF HEALTH RISKS

Health risks from diesel particulate matter are twofold. First, diesel particulate matter is a carcinogen according to the State of California. Second, long-term chronic exposure to diesel particulate matter can cause health effects to the respiratory system. Each of these health risks is discussed below.

Cancer Risks

According to the *Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments*, released by the Office of Environmental Health Hazard Assessment (OEHHA) in February 2015 and formally adopted in March 2015, the residential inhalation dose for cancer risk assessment should be calculated using the following formula:

[Dose-air (mg/(Kg-day)]*Cancer Potency*[1x10^{-6}] = Potential Cancer Risk

Where:
Cancer Potency Factor = 1.1
Dose-inh = (C¬air * DBR * A * EF * ED *ASF*FAH* 10-6) / AT

Where:

Cair [Concentration in air (µg/m^3)] = (Calculated by AERMOD Model)

DBR [Daily breathing rate (L/kg body weight – day)] = 261 for adults, 572 for children, and 1,090 for infants, and 361 for 3rd trimester per SCAQMD Permit Application Package "N" Table 4.1 D guidance.

A [Inhalation absorption factor] = 1

EF [Exposure frequency (days/year)] = 350

ED [Exposure duration (years)] = 30 for adults (for an individual who is an adult at opening year), 14 for children (from 2-16 years), 14 for adults (from 16-30 years), 2 for infants, and 1 for 3rd Trimester

ASF [Age sensitivity factor) = 10 for 3rd trimester to 2 years of age, 3 for 2 to 16 years of age, and 1 for 16 to 30 years of age

FAH [Fraction of time spent at home] = 1 for 3rd trimester to 2 years of age, 1 for 2 to 16 years of age, and 0.73 for 16 to 30 years of age

10^6 [Micrograms to milligrams conversion]

AT [Average time period over which exposure is averaged in days] = 25,550

The model run results are shown in Appendix B. Figure 5 illustrates the cancer risk to the most affected age-group, infants (0-2 years).

Table 4 shows the cancer risk for the unborn child during the 3rd trimester, Table 5 shows the cancer risk to infants (0-2 years), Table 6 shows the cancer risk to children ages 2 to 16 years and Table 7shows the cancer risk as that child becomes an adult (years 16-30). The highest cancer risk corresponds to infant cancer risk 0-2 years (see Table 5), and is at receptor 1, with a maximum risk of 0.151 in one million. The maximum 3rd trimester (0.25-year) cancer risk is at receptors 1; with a maximum cancer risk of 0.011 in a million. The highest child (2-16 years) cancer risk is at receptor 1; with a maximum risk of 0.141 in one million. The highest adult (16-30 years) cancer risk is also at receptor 1; with a maximum risk of 0.014 in one million. Therefore, no infants, children or adults are exposed to cancer risks in excess of 10 in a million.

The assessment of cancer-related health risk to sensitive receptors within the project vicinity is based on the following most-conservative scenario:

An unborn child in its 3rd trimester is potentially exposed to DPM emissions (via exposure of the mother) during the opening year. That child is born opening year and then remains at home for the entire first two years of life. From age 2 to 16, the child remains at home 100 percent of the time. From age 16 to 30, the child continues to live at home, growing into an adult that spends 73 percent of its time at home and lives there until age 30.

Based on the above, ultra-conservative assumptions, the 30.25-year, cumulative carcinogenic health risk (3rd trimester [-0.25 to 0 years] + infant [0-2 years] + child [2-16 years] + adult [16-30 years]) to an individual born during the opening year of the project and located in the project vicinity for the entire 30-year duration, is a maximum of 0.32 in a million at receptor location 1, as shown in Table 8. Therefore, as the maximum incremental cancer risk (MICR) does not exceed 10 in a million at any sensitive receptor location, the on-going operations of the proposed project would result in a less than significant impact due to the cancer risk from diesel emissions created by the proposed project.

Non-Cancer Risks

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

HIDPM = CDPM/RELDPM

Where,

HIDPM	=	Hazard Index; an expression of the potential for non-cancer health effects.
CDPM	=	Annual average diesel particulate matter concentration in µg/m3.
RELDPM	=	Reference Exposure Level (REL) for diesel particulate matter; the diesel particulate matter concentration at which no adverse health effects are anticipated.

The non-carcinogenic hazards to adult, child and infant receptors are also detailed in Tables 5 through 8 column (j). The RELDPM is 5 µg/m3. The Office of Environmental Health Hazard Assessment as protective for the respiratory system has established this concentration. Using the maximum DPM concentration from years 2024-2054, the resulting Hazard Index is:

HIDPM = 0.00079/5 = 0.0002

The criterion for significance is a Hazard Index increase of 1.0 or greater. Therefore, the on-going operations of the proposed project would result in a less than significant impact due to the non-cancer risk from diesel emissions created by the proposed project.

Table 1
DPM Emissions Factors for the Proposed Project

Vehicle Class	1-Year Average (Opening Year-2024)		
	Idling (g/hr)	On-Site Travel (g/mi)	Off-Site Travel (g/mi)
Light Heavy Duty Truck 2	0.77769	0.05435	0.02193
Medium Heavy Duty Truck	0.07273	0.03833	0.00897
Heavy Heavy Duty Truck	0.01537	0.01217	0.00826

Vehicle Class	2-Year Average (2025-2026)		
	Idling (g/hr)	On-Site Travel (g/mi)	Off-Site Travel (g/mi)
Light Heavy Duty Truck 2	0.77753	0.04865	0.02001
Medium Heavy Duty Truck	0.05503	0.02941	0.00714
Heavy Heavy Duty Truck	0.01428	0.01163	0.00785

Vehicle Class	14-Year Average (First 14 years of Operation - 2027-2040)		
	Idling (g/hr)	On-Site Travel (g/mi)	Off-Site Travel (g/mi)
Light Heavy Duty Truck 2	0.76775	0.03871	0.01716
Medium Heavy Duty Truck	0.01857	0.00993	0.00305
Heavy Heavy Duty Truck	0.01107	0.00948	0.00644

Vehicle Class	14-Year Average (Second 14 years of Operation - 2041-2054)		
	Idling (g/hr)	On-Site Travel (g/mi)	Off-Site Travel (g/mi)
Light Heavy Duty Truck 2	0.76173	0.03537	0.01654
Medium Heavy Duty Truck	0.00731	0.00320	0.00151
Heavy Heavy Duty Truck	0.00973	0.00818	0.00564

Notes:

Source: EMFAC2021.

Table 2
Summary of Emission Configurations

Emission Source Type	Geometric Configuration	Relevant Assumptions
Off-Site Diesel Truck Traffic	Line Sources	Stack release height: 3.5 m
		Vehicle speed: 35 mph
		Length of the line source from the project driveway along Almond Avenue to north and south along Alabama Street.
		Vehicle types: heavy-heavy-duty, medium-heavy-duty and light-heavy-duty diesel delivery trucks
		Emission factor: CARB EMFAC2021
On-Site Diesel Truck Traffic	Line Sources	Stack release height: 3.5 m
		Vehicle speed: 10 mph
		Length of the line source from the project driveway along the entire length of the loading dock area.
		Vehicle types: heavy-heavy-duty, medium-heavy-duty and light-heavy-duty diesel delivery trucks
		Emission factor: CARB EMFAC2021
On-Site Diesel Truck Idling	Point Sources located at loading dock and entrance/exit gate on-site.	Stack release height: 3.5 m
		Stack release characteristics
		> Stack diameter: 0.1 meter (0.3 feet)
		> Stack velocity: 51.9 mps (170 feet/sec)
		> Stack temperature: 366 °k (200° F)
		Idle time: 15 minutes per truck per day
		Vehicle types: heavy-heavy-duty, medium-heavy-duty and light-heavy-duty diesel delivery trucks
		Emission factor: CARB EMFAC2021

Table 3
General Modeling Assumptions - AERMOD Model

Feature	Option Selected
Terrain processing	AERMAP - NED GEOTIFF 30 m
Emission source configuration	See Table 2
Regulatory dispersion options	Default
Land use	Urban
Coordinate system	UTM, Zone 11 north
Building downwash	Included in calculations
Receptor height	0 meters above ground (per OEHHA methodology)
Meteorological data	SCAQMD Redlands Meteorological Data

Table 4
Carcinogenic Risks and Non-Carcinogenic 3rd Trimester Exposure Scenario (0.25-Year)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.00079	7.9E-07	1.00E+00	DPM	1.1E+00	0.011	5.0E+00	1.4E-03	0.0002
2	0.00064	6.4E-07	1.00E+00	DPM	1.1E+00	0.009	5.0E+00	1.4E-03	0.0001
3	0.00051	5.1E-07	1.00E+00	DPM	1.1E+00	0.007	5.0E+00	1.4E-03	0.0001
4	0.00045	4.5E-07	1.00E+00	DPM	1.1E+00	0.006	5.0E+00	1.4E-03	0.0001
5	0.00039	3.9E-07	1.00E+00	DPM	1.1E+00	0.005	5.0E+00	1.4E-03	0.0001
6	0.00038	3.8E-07	1.00E+00	DPM	1.1E+00	0.005	5.0E+00	1.4E-03	0.0001
7	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
8	0.00023	2.3E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
Sch field_9	0.00021	2.1E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000

Notes:

OEHHA 95th percentile Exposure factors used to calculate TAC intake:

Exposure Frequency (days/year)	350
Exposure Duration (years)	0.25
Daily Breathing Rate	361
Age Sensitivity Factor	10
Fraction of Time At Home (FAH)	1
Averaging Time $_{(cancer)}$ (days)	25550
Averaging Time $_{(non\text{-}cancer)}$ (days)	91.25

E= 10^{X}, i.e. E-02 = 10^{-2}

Table 5
Carcinogenic Risks and Non-Carcinogenic Infant Exposure Scenario (2-Year)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.00046	4.6E-07	1.00E+00	DPM	1.1E+00	0.151	5.0E+00	1.4E-03	0.0001
2	0.00038	3.8E-07	1.00E+00	DPM	1.1E+00	0.125	5.0E+00	1.4E-03	0.0001
3	0.00029	2.9E-07	1.00E+00	DPM	1.1E+00	0.095	5.0E+00	1.4E-03	0.0001
4	0.00026	2.6E-07	1.00E+00	DPM	1.1E+00	0.085	5.0E+00	1.4E-03	0.0001
5	0.00022	2.2E-07	1.00E+00	DPM	1.1E+00	0.072	5.0E+00	1.4E-03	0.0000
6	0.00021	2.1E-07	1.00E+00	DPM	1.1E+00	0.069	5.0E+00	1.4E-03	0.0000
7	0.00011	1.1E-07	1.00E+00	DPM	1.1E+00	0.036	5.0E+00	1.4E-03	0.0000
8	0.00015	1.5E-07	1.00E+00	DPM	1.1E+00	0.049	5.0E+00	1.4E-03	0.0000
Sch field_9	0.00012	1.9E-04	1.00E+00	DPM	1.1E+00	0.039	5.0E+00	1.4E-03	0.0000

Notes:

OEHHA 95th percentile Exposure factors used to calculate TAC intake

Exposure Frequency (days/year)	350
Exposure Duration (years)	2
Daily Breathing Rate	1090
Age Sensitivity Factor	10
Fraction of Time At Home (FAH)	1
Averaging Time $_{(cancer)}$ (days)	25550
Averaging Time $_{(non\text{-}cancer)}$ (days)	730

E= 10^{X}, i.e. E-02 = 10^{-2}

Table 6
Carcinogenic Risks and Non-Carcinogenic Child Exposure Scenario (2-16 Years)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.00039	3.9E-07	1.00E+00	DPM	1.1E+00	0.141	5.0E+00	1.4E-03	0.0001
2	0.00031	3.1E-07	1.00E+00	DPM	1.1E+00	0.112	5.0E+00	1.4E-03	0.0001
3	0.00025	2.5E-07	1.00E+00	DPM	1.1E+00	0.091	5.0E+00	1.4E-03	0.0001
4	0.00022	2.2E-07	1.00E+00	DPM	1.1E+00	0.080	5.0E+00	1.4E-03	0.0000
5	0.00019	1.9E-07	1.00E+00	DPM	1.1E+00	0.069	5.0E+00	1.4E-03	0.0000
6	0.00018	1.8E-07	1.00E+00	DPM	1.1E+00	0.065	5.0E+00	1.4E-03	0.0000
7	0.0001	1.0E-07	1.00E+00	DPM	1.1E+00	0.036	5.0E+00	1.4E-03	0.0000
8	0.00013	1.3E-07	1.00E+00	DPM	1.1E+00	0.047	5.0E+00	1.4E-03	0.0000
Sch field_9	0.0001	1.0E-07	1.00E+00	DPM	1.1E+00	0.036	5.0E+00	1.4E-03	0.0000

Notes:

OEHHA 95th percentile Exposure factors used to calculate TAC intake

Exposure Frequency (days/year)	350
Exposure Duration (years)	14
Daily Breathing Rate	572
Age Sensitivity Factor	3
Fraction of Time At Home (FAH)	1
Averaging Time $_{(cancer)}$ (days)	25550
Averaging Time $_{(non\text{-}cancer)}$ (days)	5110

E= 10^{X}, i.e. E-02 = 10^{-2}

Table 7

Carcinogenic Risks and Non-Carcinogenic Hazards Adult Exposure Scenario (16-30 Years)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.00036	3.6E-07	1.00E+00	DPM	1.1E+00	0.014	5.0E+00	1.4E-03	0.0001
2	0.00029	2.9E-07	1.00E+00	DPM	1.1E+00	0.012	5.0E+00	1.4E-03	0.0001
3	0.00023	2.3E-07	1.00E+00	DPM	1.1E+00	0.009	5.0E+00	1.4E-03	0.0000
4	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.008	5.0E+00	1.4E-03	0.0000
5	0.00017	1.7E-07	1.00E+00	DPM	1.1E+00	0.007	5.0E+00	1.4E-03	0.0000
6	0.00017	1.7E-07	1.00E+00	DPM	1.1E+00	0.007	5.0E+00	1.4E-03	0.0000
7	0.00009	9.0E-08	1.00E+00	DPM	1.1E+00	0.004	5.0E+00	1.4E-03	0.0000
8	0.00009	9.0E-08	1.00E+00	DPM	1.1E+00	0.004	5.0E+00	1.4E-03	0.0000
Sch field_9	0.00009	9.0E-08	1.00E+00	DPM	1.1E+00	0.004	5.0E+00	1.4E-03	0.0000

Notes:

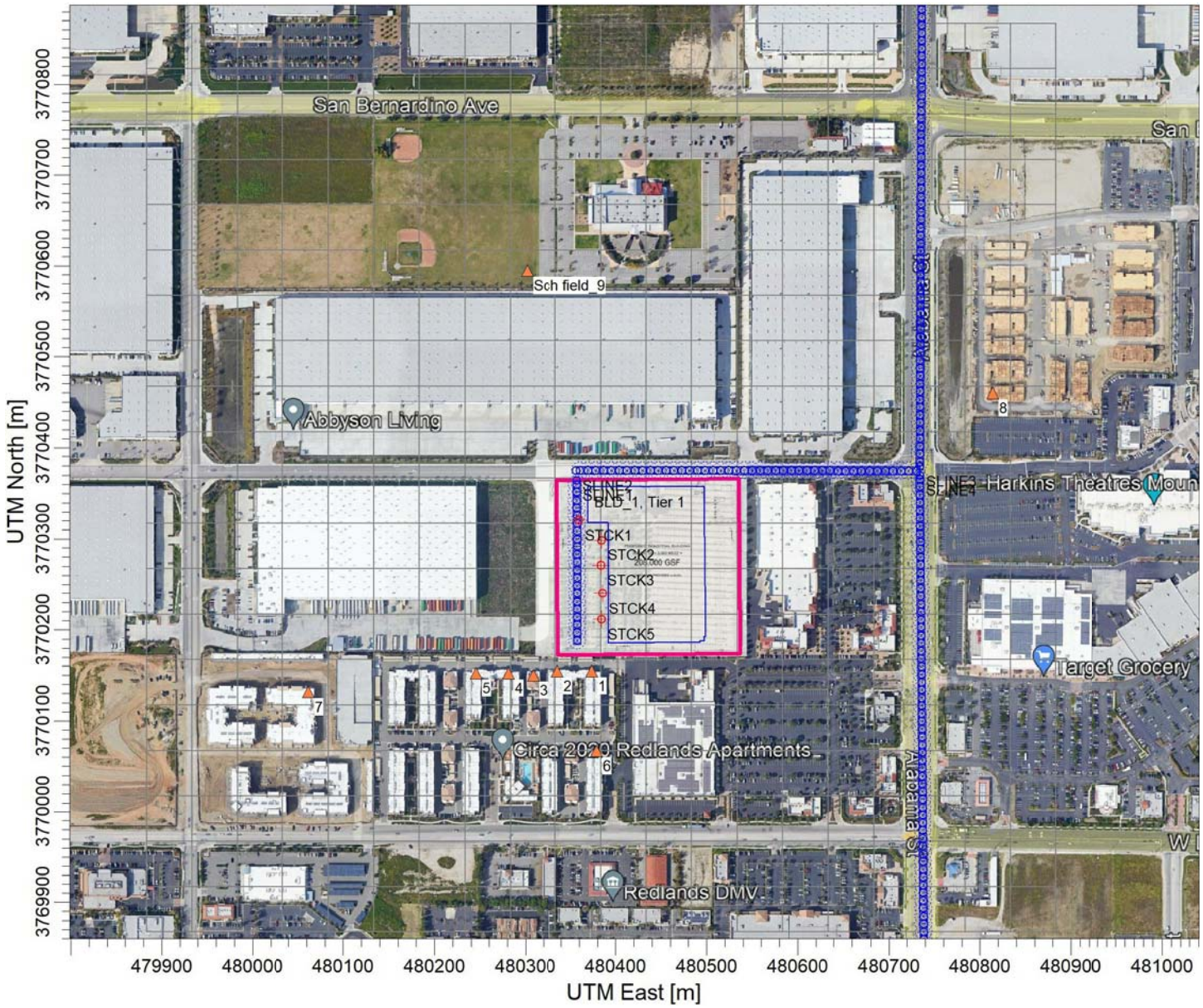
OEHHA 95th percentile Exposure factors used to calculate TAC intake

Exposure Frequency (days/year)	350
Exposure Duration (years)	14
Daily Breathing Rate	261
Age Sensitivity Factor	1
Fraction of Time At Home (FAH)	0.73
Averaging Time $_{(cancer)}$ (days)	25550
Averaging Time $_{(non\text{-}cancer)}$ (days)	5110

E= 10^{X}, i.e. E-02 = 10^{-2}

Table 8
Cumulative Carcinogenic Risk 30.25-Year Exposure Scenario

Receptor ID	Cumulative RISK (per million)
1	0.32
2	0.26
3	0.20
4	0.18
5	0.15
6	0.15
7	0.08
8	0.10
Sch field_9	0.08



N

Legend

Project Site Boundary
On/Off Site Truck Travel
Truck Idling Locations
Discrete Receptors
Cartesian Receptors

Figure 3
AERMOD Model Source and Receptor Placement

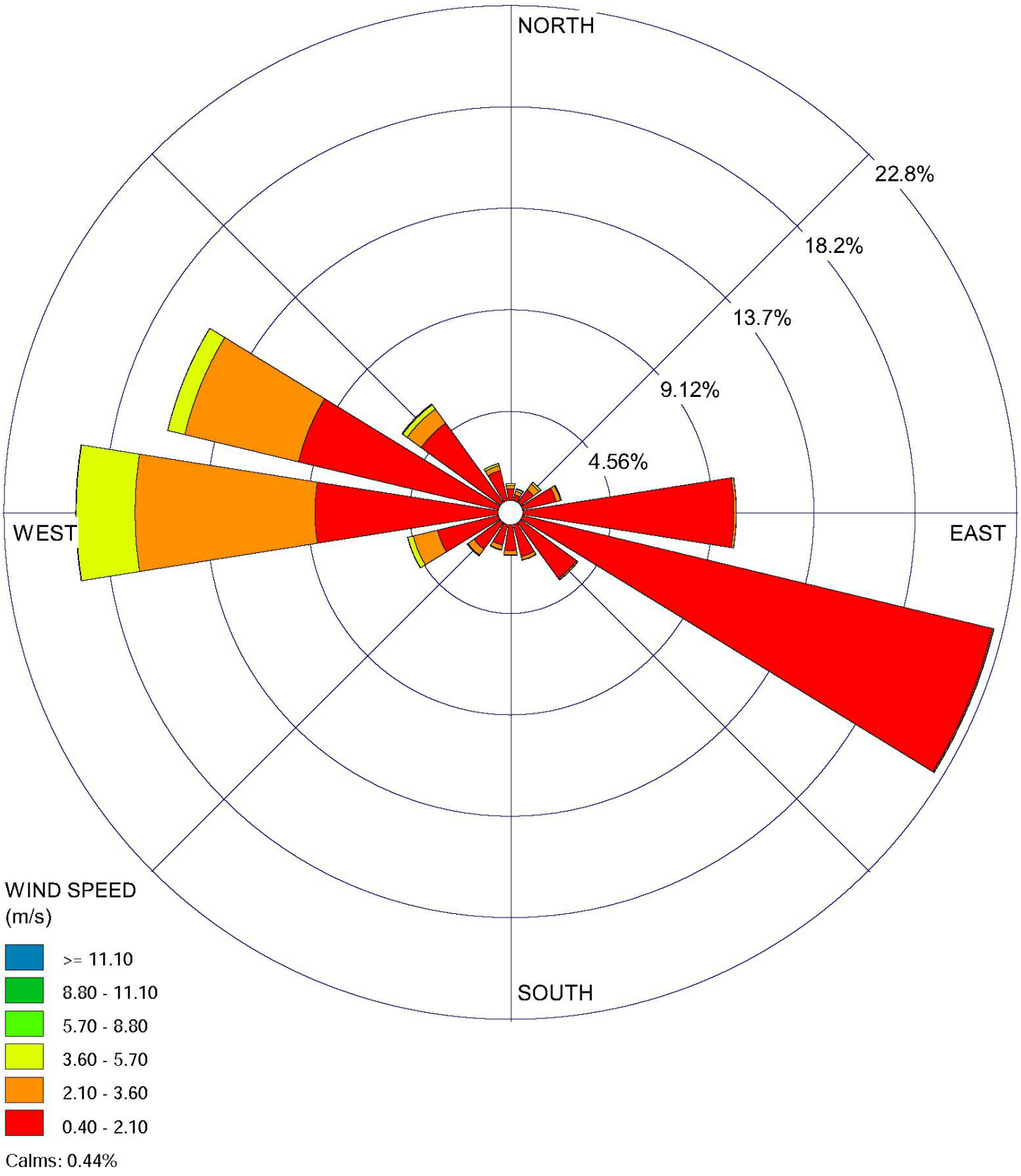
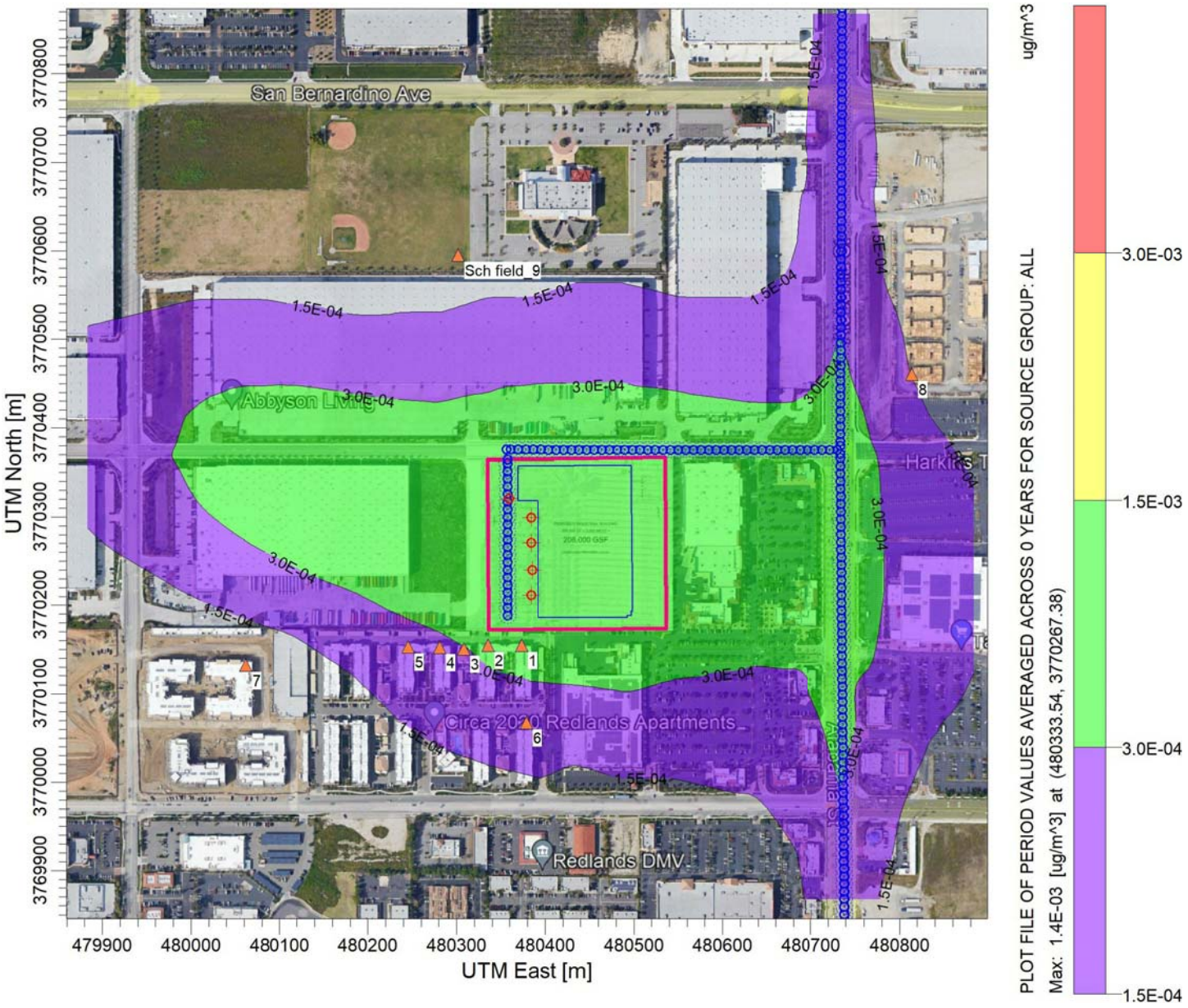


Figure 4
Wind Rose, Redlands



N

Legend

Cancer Risk to Infants 0-2 Years

- 1 in a million
- 0.5 in a million
- 0.1 in a million
- 0.05 in a million

Figure 5
Modeled Study Area Highest Cancer Risk from Annual DPM Emissions

4. MITIGATION MEASURES

OPERATIONAL MEASURES

Health risk impacts are less than significant. No operational mitigation is required.

5. REFERENCES

California Air Pollution Control Officers Association

2009 Health Risk Assessments for Proposed Land Use Projects

California Air Resources Board

2008 Resolution 08-43

2008 Airborne Toxic Control Measure for in-use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets, Section 2477 of Division 3, Chapter 9, Title 13, California Code of Regulations

2008 ARB Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk – Frequently Asked Questions

2013 Almanac of Emissions and Air Quality.
Source: https://www.arb.ca.gov/aqd/almanac/almanac13/almanac13.htm

Ganddini Group, Inc.

2022 27195 Almond Avenue Warehouse Transportation Study Screening Assessment. July 26.

Office of Environmental Health Hazard Assessment

2015 Air Toxics Hot Spots Program Risk Assessment Guidelines

South Coast Air Quality Management District

2003 Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis

2021 Final MATES-V Multiple Air Toxics Exposure Study in the South Coast Air Basin. August.

U.S. Geological Survey

2011 Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California

APPENDICES

Appendix A Glossary
Appendix B HRA Calculations and AERMOD Model Printouts

APPENDIX A

GLOSSARY

AQMP	Air Quality Management Plan
BACT	Best Available Control Technologies
CAAQS	California Ambient Air Quality Standards
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CEQA	California Environmental Quality Act
CFCs	Chlorofluorocarbons
CH_4	Methane
CNG	Compressed natural gas
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
DPM	East Kern Air Pollution Control District
EKAPCD	Diesel particulate matter
EPA	U.S. Environmental Protection Agency
GHG	Greenhouse gas
GWP	Global warming potential
HIDPM	Hazard Index Diesel Particulate Matter
HFCs	Hydrofluorocarbons
IPCC	International Panel on Climate Change
LCFS	Low Carbon Fuel Standard
LST	Localized Significant Thresholds
$MTCO_2e$	Metric tons of carbon dioxide equivalent
$MMTCO_2e$	Million metric tons of carbon dioxide equivalent
MPO	Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NOx	Nitrogen Oxides
NO_2	Nitrogen dioxide
N_2O	Nitrous oxide
OEHHA	Office of Environmental Health Hazard Assessment
O_3	Ozone
OPR	Governor's Office of Planning and Research
PFCs	Perfluorocarbons
PM	Particle matter
PM10	Particles that are less than 10 micrometers in diameter
PM2.5	Particles that are less than 2.5 micrometers in diameter
PMI	Point of maximum impact
PPM	Parts per million
PPB	Parts per billion
SF_6	Sulfur hexafluoride
SIP	State Implementation Plan
SCAQMD	South Coast Air Quality Management District
SOx	Sulfur Oxides
TAC	Toxic air contaminants
VOC	Volatile organic compounds

APPENDIX B

HRA CALCULATIONS AND AERMOD MODEL PRINTOUT

Emission Assumptions **DPM** Emissions
19518 Almond Avenue Warehouse

Facility Operations

Buildout year: 2024

Emission Factors

1) Onsite Vehicle Emissions

a) Truck

(1) EMFAC2021 - PM2.5 used as surrogate for DPM

(a) Annual Meteorology

Temperature: 50 degF

Relative Humidity: 50%

(b) Calculations for San Bernardino County

(c) Truck Mix

4+ axle heavy-heavy duty diesel trucks (HHDT)

4 axle diesel trucks (MHDT)

2 axle diesel trucks (LHDT2)

(d) Onsite Truck Travel Speed: 10 mph

(e) Off-site Truck Travel Speed: 35 mph

(f) Idle speed: 0 mph

(g) Truck Idle time: 15 minutes per truck per day

2) Other Parameters

(a) Width of Truck Source: 8.5 feet

(b) Truck Operational Schedule 24 hours/day

(c) Height of Truck: 13.5 feet

(d) Release Height: 3.5 meters

19518 Almond Avenue Warehouse		**Emission:**	**DPM**									
Processes Modeled		**Build-out:**	**2024**									
Onsite delivery traffic												
Truck idling												
Offsite delivery traffic												
Facilities in Operation												
Location	**Truck type**	**Daily trucks**										
Project Site	HHDT	30										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**48**										
Delivery Schedule:												
	24	**hrs/day, 52 weeks/year**										
Emission Factors 1 Year (2024)	**Onsite Exhaust**	**Offsite Exhaust**	**Idle**									
Vehicle Class	**(g/mi)**	**(g/mi)**	**(g/hr)**									
HHDT	0.01217	0.00826	0.01537									
MHDT	0.03833	0.00897	0.07273									
LHDT2	0.05435	0.02193	0.77769									
Onsite Roadway Links Modeled												
Link	**Truck Type**	**Emission Factor (g/mi)**	**Trips per day (in and out)**	**Length (m)**	**Length (mi)**	**Daily Emissions Over the Link (g/day)**	**Emissions Over the Link (g/sec)**	**Max Hourly Emissions Over Link (lb/hr)**	**Daily Emissions (lbs/day)**	**Annual Avg Emissions Over Link (tons/yr)**	**Total Daily Emissions for all Vehicles (g/sec)**	
Project Driveway to loading docks	HHDT	0.01217	30	181.7	0.11	4.12E-02	4.77E-07	3.27E-01	9.07E-05	1.66E-05		
Project Driveway to loading docks	MHDT	0.03833	10	181.7	0.11	4.33E-02	5.01E-07	3.43E-01	9.53E-05	1.74E-05	**1.55E-06**	100% of trucks
Project Driveway to loading docks	LHDT2	0.05435	8	181.7	0.11	4.91E-02	5.68E-07	3.89E-01	1.08E-04	1.97E-05		
Truck Idling	Idle time		15	minutes								
Building/Location	**Truck Type**	**Emission Factor (g/idle-hour)**	**Idling Time (min)**	**Daily Trucks**	**Total Emissions (g/day)**	**Max Hourly Emissions (g/sec)**	**Max Hourly Emissions (lb/hr)**	**Total Daily Emissions (lbs/day)**	**Total Emissions (tons/yr)**	**Total Emissions (tons/yr)**		
At loading docks & entrance/exit driveway	HHDT	0.01537	15	30	0.12	1.33E-06	1.06E-05	2.54E-04	4.64E-05			
At loading docks & entrance/exit driveway	MHDT	0.07273	15	10	0.18	2.10E-06	1.67E-05	4.00E-04	7.31E-05		2.14E-05	
At loading docks & entrance/exit driveway	LHDT2	0.77769	15	8	1.56	1.80E-05	1.43E-04	3.43E-03	6.25E-04		**4.29E-06**	per idling location
												(5 total)
Offsite Roadway Links Modeled												
Link	**Truck Type**	**Emission Factor (g/mi)**	**Trips per day**	**Length (m)**	**Length (mi)**	**Daily Emissions Over the Link (g/day)**	**Emissions Over the Link (g/sec)**	**Max Hourly Emissions Over Link (lb/hr)**	**Daily Emissions (lbs/day)**	**Annual Avg Emissions Over Link (tons/yr)**		
Almond Ave to Alabama St	HHDT	0.00826	30	376.9	0.23	5.80E-02	6.72E-07	4.60E-01	1.28E-04	2.33E-05	100% of trucks	
Almond Ave to Alabama St	MHDT	0.00897	10	376.9	0.23	2.10E-02	2.43E-07	1.66E-01	4.62E-05	8.44E-06	**1.39E-06**	
Almond Ave to Alabama St	LHDT2	0.02193	8	376.9	0.23	4.11E-02	4.75E-07	3.26E-01	9.05E-05	1.65E-05		
Along Alabama St n/o Almond Ave	HHDT	0.00826	30	651.8	0.40	1.00E-01	1.16E-06	7.96E-01	2.21E-04	4.03E-05	50% of trucks	
Along Alabama St n/o Almond Ave	MHDT	0.00897	10	651.8	0.40	3.63E-02	4.20E-07	2.88E-01	8.00E-05	1.46E-05	**1.20E-06**	
Along Alabama St n/o Almond Ave	LHDT2	0.02193	8	651.8	0.40	7.10E-02	8.22E-07	5.63E-01	1.56E-04	2.86E-05		
Along Alabama St to the 10 freeway	HHDT	0.00826	30	717.7	0.45	1.10E-01	1.28E-06	8.76E-01	2.43E-04	4.44E-05	50% of trucks	
Along Alabama St to the 10 freeway	MHDT	0.00897	10	717.7	0.45	4.00E-02	4.63E-07	3.17E-01	8.81E-05	1.61E-05	**1.32E-06**	
Along Alabama St to the 10 freeway	LHDT2	0.02193	8	717.7	0.45	7.82E-02	9.05E-07	6.20E-01	1.72E-04	3.14E-05		

19518 Almond Avenue Warehouse		**Emission:**	**DPM**									
Processes Modeled		**Build-out:**	**2024**									
Onsite delivery traffic												
Truck idling												
Offsite delivery traffic												
Facilities in Operation												
Location	**Truck type**	**Daily trucks**										
Project Site	HHDT	30										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**48**										
Delivery Schedule:												
	24	**hrs/day, 52weeks/year**										
Emission Factors 2 Year (2025&2026)	**Onsite Exhaust**	**Offsite Exhaust**	**Idle**									
Vehicle Class	**(g/mi)**	**(g/mi)**	**(g/hr)**									
HHDT	0.01163	0.00785	0.01428									
MHDT	0.02941	0.00714	0.05503									
LHDT2	0.04865	0.02001	0.77753									
Onsite Roadway Links Modeled												
Link	**Truck Type**	**Emission Factor (g/mi)**	**Trips per day (in and out)**	**Length (m)**	**Length (mi)**	**Daily Emissions Over the Link (g/day)**	**Emissions Over the Link (g/sec)**	**Max Hourly Emissions Over Link (lb/hr)**	**Daily Emissions (lbs/day)**	**Annual Avg Emissions Over Link (tons/yr)**	**Total Daily Emissions for all Vehicles (g/sec)**	
Project Driveway to loading docks	HHDT	0.01163	30	181.7	0.11	3.94E-02	4.56E-07	3.12E-01	8.67E-05	1.58E-05		
Project Driveway to loading docks	MHDT	0.02941	10	181.7	0.11	3.32E-02	3.84E-07	2.63E-01	7.31E-05	1.33E-05	**1.35E-06**	100% of trucks
Project Driveway to loading docks	LHDT2	0.04865	8	181.7	0.11	4.39E-02	5.09E-07	3.48E-01	9.68E-05	1.77E-05		
Project Driveway to loading docks												
Truck Idling	Idle time		15	minutes								
Building/Location	**Truck Type**	**Emission Factor (g/idle-hour)**	**Idling Time (min)**	**Daily Trucks**	**Total Emissions (g/day)**	**Max Hourly Emissions (g/sec)**	**Max Hourly Emissions (lb/hr)**	**Total Daily Emissions (lbs/day)**	**Total Emissions (tons/yr)**	**Total Emissions (tons/yr)**		
At loading docks & entrance/exit driveway	HHDT	0.01428	15	15	0.05	6.20E-07	4.91E-06	1.18E-04	2.15E-05			
At loading docks & entrance/exit driveway	MHDT	0.05503	15	5	0.07	7.96E-07	6.31E-06	1.52E-04	2.77E-05		1.04E-05	
At loading docks & entrance/exit driveway	LHDT2	0.77753	15	4	0.78	9.00E-06	7.14E-05	1.71E-03	3.13E-04		**2.08E-06**	per idling location
												(5 total)
Offsite Roadway Links Modeled												
Link	**Truck Type**	**Emission Factor (g/mi)**	**Trips per day**	**Length (m)**	**Length (mi)**	**Daily Emissions Over the Link (g/day)**	**Emissions Over the Link (g/sec)**	**Max Hourly Emissions Over Link (lb/hr)**	**Daily Emissions (lbs/day)**	**Annual Avg Emissions Over Link (tons/yr)**		
Almond Ave to Alabama St	HHDT	0.00785	30	376.9	0.23	5.51E-02	6.38E-07	4.37E-01	1.21E-04	2.22E-05	100% of trucks	
Almond Ave to Alabama St	MHDT	0.00714	10	376.9	0.23	1.67E-02	1.94E-07	1.33E-01	3.68E-05	6.72E-06	**1.27E-06**	
Almond Ave to Alabama St	LHDT2	0.02001	8	376.9	0.23	3.75E-02	4.34E-07	2.97E-01	8.25E-05	1.51E-05		
Along Alabama St n/o Almond Ave	HHDT	0.00785	30	651.8	0.40	9.53E-02	1.10E-06	7.56E-01	2.10E-04	3.83E-05	50% of trucks	
Along Alabama St n/o Almond Ave	MHDT	0.00714	10	651.8	0.40	2.89E-02	3.35E-07	2.29E-01	6.37E-05	1.16E-05	**1.09E-06**	
Along Alabama St n/o Almond Ave	LHDT2	0.02001	8	651.8	0.40	6.48E-02	7.50E-07	5.14E-01	1.43E-04	2.60E-05		
Along Alabama St to the 10 freeway	HHDT	0.00785	30	717.7	0.45	1.05E-01	1.21E-06	8.32E-01	2.31E-04	4.22E-05	50% of trucks	
Along Alabama St to the 10 freeway	MHDT	0.00714	10	717.7	0.45	3.18E-02	3.69E-07	2.53E-01	7.01E-05	1.28E-05	**1.20E-06**	
Along Alabama St to the 10 freeway	LHDT2	0.02001	8	717.7	0.45	7.14E-02	8.26E-07	5.66E-01	1.57E-04	2.87E-05		

19518 Almond Avenue Warehouse		**Emission:**	**DPM**									
Processes Modeled		**Build-out:**	**2024**									
Onsite delivery traffic												
Truck idling												
Offsite delivery traffic												
Facilities in Operation												
Location	**Truck type**	**Daily trucks**										
Project Site	HHDT	30										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**48**										
Delivery Schedule:												
	24	**hrs/day, 52weeks/year**										
Emission Factors 14 Year 2027-2040	**Onsite Exhaust**	**Offsite Exhaust**	**Idle**									
Vehicle Class	**(g/mi)**	**(g/mi)**	**(g/hr)**									
HHDT	0.00948	0.00644	0.01107									
MHDT	0.00993	0.00305	0.01857									
LHDT2	0.03871	0.01716	0.76775									

Onsite Roadway Links Modeled

Link	Truck Type	Emission Factor (g/mi)	Trips per day (in and out)	Length (m)	Length (mi)	Daily Emissions Over the Link (g/day)	Emissions Over the Link (g/sec)	Emissions Over Link (lb/hr)	Daily Emissions (lbs/day)	Annual Avg Emissions Over Link (tons/yr)	Total Daily Emissions for all Vehicles (g/sec)	
Project Driveway to loading docks	HHDT	0.00948	30	181.7	0.11	3.21E-02	3.71E-07	2.55E-01	7.07E-05	1.29E-05		
Project Driveway to loading docks	MHDT	0.00993	10	181.7	0.11	1.12E-02	1.30E-07	8.89E-02	2.47E-05	4.51E-06	**9.06E-07**	100% of trucks
Project Driveway to loading docks	LHDT2	0.03871	8	181.7	0.11	3.50E-02	4.05E-07	2.77E-01	7.70E-05	1.40E-05		
Project Driveway to loading docks												

Truck Idling

Idle time: 15 minutes

Building/Location	Truck Type	Emission Factor (g/idle-hour)	Idling Time (min)	Daily Trucks	Total Emissions (g/day)	Max Hourly Emissions (g/sec)	Max Hourly Emissions (lb/hr)	Total Daily Emissions (lbs/day)	Total Emissions (tons/yr)	Total Emissions (tons/yr)		
At loading docks & entrance/exit driveway	HHDT	0.01107	15	15	0.04	4.80E-07	3.81E-06	9.14E-05	1.67E-05			
At loading docks & entrance/exit driveway	MHDT	0.01857	15	5	0.02	2.69E-07	2.13E-06	5.11E-05	9.33E-06		9.64E-06	
At loading docks & entrance/exit driveway	LHDT2	0.76775	15	4	0.77	8.89E-06	7.05E-05	1.69E-03	3.09E-04		**1.93E-06**	per idling location
												(5 total)

Offsite Roadway Links Modeled

Link	Truck Type	Emission Factor (g/mi)	Trips per day	Length (m)	Length (mi)	Daily Emissions Over the Link (g/day)	Emissions Over the Link (g/sec)	Max Hourly Emissions Over Link (lb/hr)	Daily Emissions (lbs/day)	Annual Avg Emissions Over Link (tons/yr)		
Almond Ave to Alabama St	HHDT	0.00644	30	376.9	0.23	4.52E-02	5.24E-07	3.59E-01	9.97E-05	1.82E-05	100% of trucks	
Almond Ave to Alabama St	MHDT	0.00305	10	376.9	0.23	7.15E-03	8.28E-08	5.67E-02	1.57E-05	2.87E-06	**9.78E-07**	
Almond Ave to Alabama St	LHDT2	0.01716	8	376.9	0.23	3.21E-02	3.72E-07	2.55E-01	7.08E-05	1.29E-05		
Along Alabama St n/o Almond Ave	HHDT	0.00644	30	651.8	0.40	7.82E-02	9.06E-07	6.20E-01	1.72E-04	3.15E-05	50% of trucks	
Along Alabama St n/o Almond Ave	MHDT	0.00305	10	651.8	0.40	1.24E-02	1.43E-07	9.81E-02	2.72E-05	4.97E-06	**8.46E-07**	
Along Alabama St n/o Almond Ave	LHDT2	0.01716	8	651.8	0.40	5.56E-02	6.43E-07	4.41E-01	1.22E-04	2.23E-05		
Along Alabama St to the 10 freeway	HHDT	0.00644	30	717.7	0.45	8.62E-02	9.97E-07	6.83E-01	1.90E-04	3.46E-05	50% of trucks	
Along Alabama St to the 10 freeway	MHDT	0.00305	10	717.7	0.45	1.36E-02	1.58E-07	1.08E-01	3.00E-05	5.47E-06	**9.32E-07**	
Along Alabama St to the 10 freeway	LHDT2	0.01716	8	717.7	0.45	6.12E-02	7.08E-07	4.85E-01	1.35E-04	2.46E-05		

19518 Almond Avenue Warehouse		**Emission:**	**DPM**									
Processes Modeled		**Build-out:**	**2024**									
Onsite delivery traffic												
Truck idling												
Offsite delivery traffic												
Facilities in Operation												
Location	**Truck type**	**Daily trucks**										
Project Site	HHDT	30										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**48**										
Delivery Schedule:												
	24	**hrs/day, 52weeks/year**										
Emission Factors 14 Year 2041-2054	**Onsite Exhaust**	**Offsite Exhaust**	**Idle**									
Vehicle Class	**(g/mi)**	**(g/mi)**	**(g/hr)**									
HHDT	0.00818	0.00564	0.00973									
MHDT	0.00320	0.00151	0.00731									
LHDT2	0.03537	0.01654	0.76173									

Onsite Roadway Links Modeled

Link	Truck Type	Emission Factor (g/mi)	Trips per day (in and out)	Length (m)	Length (mi)	Daily Emissions Over the Link (g/day)	Emissions Over the Link (g/sec)	Emissions Over Link (lb/hr)	Daily Emissions (lbs/day)	Annual Avg Emissions Over Link (tons/yr)	Total Daily Emissions for all Vehicles (g/sec)	
Project Driveway to loading docks	HHDT	0.00818	30	181.7	0.11	2.77E-02	3.21E-07	2.20E-01	6.10E-05	1.11E-05		
Project Driveway to loading docks	MHDT	0.00320	10	181.7	0.11	3.61E-03	4.18E-08	2.86E-02	7.96E-06	1.45E-06	**7.32E-07**	100% of trucks
Project Driveway to loading docks	LHDT2	0.03537	8	181.7	0.11	3.19E-02	3.70E-07	2.53E-01	7.04E-05	1.28E-05		
Project Driveway to loading docks												

Truck Idling Idle time 15 minutes

Building/Location	Truck Type	Emission Factor (g/idle-hour)	Idling Time (min)	Daily Trucks	Total Emissions (g/day)	Max Hourly Emissions (g/sec)	Max Hourly Emissions (lb/hr)	Total Daily Emissions (lbs/day)	Total Emissions (tons/yr)	Total Emissions (tons/yr)		
At loading docks & entrance/exit driveway	HHDT	0.00973	15	15	0.04	4.22E-07	3.35E-06	8.04E-05	1.47E-05			
At loading docks & entrance/exit driveway	MHDT	0.00731	15	5	0.01	1.06E-07	8.38E-07	2.01E-05	3.67E-06		9.34E-06	
At loading docks & entrance/exit driveway	LHDT2	0.76173	15	4	0.76	8.82E-06	6.99E-05	1.68E-03	3.06E-04		**1.87E-06**	per idling location
												(5 total)

Offsite Roadway Links Modeled

Link	Truck Type	Emission Factor (g/mi)	Trips per day	Length (m)	Length (mi)	Daily Emissions Over the Link (g/day)	Emissions Over the Link (g/sec)	Max Hourly Emissions Over Link (lb/hr)	Daily Emissions (lbs/day)	Annual Avg Emissions Over Link (tons/yr)		
Almond Ave to Alabama St	HHDT	0.00564	30	376.9	0.23	3.96E-02	4.58E-07	3.14E-01	8.72E-05	1.59E-05	100% of trucks	
Almond Ave to Alabama St	MHDT	0.00151	10	376.9	0.23	3.54E-03	4.10E-08	2.81E-02	7.81E-06	1.42E-06	**8.58E-07**	
Almond Ave to Alabama St	LHDT2	0.01654	8	376.9	0.23	3.10E-02	3.59E-07	2.46E-01	6.82E-05	1.25E-05		
Along Alabama St n/o Almond Ave	HHDT	0.00564	30	651.8	0.40	6.85E-02	7.93E-07	5.43E-01	1.51E-04	2.75E-05	50% of trucks	
Along Alabama St n/o Almond Ave	MHDT	0.00151	10	651.8	0.40	6.13E-03	7.09E-08	4.86E-02	1.35E-05	2.46E-06	**2.97E-08**	
Along Alabama St n/o Almond Ave	LHDT2	0.01654	8	651.8	0.40	5.36E-02	6.20E-07	4.25E-01	1.18E-04	2.15E-05		
Along Alabama St to the 10 freeway	HHDT	0.00564	30	717.7	0.45	7.54E-02	8.73E-07	5.98E-01	1.66E-04	3.03E-05	50% of trucks	
Along Alabama St to the 10 freeway	MHDT	0.00151	10	717.7	0.45	6.75E-03	7.81E-08	5.35E-02	1.49E-05	2.71E-06	**8.17E-07**	
Along Alabama St to the 10 freeway	LHDT2	0.01654	8	717.7	0.45	5.90E-02	6.83E-07	4.68E-01	1.30E-04	2.37E-05		

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/4/2022
** File: C:\Lakes\AERMOD View\19518 Almond Avenue Warehouse OY\19518 Almond Avenue Warehouse OY.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19518 Almond Avenue Warehouse OY
   TITLETWO DPM Conc 2024
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19518 Almond Avenue Warehouse OY.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      480359.400  3770320.660      369.060
** DESCRSRC Entrance/exit gate idling
   LOCATION STCK2        POINT      480384.406  3770299.208      369.510
** DESCRSRC Loading dock idling
   LOCATION STCK3        POINT      480383.979  3770271.008      369.620
** DESCRSRC Loading dock idling
   LOCATION STCK4        POINT      480385.475  3770240.244      369.770
** DESCRSRC Loading dock idling
   LOCATION STCK5        POINT      480384.406  3770211.617      369.960
** DESCRSRC Loading dock idling
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
```

```
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.55E-06
** Elevated
** Building Height = 10.67
** SZINIT = 4.96
** Nodes = 2
** 480357.237, 3770364.581, 368.77, 3.50, 4.00
** 480357.740, 3770182.864, 369.59, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   480357.249 3770360.285 368.79
   LOCATION L0000002     VOLUME   480357.273 3770351.694 368.94
   LOCATION L0000003     VOLUME   480357.296 3770343.104 368.96
   LOCATION L0000004     VOLUME   480357.320 3770334.513 368.99
   LOCATION L0000005     VOLUME   480357.344 3770325.922 369.01
   LOCATION L0000006     VOLUME   480357.368 3770317.331 369.04
   LOCATION L0000007     VOLUME   480357.391 3770308.741 369.06
   LOCATION L0000008     VOLUME   480357.415 3770300.150 369.09
   LOCATION L0000009     VOLUME   480357.439 3770291.559 369.11
   LOCATION L0000010     VOLUME   480357.463 3770282.968 369.13
   LOCATION L0000011     VOLUME   480357.486 3770274.377 369.15
   LOCATION L0000012     VOLUME   480357.510 3770265.787 369.18
   LOCATION L0000013     VOLUME   480357.534 3770257.196 369.20
   LOCATION L0000014     VOLUME   480357.558 3770248.605 369.24
   LOCATION L0000015     VOLUME   480357.582 3770240.014 369.27
   LOCATION L0000016     VOLUME   480357.605 3770231.424 369.31
   LOCATION L0000017     VOLUME   480357.629 3770222.833 369.37
   LOCATION L0000018     VOLUME   480357.653 3770214.242 369.44
   LOCATION L0000019     VOLUME   480357.677 3770205.651 369.51
   LOCATION L0000020     VOLUME   480357.700 3770197.061 369.59
   LOCATION L0000021     VOLUME   480357.724 3770188.470 369.70
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Almond Ave to Alabama
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.39E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480356.554, 3770375.486, 368.31, 3.50, 4.00
** 480733.408, 3770374.989, 375.95, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000022     VOLUME   480360.849 3770375.480 368.48
   LOCATION L0000023     VOLUME   480369.440 3770375.469 368.57
   LOCATION L0000024     VOLUME   480378.031 3770375.457 368.66
```

```
   LOCATION L0000025     VOLUME   480386.622 3770375.446 368.76
   LOCATION L0000026     VOLUME   480395.212 3770375.435 368.85
   LOCATION L0000027     VOLUME   480403.803 3770375.423 368.95
   LOCATION L0000028     VOLUME   480412.394 3770375.412 369.05
   LOCATION L0000029     VOLUME   480420.985 3770375.401 369.15
   LOCATION L0000030     VOLUME   480429.575 3770375.389 369.25
   LOCATION L0000031     VOLUME   480438.166 3770375.378 369.34
   LOCATION L0000032     VOLUME   480446.757 3770375.367 369.43
   LOCATION L0000033     VOLUME   480455.348 3770375.355 369.52
   LOCATION L0000034     VOLUME   480463.939 3770375.344 369.67
   LOCATION L0000035     VOLUME   480472.529 3770375.333 369.84
   LOCATION L0000036     VOLUME   480481.120 3770375.321 370.01
   LOCATION L0000037     VOLUME   480489.711 3770375.310 370.28
   LOCATION L0000038     VOLUME   480498.302 3770375.299 370.58
   LOCATION L0000039     VOLUME   480506.893 3770375.287 370.88
   LOCATION L0000040     VOLUME   480515.483 3770375.276 371.14
   LOCATION L0000041     VOLUME   480524.074 3770375.265 371.39
   LOCATION L0000042     VOLUME   480532.665 3770375.253 371.64
   LOCATION L0000043     VOLUME   480541.256 3770375.242 371.90
   LOCATION L0000044     VOLUME   480549.847 3770375.231 372.15
   LOCATION L0000045     VOLUME   480558.437 3770375.220 372.41
   LOCATION L0000046     VOLUME   480567.028 3770375.208 372.64
   LOCATION L0000047     VOLUME   480575.619 3770375.197 372.87
   LOCATION L0000048     VOLUME   480584.210 3770375.186 373.10
   LOCATION L0000049     VOLUME   480592.801 3770375.174 373.33
   LOCATION L0000050     VOLUME   480601.391 3770375.163 373.55
   LOCATION L0000051     VOLUME   480609.982 3770375.152 373.78
   LOCATION L0000052     VOLUME   480618.573 3770375.140 373.95
   LOCATION L0000053     VOLUME   480627.164 3770375.129 374.11
   LOCATION L0000054     VOLUME   480635.755 3770375.118 374.28
   LOCATION L0000055     VOLUME   480644.345 3770375.106 374.40
   LOCATION L0000056     VOLUME   480652.936 3770375.095 374.51
   LOCATION L0000057     VOLUME   480661.527 3770375.084 374.63
   LOCATION L0000058     VOLUME   480670.118 3770375.072 374.76
   LOCATION L0000059     VOLUME   480678.708 3770375.061 374.90
   LOCATION L0000060     VOLUME   480687.299 3770375.050 375.03
   LOCATION L0000061     VOLUME   480695.890 3770375.038 375.26
   LOCATION L0000062     VOLUME   480704.481 3770375.027 375.48
   LOCATION L0000063     VOLUME   480713.072 3770375.016 375.71
   LOCATION L0000064     VOLUME   480721.662 3770375.004 375.84
   LOCATION L0000065     VOLUME   480730.253 3770374.993 375.95
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.2E-06
** Elevated
```

```
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.734, 3770380.127, 376.00, 3.50, 4.00
** 480736.495, 3771031.949, 375.00, 3.50, 4.00
** ------------------------------------------------------------------
   LOCATION L0000294     VOLUME   480733.752 3770384.422 375.99
   LOCATION L0000295     VOLUME   480733.789 3770393.013 375.95
   LOCATION L0000296     VOLUME   480733.825 3770401.603 375.92
   LOCATION L0000297     VOLUME   480733.861 3770410.194 375.88
   LOCATION L0000298     VOLUME   480733.898 3770418.785 375.85
   LOCATION L0000299     VOLUME   480733.934 3770427.376 375.81
   LOCATION L0000300     VOLUME   480733.970 3770435.966 375.77
   LOCATION L0000301     VOLUME   480734.007 3770444.557 375.73
   LOCATION L0000302     VOLUME   480734.043 3770453.148 375.70
   LOCATION L0000303     VOLUME   480734.080 3770461.738 375.68
   LOCATION L0000304     VOLUME   480734.116 3770470.329 375.65
   LOCATION L0000305     VOLUME   480734.152 3770478.920 375.63
   LOCATION L0000306     VOLUME   480734.189 3770487.511 375.61
   LOCATION L0000307     VOLUME   480734.225 3770496.101 375.59
   LOCATION L0000308     VOLUME   480734.262 3770504.692 375.57
   LOCATION L0000309     VOLUME   480734.298 3770513.283 375.55
   LOCATION L0000310     VOLUME   480734.334 3770521.873 375.53
   LOCATION L0000311     VOLUME   480734.371 3770530.464 375.51
   LOCATION L0000312     VOLUME   480734.407 3770539.055 375.48
   LOCATION L0000313     VOLUME   480734.444 3770547.646 375.44
   LOCATION L0000314     VOLUME   480734.480 3770556.236 375.39
   LOCATION L0000315     VOLUME   480734.516 3770564.827 375.35
   LOCATION L0000316     VOLUME   480734.553 3770573.418 375.30
   LOCATION L0000317     VOLUME   480734.589 3770582.009 375.26
   LOCATION L0000318     VOLUME   480734.626 3770590.599 375.22
   LOCATION L0000319     VOLUME   480734.662 3770599.190 375.17
   LOCATION L0000320     VOLUME   480734.698 3770607.781 375.14
   LOCATION L0000321     VOLUME   480734.735 3770616.371 375.10
   LOCATION L0000322     VOLUME   480734.771 3770624.962 375.07
   LOCATION L0000323     VOLUME   480734.807 3770633.553 375.04
   LOCATION L0000324     VOLUME   480734.844 3770642.144 375.02
   LOCATION L0000325     VOLUME   480734.880 3770650.734 374.99
   LOCATION L0000326     VOLUME   480734.917 3770659.325 374.97
   LOCATION L0000327     VOLUME   480734.953 3770667.916 374.95
   LOCATION L0000328     VOLUME   480734.989 3770676.507 374.92
   LOCATION L0000329     VOLUME   480735.026 3770685.097 374.89
   LOCATION L0000330     VOLUME   480735.062 3770693.688 374.87
   LOCATION L0000331     VOLUME   480735.099 3770702.279 374.84
   LOCATION L0000332     VOLUME   480735.135 3770710.869 374.81
   LOCATION L0000333     VOLUME   480735.171 3770719.460 374.78
   LOCATION L0000334     VOLUME   480735.208 3770728.051 374.74
   LOCATION L0000335     VOLUME   480735.244 3770736.642 374.69
   LOCATION L0000336     VOLUME   480735.281 3770745.232 374.64
   LOCATION L0000337     VOLUME   480735.317 3770753.823 374.59
   LOCATION L0000338     VOLUME   480735.353 3770762.414 374.54
```

```
   LOCATION L0000339     VOLUME   480735.390 3770771.004 374.49
   LOCATION L0000340     VOLUME   480735.426 3770779.595 374.44
   LOCATION L0000341     VOLUME   480735.462 3770788.186 374.42
   LOCATION L0000342     VOLUME   480735.499 3770796.777 374.43
   LOCATION L0000343     VOLUME   480735.535 3770805.367 374.44
   LOCATION L0000344     VOLUME   480735.572 3770813.958 374.46
   LOCATION L0000345     VOLUME   480735.608 3770822.549 374.50
   LOCATION L0000346     VOLUME   480735.644 3770831.140 374.54
   LOCATION L0000347     VOLUME   480735.681 3770839.730 374.58
   LOCATION L0000348     VOLUME   480735.717 3770848.321 374.62
   LOCATION L0000349     VOLUME   480735.754 3770856.912 374.64
   LOCATION L0000350     VOLUME   480735.790 3770865.502 374.67
   LOCATION L0000351     VOLUME   480735.826 3770874.093 374.70
   LOCATION L0000352     VOLUME   480735.863 3770882.684 374.73
   LOCATION L0000353     VOLUME   480735.899 3770891.275 374.76
   LOCATION L0000354     VOLUME   480735.936 3770899.865 374.79
   LOCATION L0000355     VOLUME   480735.972 3770908.456 374.82
   LOCATION L0000356     VOLUME   480736.008 3770917.047 374.83
   LOCATION L0000357     VOLUME   480736.045 3770925.637 374.85
   LOCATION L0000358     VOLUME   480736.081 3770934.228 374.87
   LOCATION L0000359     VOLUME   480736.118 3770942.819 374.87
   LOCATION L0000360     VOLUME   480736.154 3770951.410 374.85
   LOCATION L0000361     VOLUME   480736.190 3770960.000 374.84
   LOCATION L0000362     VOLUME   480736.227 3770968.591 374.82
   LOCATION L0000363     VOLUME   480736.263 3770977.182 374.79
   LOCATION L0000364     VOLUME   480736.299 3770985.773 374.77
   LOCATION L0000365     VOLUME   480736.336 3770994.363 374.74
   LOCATION L0000366     VOLUME   480736.372 3771002.954 374.73
   LOCATION L0000367     VOLUME   480736.409 3771011.545 374.74
   LOCATION L0000368     VOLUME   480736.445 3771020.135 374.75
   LOCATION L0000369     VOLUME   480736.481 3771028.726 374.76
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Alabama St to 10 freeway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.32E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.702, 3770370.294, 376.04, 3.50, 4.00
** 480739.840, 3769652.585, 383.34, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000454     VOLUME   480733.739 3770365.998 376.01
   LOCATION L0000455     VOLUME   480733.812 3770357.408 376.03
   LOCATION L0000456     VOLUME   480733.886 3770348.817 376.04
   LOCATION L0000457     VOLUME   480733.959 3770340.227 376.07
```

```
LOCATION L0000458     VOLUME   480734.033 3770331.636 376.09
LOCATION L0000459     VOLUME   480734.106 3770323.046 376.11
LOCATION L0000460     VOLUME   480734.180 3770314.455 376.14
LOCATION L0000461     VOLUME   480734.253 3770305.865 376.17
LOCATION L0000462     VOLUME   480734.326 3770297.274 376.20
LOCATION L0000463     VOLUME   480734.400 3770288.684 376.23
LOCATION L0000464     VOLUME   480734.473 3770280.093 376.26
LOCATION L0000465     VOLUME   480734.547 3770271.503 376.29
LOCATION L0000466     VOLUME   480734.620 3770262.913 376.32
LOCATION L0000467     VOLUME   480734.694 3770254.322 376.36
LOCATION L0000468     VOLUME   480734.767 3770245.732 376.41
LOCATION L0000469     VOLUME   480734.841 3770237.141 376.45
LOCATION L0000470     VOLUME   480734.914 3770228.551 376.49
LOCATION L0000471     VOLUME   480734.988 3770219.960 376.53
LOCATION L0000472     VOLUME   480735.061 3770211.370 376.57
LOCATION L0000473     VOLUME   480735.135 3770202.779 376.61
LOCATION L0000474     VOLUME   480735.208 3770194.189 376.64
LOCATION L0000475     VOLUME   480735.281 3770185.598 376.66
LOCATION L0000476     VOLUME   480735.355 3770177.008 376.69
LOCATION L0000477     VOLUME   480735.428 3770168.417 376.71
LOCATION L0000478     VOLUME   480735.502 3770159.827 376.71
LOCATION L0000479     VOLUME   480735.575 3770151.236 376.70
LOCATION L0000480     VOLUME   480735.649 3770142.646 376.70
LOCATION L0000481     VOLUME   480735.722 3770134.055 376.69
LOCATION L0000482     VOLUME   480735.796 3770125.465 376.69
LOCATION L0000483     VOLUME   480735.869 3770116.874 376.69
LOCATION L0000484     VOLUME   480735.943 3770108.284 376.68
LOCATION L0000485     VOLUME   480736.016 3770099.693 376.69
LOCATION L0000486     VOLUME   480736.090 3770091.103 376.69
LOCATION L0000487     VOLUME   480736.163 3770082.512 376.69
LOCATION L0000488     VOLUME   480736.236 3770073.922 376.68
LOCATION L0000489     VOLUME   480736.310 3770065.331 376.66
LOCATION L0000490     VOLUME   480736.383 3770056.741 376.63
LOCATION L0000491     VOLUME   480736.457 3770048.150 376.61
LOCATION L0000492     VOLUME   480736.530 3770039.560 376.60
LOCATION L0000493     VOLUME   480736.604 3770030.969 376.61
LOCATION L0000494     VOLUME   480736.677 3770022.379 376.61
LOCATION L0000495     VOLUME   480736.751 3770013.788 376.61
LOCATION L0000496     VOLUME   480736.824 3770005.198 376.61
LOCATION L0000497     VOLUME   480736.898 3769996.607 376.60
LOCATION L0000498     VOLUME   480736.971 3769988.017 376.60
LOCATION L0000499     VOLUME   480737.045 3769979.426 376.59
LOCATION L0000500     VOLUME   480737.118 3769970.836 376.58
LOCATION L0000501     VOLUME   480737.191 3769962.245 376.57
LOCATION L0000502     VOLUME   480737.265 3769953.655 376.57
LOCATION L0000503     VOLUME   480737.338 3769945.065 376.57
LOCATION L0000504     VOLUME   480737.412 3769936.474 376.59
LOCATION L0000505     VOLUME   480737.485 3769927.884 376.60
LOCATION L0000506     VOLUME   480737.559 3769919.293 376.61
LOCATION L0000507     VOLUME   480737.632 3769910.703 376.62
LOCATION L0000508     VOLUME   480737.706 3769902.112 376.63
```

```
   LOCATION L0000509     VOLUME   480737.779 3769893.522 376.65
   LOCATION L0000510     VOLUME   480737.853 3769884.931 376.66
   LOCATION L0000511     VOLUME   480737.926 3769876.341 376.68
   LOCATION L0000512     VOLUME   480738.000 3769867.750 376.69
   LOCATION L0000513     VOLUME   480738.073 3769859.160 376.71
   LOCATION L0000514     VOLUME   480738.146 3769850.569 376.74
   LOCATION L0000515     VOLUME   480738.220 3769841.979 376.77
   LOCATION L0000516     VOLUME   480738.293 3769833.388 376.80
   LOCATION L0000517     VOLUME   480738.367 3769824.798 376.86
   LOCATION L0000518     VOLUME   480738.440 3769816.207 376.95
   LOCATION L0000519     VOLUME   480738.514 3769807.617 377.03
   LOCATION L0000520     VOLUME   480738.587 3769799.026 377.12
   LOCATION L0000521     VOLUME   480738.661 3769790.436 377.35
   LOCATION L0000522     VOLUME   480738.734 3769781.845 377.58
   LOCATION L0000523     VOLUME   480738.808 3769773.255 377.81
   LOCATION L0000524     VOLUME   480738.881 3769764.664 378.08
   LOCATION L0000525     VOLUME   480738.955 3769756.074 378.42
   LOCATION L0000526     VOLUME   480739.028 3769747.483 378.76
   LOCATION L0000527     VOLUME   480739.101 3769738.893 379.10
   LOCATION L0000528     VOLUME   480739.175 3769730.302 379.48
   LOCATION L0000529     VOLUME   480739.248 3769721.712 379.89
   LOCATION L0000530     VOLUME   480739.322 3769713.121 380.28
   LOCATION L0000531     VOLUME   480739.395 3769704.531 380.68
   LOCATION L0000532     VOLUME   480739.469 3769695.940 381.08
   LOCATION L0000533     VOLUME   480739.542 3769687.350 381.47
   LOCATION L0000534     VOLUME   480739.616 3769678.759 381.86
   LOCATION L0000535     VOLUME   480739.689 3769670.169 382.25
   LOCATION L0000536     VOLUME   480739.763 3769661.578 382.63
   LOCATION L0000537     VOLUME   480739.836 3769652.988 383.01
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
   SRCPARAM STCK1         4.29E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK2         4.29E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK3         4.29E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK4         4.29E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK5         4.29E-06     3.500   366.000      51.9       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000002     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000003     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000004     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000005     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000006     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000007     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000008     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000009     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000010     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000011     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000012     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000013     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000014     0.00000007381      3.50      4.00      4.96
```

```
   SRCPARAM L0000015     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000016     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000017     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000018     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000019     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000020     0.00000007381      3.50      4.00      4.96
   SRCPARAM L0000021     0.00000007381      3.50      4.00      4.96
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000022     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000023     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000024     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000025     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000026     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000027     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000028     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000029     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000030     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000031     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000032     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000033     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000034     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000035     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000036     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000037     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000038     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000039     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000040     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000041     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000042     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000043     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000044     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000045     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000046     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000047     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000048     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000049     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000050     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000051     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000052     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000053     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000054     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000055     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000056     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000057     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000058     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000059     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000060     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000061     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000062     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000063     0.00000003159      3.50      4.00      1.63
```

```
   SRCPARAM L0000064     0.00000003159      3.50      4.00      1.63
   SRCPARAM L0000065     0.00000003159      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000294     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000295     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000296     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000297     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000298     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000299     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000300     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000301     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000302     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000303     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000304     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000305     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000306     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000307     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000308     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000309     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000310     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000311     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000312     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000313     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000314     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000315     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000316     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000317     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000318     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000319     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000320     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000321     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000322     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000323     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000324     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000325     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000326     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000327     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000328     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000329     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000330     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000331     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000332     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000333     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000334     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000335     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000336     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000337     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000338     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000339     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000340     0.00000001579      3.50      4.00      1.63
```

```
   SRCPARAM L0000341     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000342     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000343     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000344     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000345     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000346     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000347     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000348     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000349     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000350     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000351     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000352     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000353     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000354     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000355     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000356     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000357     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000358     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000359     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000360     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000361     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000362     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000363     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000364     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000365     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000366     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000367     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000368     0.00000001579      3.50      4.00      1.63
   SRCPARAM L0000369     0.00000001579      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000454     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000455     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000456     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000457     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000458     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000459     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000460     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000461     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000462     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000463     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000464     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000465     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000466     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000467     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000468     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000469     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000470     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000471     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000472     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000473     0.00000001571      3.50      4.00      1.63
```

```
SRCPARAM L0000474     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000475     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000476     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000477     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000478     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000479     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000480     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000481     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000482     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000483     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000484     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000485     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000486     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000487     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000488     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000489     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000490     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000491     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000492     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000493     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000494     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000495     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000496     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000497     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000498     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000499     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000500     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000501     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000502     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000503     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000504     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000505     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000506     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000507     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000508     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000509     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000510     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000511     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000512     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000513     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000514     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000515     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000516     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000517     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000518     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000519     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000520     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000521     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000522     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000523     0.00000001571      3.50      4.00      1.63
SRCPARAM L0000524     0.00000001571      3.50      4.00      1.63
```

```
   SRCPARAM L0000525     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000526     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000527     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000528     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000529     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000530     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000531     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000532     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000533     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000534     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000535     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000536     0.00000001571      3.50      4.00      1.63
   SRCPARAM L0000537     0.00000001571      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00

   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
```

```
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00

BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33

BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00
BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00

BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58
BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58

BUILDLEN STCK3          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK3          157.27   132.93   129.33   155.84   178.15   195.42
```

BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK3	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK3	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
XBADJ	STCK1	-127.09	-115.47	-100.34	-82.17	-61.50	-38.96
XBADJ	STCK1	-15.24	8.95	9.97	3.41	-3.25	-9.82
XBADJ	STCK1	-16.08	-21.86	-26.97	-31.26	0.00	0.00
XBADJ	STCK1	-61.03	-82.46	-101.39	-117.24	-129.52	-137.87
XBADJ	STCK1	-142.03	-141.88	-139.30	-159.25	-174.90	-185.60
XBADJ	STCK1	-190.66	-189.93	-183.43	-171.36	0.00	0.00
XBADJ	STCK2	-110.30	-103.87	-94.27	-81.82	-66.87	-49.90
XBADJ	STCK2	-31.41	-11.96	-15.04	-24.94	-34.09	-42.20
XBADJ	STCK2	-49.03	-54.37	-58.05	-59.98	-60.08	-59.19
XBADJ	STCK2	-77.81	-94.06	-107.46	-117.59	-124.15	-126.94
XBADJ	STCK2	-125.87	-120.97	-114.29	-130.89	-144.06	-153.22
XBADJ	STCK2	-157.72	-157.42	-152.35	-142.64	-129.46	-113.39
XBADJ	STCK3	-82.46	-77.22	-69.64	-59.94	-48.42	-35.42
XBADJ	STCK3	-21.36	-6.64	-14.61	-29.42	-43.33	-55.93
XBADJ	STCK3	-66.83	-75.69	-82.26	-86.33	-87.77	-87.39
XBADJ	STCK3	-105.66	-120.71	-132.10	-139.47	-142.61	-141.41
XBADJ	STCK3	-135.91	-126.29	-114.72	-126.42	-134.82	-139.49
XBADJ	STCK3	-139.92	-136.10	-128.14	-116.29	-101.76	-85.19
XBADJ	STCK4	-52.41	-48.82	-43.73	-37.32	-29.78	-21.33
XBADJ	STCK4	-12.23	-2.76	-16.10	-36.23	-55.25	-72.60
XBADJ	STCK4	-87.75	-100.22	-109.65	-115.75	-118.33	-118.16
XBADJ	STCK4	-135.70	-149.11	-158.00	-162.08	-161.24	-155.50
XBADJ	STCK4	-145.04	-130.17	-113.23	-119.61	-122.90	-122.81
XBADJ	STCK4	-119.00	-111.57	-100.75	-86.87	-71.20	-54.42
XBADJ	STCK5	-24.04	-21.56	-18.42	-14.72	-10.57	-6.10
XBADJ	STCK5	-1.45	3.25	-15.04	-40.15	-64.05	-86.00
XBADJ	STCK5	-105.33	-121.46	-133.91	-142.28	-146.33	-146.78
XBADJ	STCK5	-164.07	-176.37	-183.32	-184.69	-180.45	-170.73

```
   XBADJ    STCK5         -155.82  -136.18  -114.29  -115.68  -114.10  -109.42
   XBADJ    STCK5         -101.42   -90.33   -76.49   -60.34   -43.20   -25.80

   YBADJ    STCK1          -81.33   -85.82   -87.89   -87.29   -84.04   -78.23
   YBADJ    STCK1          -70.05   -60.16   -48.55   -33.03   -16.50     0.52
   YBADJ    STCK1           17.53    34.01    49.45    63.40     0.00     0.00
   YBADJ    STCK1           81.33    85.82    87.89    87.29    84.04    78.23
   YBADJ    STCK1           70.05    60.16    48.55    33.03    16.50    -0.52
   YBADJ    STCK1          -17.53   -34.01   -49.45   -63.40     0.00     0.00

   YBADJ    STCK2          -52.98   -54.99   -55.51   -54.34   -51.53   -47.15
   YBADJ    STCK2          -41.33   -34.69   -27.10   -16.25    -4.90     6.59
   YBADJ    STCK2           17.89    28.64    38.52    47.23    54.51    49.63
   YBADJ    STCK2           52.98    54.99    55.51    54.34    51.53    47.15
   YBADJ    STCK2           41.33    34.69    27.10    16.25     4.90    -6.59
   YBADJ    STCK2          -17.89   -28.64   -38.52   -47.23   -54.51   -49.63

   YBADJ    STCK3          -48.50   -45.74   -41.78   -36.55   -30.20   -22.94
   YBADJ    STCK3          -14.98    -6.99     1.10    11.60    21.74    31.23
   YBADJ    STCK3           39.77    47.09    52.99    57.28    59.83    50.06
   YBADJ    STCK3           48.50    45.74    41.78    36.55    30.20    22.94
   YBADJ    STCK3           14.98     6.99    -1.10   -11.60   -21.74   -31.23
   YBADJ    STCK3          -39.77   -47.09   -52.99   -57.28   -59.83   -50.06

   YBADJ    STCK4          -41.69   -33.82   -25.11   -15.63    -5.67     4.45
   YBADJ    STCK4           14.44    23.57    31.87    41.64    50.15    57.13
   YBADJ    STCK4           62.38    65.73    67.09    66.40    63.70    48.56
   YBADJ    STCK4           41.69    33.82    25.11    15.63     5.67    -4.45
   YBADJ    STCK4          -14.44   -23.57   -31.87   -41.64   -50.15   -57.13
   YBADJ    STCK4          -62.38   -65.73   -67.09   -66.40   -63.70   -48.56

   YBADJ    STCK5          -37.77   -25.03   -11.71     1.96    15.57    28.71
   YBADJ    STCK5           40.97    51.57    60.49    70.01    77.41    82.45
   YBADJ    STCK5           84.99    84.94    82.31    77.19    69.72    49.62
   YBADJ    STCK5           37.77    25.03    11.71    -1.96   -15.57   -28.71
   YBADJ    STCK5          -40.97   -51.57   -60.49   -70.01   -77.41   -82.45
   YBADJ    STCK5          -84.99   -84.94   -82.31   -77.19   -69.72   -49.62

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19518 Almond Avenue Warehouse OY.rou"
RE FINISHED
**
```

```
*************************************
** AERMOD Meteorology Pathway
*************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC"
   PROFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL"
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
*************************************
** AERMOD Output Pathway
*************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19518 Almond Avenue Warehouse OY.AD\PE00GALL.PLT" 31
   SUMMFILE "19518 Almond Avenue Warehouse OY.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   230 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * 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:    230 Source(s);       1 Source Group(s); and     450 Receptor(s)

               with:      5 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    225 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**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) =   481.00 ;  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:   19518 Almond Avenue Warehouse OY.err
**File for Summary of Results:   19518 Almond Avenue Warehouse OY.sum

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                      ***        11:06:52
                                                                                                                  PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** POINT SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE     STACK   STACK    STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                       VARY BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

STCK1           0   0.42900E-05  480359.4 3770320.7   369.1     3.50   366.00    51.90     0.10    YES     YES   NO
STCK2           0   0.42900E-05  480384.4 3770299.2   369.5     3.50   366.00    51.90     0.10    YES     YES   NO
STCK3           0   0.42900E-05  480384.0 3770271.0   369.6     3.50   366.00    51.90     0.10    YES     YES   NO
STCK4           0   0.42900E-05  480385.5 3770240.2   369.8     3.50   366.00    51.90     0.10    YES     YES   NO
STCK5           0   0.42900E-05  480384.4 3770211.6   370.0     3.50   366.00    51.90     0.10    YES     YES   NO

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                      ***        11:06:52
                                                                                                                  PAGE   3
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
L0000001        0   0.73810E-07  480357.2 3770360.3   368.8     3.50     4.00     4.96     YES
L0000002        0   0.73810E-07  480357.3 3770351.7   368.9     3.50     4.00     4.96     YES
L0000003        0   0.73810E-07  480357.3 3770343.1   369.0     3.50     4.00     4.96     YES
L0000004        0   0.73810E-07  480357.3 3770334.5   369.0     3.50     4.00     4.96     YES
L0000005        0   0.73810E-07  480357.3 3770325.9   369.0     3.50     4.00     4.96     YES
L0000006        0   0.73810E-07  480357.4 3770317.3   369.0     3.50     4.00     4.96     YES
L0000007        0   0.73810E-07  480357.4 3770308.7   369.1     3.50     4.00     4.96     YES
L0000008        0   0.73810E-07  480357.4 3770300.1   369.1     3.50     4.00     4.96     YES
L0000009        0   0.73810E-07  480357.4 3770291.6   369.1     3.50     4.00     4.96     YES
L0000010        0   0.73810E-07  480357.5 3770283.0   369.1     3.50     4.00     4.96     YES
L0000011        0   0.73810E-07  480357.5 3770274.4   369.2     3.50     4.00     4.96     YES
L0000012        0   0.73810E-07  480357.5 3770265.8   369.2     3.50     4.00     4.96     YES
L0000013        0   0.73810E-07  480357.5 3770257.2   369.2     3.50     4.00     4.96     YES
L0000014        0   0.73810E-07  480357.6 3770248.6   369.2     3.50     4.00     4.96     YES
L0000015        0   0.73810E-07  480357.6 3770240.0   369.3     3.50     4.00     4.96     YES
L0000016        0   0.73810E-07  480357.6 3770231.4   369.3     3.50     4.00     4.96     YES
L0000017        0   0.73810E-07  480357.6 3770222.8   369.4     3.50     4.00     4.96     YES
L0000018        0   0.73810E-07  480357.7 3770214.2   369.4     3.50     4.00     4.96     YES
L0000019        0   0.73810E-07  480357.7 3770205.7   369.5     3.50     4.00     4.96     YES
L0000020        0   0.73810E-07  480357.7 3770197.1   369.6     3.50     4.00     4.96     YES
L0000021        0   0.73810E-07  480357.7 3770188.5   369.7     3.50     4.00     4.96     YES
L0000022        0   0.31590E-07  480360.8 3770375.5   368.5     3.50     4.00     1.63     YES
L0000023        0   0.31590E-07  480369.4 3770375.5   368.6     3.50     4.00     1.63     YES
L0000024        0   0.31590E-07  480378.0 3770375.5   368.7     3.50     4.00     1.63     YES
L0000025        0   0.31590E-07  480386.6 3770375.4   368.8     3.50     4.00     1.63     YES
L0000026        0   0.31590E-07  480395.2 3770375.4   368.9     3.50     4.00     1.63     YES
L0000027        0   0.31590E-07  480403.8 3770375.4   368.9     3.50     4.00     1.63     YES
L0000028        0   0.31590E-07  480412.4 3770375.4   369.1     3.50     4.00     1.63     YES
L0000029        0   0.31590E-07  480421.0 3770375.4   369.2     3.50     4.00     1.63     YES
L0000030        0   0.31590E-07  480429.6 3770375.4   369.2     3.50     4.00     1.63     YES
L0000031        0   0.31590E-07  480438.2 3770375.4   369.3     3.50     4.00     1.63     YES
L0000032        0   0.31590E-07  480446.8 3770375.4   369.4     3.50     4.00     1.63     YES
L0000033        0   0.31590E-07  480455.3 3770375.4   369.5     3.50     4.00     1.63     YES
L0000034        0   0.31590E-07  480463.9 3770375.3   369.7     3.50     4.00     1.63     YES
L0000035        0   0.31590E-07  480472.5 3770375.3   369.8     3.50     4.00     1.63     YES
L0000036        0   0.31590E-07  480481.1 3770375.3   370.0     3.50     4.00     1.63     YES
L0000037        0   0.31590E-07  480489.7 3770375.3   370.3     3.50     4.00     1.63     YES
L0000038        0   0.31590E-07  480498.3 3770375.3   370.6     3.50     4.00     1.63     YES
L0000039        0   0.31590E-07  480506.9 3770375.3   370.9     3.50     4.00     1.63     YES
L0000040        0   0.31590E-07  480515.5 3770375.3   371.1     3.50     4.00     1.63     YES
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0000041	0	0.31590E-07	480524.1	3770375.3	371.4	3.50	4.00	1.63	YES	
L0000042	0	0.31590E-07	480532.7	3770375.3	371.6	3.50	4.00	1.63	YES	
L0000043	0	0.31590E-07	480541.3	3770375.2	371.9	3.50	4.00	1.63	YES	
L0000044	0	0.31590E-07	480549.8	3770375.2	372.2	3.50	4.00	1.63	YES	
L0000045	0	0.31590E-07	480558.4	3770375.2	372.4	3.50	4.00	1.63	YES	
L0000046	0	0.31590E-07	480567.0	3770375.2	372.6	3.50	4.00	1.63	YES	
L0000047	0	0.31590E-07	480575.6	3770375.2	372.9	3.50	4.00	1.63	YES	
L0000048	0	0.31590E-07	480584.2	3770375.2	373.1	3.50	4.00	1.63	YES	
L0000049	0	0.31590E-07	480592.8	3770375.2	373.3	3.50	4.00	1.63	YES	
L0000050	0	0.31590E-07	480601.4	3770375.2	373.6	3.50	4.00	1.63	YES	
L0000051	0	0.31590E-07	480610.0	3770375.2	373.8	3.50	4.00	1.63	YES	
L0000052	0	0.31590E-07	480618.6	3770375.1	373.9	3.50	4.00	1.63	YES	
L0000053	0	0.31590E-07	480627.2	3770375.1	374.1	3.50	4.00	1.63	YES	
L0000054	0	0.31590E-07	480635.8	3770375.1	374.3	3.50	4.00	1.63	YES	
L0000055	0	0.31590E-07	480644.3	3770375.1	374.4	3.50	4.00	1.63	YES	
L0000056	0	0.31590E-07	480652.9	3770375.1	374.5	3.50	4.00	1.63	YES	
L0000057	0	0.31590E-07	480661.5	3770375.1	374.6	3.50	4.00	1.63	YES	
L0000058	0	0.31590E-07	480670.1	3770375.1	374.8	3.50	4.00	1.63	YES	
L0000059	0	0.31590E-07	480678.7	3770375.1	374.9	3.50	4.00	1.63	YES	
L0000060	0	0.31590E-07	480687.3	3770375.0	375.0	3.50	4.00	1.63	YES	
L0000061	0	0.31590E-07	480695.9	3770375.0	375.3	3.50	4.00	1.63	YES	
L0000062	0	0.31590E-07	480704.5	3770375.0	375.5	3.50	4.00	1.63	YES	
L0000063	0	0.31590E-07	480713.1	3770375.0	375.7	3.50	4.00	1.63	YES	
L0000064	0	0.31590E-07	480721.7	3770375.0	375.8	3.50	4.00	1.63	YES	
L0000065	0	0.31590E-07	480730.3	3770375.0	375.9	3.50	4.00	1.63	YES	
L0000294	0	0.15790E-07	480733.8	3770384.4	376.0	3.50	4.00	1.63	YES	
L0000295	0	0.15790E-07	480733.8	3770393.0	375.9	3.50	4.00	1.63	YES	
L0000296	0	0.15790E-07	480733.8	3770401.6	375.9	3.50	4.00	1.63	YES	
L0000297	0	0.15790E-07	480733.9	3770410.2	375.9	3.50	4.00	1.63	YES	
L0000298	0	0.15790E-07	480733.9	3770418.8	375.9	3.50	4.00	1.63	YES	
L0000299	0	0.15790E-07	480733.9	3770427.4	375.8	3.50	4.00	1.63	YES	
L0000300	0	0.15790E-07	480734.0	3770436.0	375.8	3.50	4.00	1.63	YES	
L0000301	0	0.15790E-07	480734.0	3770444.6	375.7	3.50	4.00	1.63	YES	
L0000302	0	0.15790E-07	480734.0	3770453.1	375.7	3.50	4.00	1.63	YES	
L0000303	0	0.15790E-07	480734.1	3770461.7	375.7	3.50	4.00	1.63	YES	
L0000304	0	0.15790E-07	480734.1	3770470.3	375.7	3.50	4.00	1.63	YES	
L0000305	0	0.15790E-07	480734.2	3770478.9	375.6	3.50	4.00	1.63	YES	
L0000306	0	0.15790E-07	480734.2	3770487.5	375.6	3.50	4.00	1.63	YES	
L0000307	0	0.15790E-07	480734.2	3770496.1	375.6	3.50	4.00	1.63	YES	
L0000308	0	0.15790E-07	480734.3	3770504.7	375.6	3.50	4.00	1.63	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
L0000309	0	0.15790E-07	480734.3	3770513.3	375.6	3.50	4.00	1.63	YES	
L0000310	0	0.15790E-07	480734.3	3770521.9	375.5	3.50	4.00	1.63	YES	
L0000311	0	0.15790E-07	480734.4	3770530.5	375.5	3.50	4.00	1.63	YES	
L0000312	0	0.15790E-07	480734.4	3770539.1	375.5	3.50	4.00	1.63	YES	
L0000313	0	0.15790E-07	480734.4	3770547.6	375.4	3.50	4.00	1.63	YES	
L0000314	0	0.15790E-07	480734.5	3770556.2	375.4	3.50	4.00	1.63	YES	
L0000315	0	0.15790E-07	480734.5	3770564.8	375.4	3.50	4.00	1.63	YES	
L0000316	0	0.15790E-07	480734.6	3770573.4	375.3	3.50	4.00	1.63	YES	
L0000317	0	0.15790E-07	480734.6	3770582.0	375.3	3.50	4.00	1.63	YES	
L0000318	0	0.15790E-07	480734.6	3770590.6	375.2	3.50	4.00	1.63	YES	
L0000319	0	0.15790E-07	480734.7	3770599.2	375.2	3.50	4.00	1.63	YES	
L0000320	0	0.15790E-07	480734.7	3770607.8	375.1	3.50	4.00	1.63	YES	
L0000321	0	0.15790E-07	480734.7	3770616.4	375.1	3.50	4.00	1.63	YES	
L0000322	0	0.15790E-07	480734.8	3770625.0	375.1	3.50	4.00	1.63	YES	
L0000323	0	0.15790E-07	480734.8	3770633.6	375.0	3.50	4.00	1.63	YES	
L0000324	0	0.15790E-07	480734.8	3770642.1	375.0	3.50	4.00	1.63	YES	
L0000325	0	0.15790E-07	480734.9	3770650.7	375.0	3.50	4.00	1.63	YES	
L0000326	0	0.15790E-07	480734.9	3770659.3	375.0	3.50	4.00	1.63	YES	
L0000327	0	0.15790E-07	480735.0	3770667.9	374.9	3.50	4.00	1.63	YES	
L0000328	0	0.15790E-07	480735.0	3770676.5	374.9	3.50	4.00	1.63	YES	
L0000329	0	0.15790E-07	480735.0	3770685.1	374.9	3.50	4.00	1.63	YES	
L0000330	0	0.15790E-07	480735.1	3770693.7	374.9	3.50	4.00	1.63	YES	
L0000331	0	0.15790E-07	480735.1	3770702.3	374.8	3.50	4.00	1.63	YES	
L0000332	0	0.15790E-07	480735.1	3770710.9	374.8	3.50	4.00	1.63	YES	
L0000333	0	0.15790E-07	480735.2	3770719.5	374.8	3.50	4.00	1.63	YES	
L0000334	0	0.15790E-07	480735.2	3770728.1	374.7	3.50	4.00	1.63	YES	
L0000335	0	0.15790E-07	480735.2	3770736.6	374.7	3.50	4.00	1.63	YES	
L0000336	0	0.15790E-07	480735.3	3770745.2	374.6	3.50	4.00	1.63	YES	
L0000337	0	0.15790E-07	480735.3	3770753.8	374.6	3.50	4.00	1.63	YES	
L0000338	0	0.15790E-07	480735.4	3770762.4	374.5	3.50	4.00	1.63	YES	
L0000339	0	0.15790E-07	480735.4	3770771.0	374.5	3.50	4.00	1.63	YES	
L0000340	0	0.15790E-07	480735.4	3770779.6	374.4	3.50	4.00	1.63	YES	
L0000341	0	0.15790E-07	480735.5	3770788.2	374.4	3.50	4.00	1.63	YES	
L0000342	0	0.15790E-07	480735.5	3770796.8	374.4	3.50	4.00	1.63	YES	
L0000343	0	0.15790E-07	480735.5	3770805.4	374.4	3.50	4.00	1.63	YES	
L0000344	0	0.15790E-07	480735.6	3770814.0	374.5	3.50	4.00	1.63	YES	
L0000345	0	0.15790E-07	480735.6	3770822.5	374.5	3.50	4.00	1.63	YES	
L0000346	0	0.15790E-07	480735.6	3770831.1	374.5	3.50	4.00	1.63	YES	
L0000347	0	0.15790E-07	480735.7	3770839.7	374.6	3.50	4.00	1.63	YES	
L0000348	0	0.15790E-07	480735.7	3770848.3	374.6	3.50	4.00	1.63	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
L0000349	0	0.15790E-07	480735.8	3770856.9	374.6	3.50	4.00	1.63	YES	
L0000350	0	0.15790E-07	480735.8	3770865.5	374.7	3.50	4.00	1.63	YES	
L0000351	0	0.15790E-07	480735.8	3770874.1	374.7	3.50	4.00	1.63	YES	
L0000352	0	0.15790E-07	480735.9	3770882.7	374.7	3.50	4.00	1.63	YES	
L0000353	0	0.15790E-07	480735.9	3770891.3	374.8	3.50	4.00	1.63	YES	
L0000354	0	0.15790E-07	480735.9	3770899.9	374.8	3.50	4.00	1.63	YES	
L0000355	0	0.15790E-07	480736.0	3770908.5	374.8	3.50	4.00	1.63	YES	
L0000356	0	0.15790E-07	480736.0	3770917.0	374.8	3.50	4.00	1.63	YES	
L0000357	0	0.15790E-07	480736.0	3770925.6	374.9	3.50	4.00	1.63	YES	
L0000358	0	0.15790E-07	480736.1	3770934.2	374.9	3.50	4.00	1.63	YES	
L0000359	0	0.15790E-07	480736.1	3770942.8	374.9	3.50	4.00	1.63	YES	
L0000360	0	0.15790E-07	480736.2	3770951.4	374.9	3.50	4.00	1.63	YES	
L0000361	0	0.15790E-07	480736.2	3770960.0	374.8	3.50	4.00	1.63	YES	
L0000362	0	0.15790E-07	480736.2	3770968.6	374.8	3.50	4.00	1.63	YES	
L0000363	0	0.15790E-07	480736.3	3770977.2	374.8	3.50	4.00	1.63	YES	
L0000364	0	0.15790E-07	480736.3	3770985.8	374.8	3.50	4.00	1.63	YES	
L0000365	0	0.15790E-07	480736.3	3770994.4	374.7	3.50	4.00	1.63	YES	
L0000366	0	0.15790E-07	480736.4	3771003.0	374.7	3.50	4.00	1.63	YES	
L0000367	0	0.15790E-07	480736.4	3771011.5	374.7	3.50	4.00	1.63	YES	
L0000368	0	0.15790E-07	480736.4	3771020.1	374.8	3.50	4.00	1.63	YES	
L0000369	0	0.15790E-07	480736.5	3771028.7	374.8	3.50	4.00	1.63	YES	
L0000454	0	0.15710E-07	480733.7	3770366.0	376.0	3.50	4.00	1.63	YES	
L0000455	0	0.15710E-07	480733.8	3770357.4	376.0	3.50	4.00	1.63	YES	
L0000456	0	0.15710E-07	480733.9	3770348.8	376.0	3.50	4.00	1.63	YES	
L0000457	0	0.15710E-07	480734.0	3770340.2	376.1	3.50	4.00	1.63	YES	
L0000458	0	0.15710E-07	480734.0	3770331.6	376.1	3.50	4.00	1.63	YES	
L0000459	0	0.15710E-07	480734.1	3770323.0	376.1	3.50	4.00	1.63	YES	
L0000460	0	0.15710E-07	480734.2	3770314.5	376.1	3.50	4.00	1.63	YES	
L0000461	0	0.15710E-07	480734.3	3770305.9	376.2	3.50	4.00	1.63	YES	
L0000462	0	0.15710E-07	480734.3	3770297.3	376.2	3.50	4.00	1.63	YES	
L0000463	0	0.15710E-07	480734.4	3770288.7	376.2	3.50	4.00	1.63	YES	
L0000464	0	0.15710E-07	480734.5	3770280.1	376.3	3.50	4.00	1.63	YES	
L0000465	0	0.15710E-07	480734.5	3770271.5	376.3	3.50	4.00	1.63	YES	
L0000466	0	0.15710E-07	480734.6	3770262.9	376.3	3.50	4.00	1.63	YES	
L0000467	0	0.15710E-07	480734.7	3770254.3	376.4	3.50	4.00	1.63	YES	
L0000468	0	0.15710E-07	480734.8	3770245.7	376.4	3.50	4.00	1.63	YES	
L0000469	0	0.15710E-07	480734.8	3770237.1	376.4	3.50	4.00	1.63	YES	
L0000470	0	0.15710E-07	480734.9	3770228.6	376.5	3.50	4.00	1.63	YES	
L0000471	0	0.15710E-07	480735.0	3770220.0	376.5	3.50	4.00	1.63	YES	
L0000472	0	0.15710E-07	480735.1	3770211.4	376.6	3.50	4.00	1.63	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
L0000473	0	0.15710E-07	480735.1	3770202.8	376.6	3.50	4.00	1.63	YES	
L0000474	0	0.15710E-07	480735.2	3770194.2	376.6	3.50	4.00	1.63	YES	
L0000475	0	0.15710E-07	480735.3	3770185.6	376.7	3.50	4.00	1.63	YES	
L0000476	0	0.15710E-07	480735.4	3770177.0	376.7	3.50	4.00	1.63	YES	
L0000477	0	0.15710E-07	480735.4	3770168.4	376.7	3.50	4.00	1.63	YES	
L0000478	0	0.15710E-07	480735.5	3770159.8	376.7	3.50	4.00	1.63	YES	
L0000479	0	0.15710E-07	480735.6	3770151.2	376.7	3.50	4.00	1.63	YES	
L0000480	0	0.15710E-07	480735.6	3770142.6	376.7	3.50	4.00	1.63	YES	
L0000481	0	0.15710E-07	480735.7	3770134.1	376.7	3.50	4.00	1.63	YES	
L0000482	0	0.15710E-07	480735.8	3770125.5	376.7	3.50	4.00	1.63	YES	
L0000483	0	0.15710E-07	480735.9	3770116.9	376.7	3.50	4.00	1.63	YES	
L0000484	0	0.15710E-07	480735.9	3770108.3	376.7	3.50	4.00	1.63	YES	
L0000485	0	0.15710E-07	480736.0	3770099.7	376.7	3.50	4.00	1.63	YES	
L0000486	0	0.15710E-07	480736.1	3770091.1	376.7	3.50	4.00	1.63	YES	
L0000487	0	0.15710E-07	480736.2	3770082.5	376.7	3.50	4.00	1.63	YES	
L0000488	0	0.15710E-07	480736.2	3770073.9	376.7	3.50	4.00	1.63	YES	
L0000489	0	0.15710E-07	480736.3	3770065.3	376.7	3.50	4.00	1.63	YES	
L0000490	0	0.15710E-07	480736.4	3770056.7	376.6	3.50	4.00	1.63	YES	
L0000491	0	0.15710E-07	480736.5	3770048.1	376.6	3.50	4.00	1.63	YES	
L0000492	0	0.15710E-07	480736.5	3770039.6	376.6	3.50	4.00	1.63	YES	
L0000493	0	0.15710E-07	480736.6	3770031.0	376.6	3.50	4.00	1.63	YES	
L0000494	0	0.15710E-07	480736.7	3770022.4	376.6	3.50	4.00	1.63	YES	
L0000495	0	0.15710E-07	480736.8	3770013.8	376.6	3.50	4.00	1.63	YES	
L0000496	0	0.15710E-07	480736.8	3770005.2	376.6	3.50	4.00	1.63	YES	
L0000497	0	0.15710E-07	480736.9	3769996.6	376.6	3.50	4.00	1.63	YES	
L0000498	0	0.15710E-07	480737.0	3769988.0	376.6	3.50	4.00	1.63	YES	
L0000499	0	0.15710E-07	480737.0	3769979.4	376.6	3.50	4.00	1.63	YES	
L0000500	0	0.15710E-07	480737.1	3769970.8	376.6	3.50	4.00	1.63	YES	
L0000501	0	0.15710E-07	480737.2	3769962.2	376.6	3.50	4.00	1.63	YES	
L0000502	0	0.15710E-07	480737.3	3769953.7	376.6	3.50	4.00	1.63	YES	
L0000503	0	0.15710E-07	480737.3	3769945.1	376.6	3.50	4.00	1.63	YES	
L0000504	0	0.15710E-07	480737.4	3769936.5	376.6	3.50	4.00	1.63	YES	
L0000505	0	0.15710E-07	480737.5	3769927.9	376.6	3.50	4.00	1.63	YES	
L0000506	0	0.15710E-07	480737.6	3769919.3	376.6	3.50	4.00	1.63	YES	
L0000507	0	0.15710E-07	480737.6	3769910.7	376.6	3.50	4.00	1.63	YES	
L0000508	0	0.15710E-07	480737.7	3769902.1	376.6	3.50	4.00	1.63	YES	
L0000509	0	0.15710E-07	480737.8	3769893.5	376.7	3.50	4.00	1.63	YES	
L0000510	0	0.15710E-07	480737.9	3769884.9	376.7	3.50	4.00	1.63	YES	

```
L0000511         0   0.15710E-07  480737.9 3769876.3   376.7     3.50     4.00     1.63     YES
L0000512         0   0.15710E-07  480738.0 3769867.8   376.7     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                              ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                ***        11:06:52
                                                                                                             PAGE   8
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT     SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.                (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

L0000513         0   0.15710E-07  480738.1 3769859.2   376.7     3.50     4.00     1.63     YES
L0000514         0   0.15710E-07  480738.1 3769850.6   376.7     3.50     4.00     1.63     YES
L0000515         0   0.15710E-07  480738.2 3769842.0   376.8     3.50     4.00     1.63     YES
L0000516         0   0.15710E-07  480738.3 3769833.4   376.8     3.50     4.00     1.63     YES
L0000517         0   0.15710E-07  480738.4 3769824.8   376.9     3.50     4.00     1.63     YES
L0000518         0   0.15710E-07  480738.4 3769816.2   376.9     3.50     4.00     1.63     YES
L0000519         0   0.15710E-07  480738.5 3769807.6   377.0     3.50     4.00     1.63     YES
L0000520         0   0.15710E-07  480738.6 3769799.0   377.1     3.50     4.00     1.63     YES
L0000521         0   0.15710E-07  480738.7 3769790.4   377.4     3.50     4.00     1.63     YES
L0000522         0   0.15710E-07  480738.7 3769781.8   377.6     3.50     4.00     1.63     YES
L0000523         0   0.15710E-07  480738.8 3769773.3   377.8     3.50     4.00     1.63     YES
L0000524         0   0.15710E-07  480738.9 3769764.7   378.1     3.50     4.00     1.63     YES
L0000525         0   0.15710E-07  480739.0 3769756.1   378.4     3.50     4.00     1.63     YES
L0000526         0   0.15710E-07  480739.0 3769747.5   378.8     3.50     4.00     1.63     YES
L0000527         0   0.15710E-07  480739.1 3769738.9   379.1     3.50     4.00     1.63     YES
L0000528         0   0.15710E-07  480739.2 3769730.3   379.5     3.50     4.00     1.63     YES
L0000529         0   0.15710E-07  480739.2 3769721.7   379.9     3.50     4.00     1.63     YES
L0000530         0   0.15710E-07  480739.3 3769713.1   380.3     3.50     4.00     1.63     YES
L0000531         0   0.15710E-07  480739.4 3769704.5   380.7     3.50     4.00     1.63     YES
L0000532         0   0.15710E-07  480739.5 3769695.9   381.1     3.50     4.00     1.63     YES
L0000533         0   0.15710E-07  480739.5 3769687.3   381.5     3.50     4.00     1.63     YES
L0000534         0   0.15710E-07  480739.6 3769678.8   381.9     3.50     4.00     1.63     YES
L0000535         0   0.15710E-07  480739.7 3769670.2   382.2     3.50     4.00     1.63     YES
L0000536         0   0.15710E-07  480739.8 3769661.6   382.6     3.50     4.00     1.63     YES
L0000537         0   0.15710E-07  480739.8 3769653.0   383.0     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                              ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                ***        11:06:52
                                                                                                             PAGE   9
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                          SOURCE IDs
```

```
-----------                                          ----------

 ALL        STCK1      , STCK2      , STCK3      , STCK4      , STCK5      , 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   , L0000040   , L0000041   , L0000042   , L0000043   ,
            L0000044   , L0000045   , L0000046   , L0000047   , L0000048   , L0000049   , L0000050   , L0000051   ,
            L0000052   , L0000053   , L0000054   , L0000055   , L0000056   , L0000057   , L0000058   , L0000059   ,
            L0000060   , L0000061   , L0000062   , L0000063   , L0000064   , L0000065   , L0000294   , L0000295   ,
            L0000296   , L0000297   , L0000298   , L0000299   , L0000300   , L0000301   , L0000302   , L0000303   ,
            L0000304   , L0000305   , L0000306   , L0000307   , L0000308   , L0000309   , L0000310   , L0000311   ,
            L0000312   , L0000313   , L0000314   , L0000315   , L0000316   , L0000317   , L0000318   , L0000319   ,
            L0000320   , L0000321   , L0000322   , L0000323   , L0000324   , L0000325   , L0000326   , L0000327   ,
            L0000328   , L0000329   , L0000330   , L0000331   , L0000332   , L0000333   , L0000334   , L0000335   ,
            L0000336   , L0000337   , L0000338   , L0000339   , L0000340   , L0000341   , L0000342   , L0000343   ,
            L0000344   , L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,
            L0000352   , L0000353   , L0000354   , L0000355   , L0000356   , L0000357   , L0000358   , L0000359   ,
            L0000360   , L0000361   , L0000362   , L0000363   , L0000364   , L0000365   , L0000366   , L0000367   ,
            L0000368   , L0000369   , L0000454   , L0000455   , L0000456   , L0000457   , L0000458   , L0000459   ,
            L0000460   , L0000461   , L0000462   , L0000463   , L0000464   , L0000465   , L0000466   , L0000467   ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

            L0000468    , L0000469    , L0000470    , L0000471    , L0000472    , L0000473    , L0000474    , L0000475    ,
            L0000476    , L0000477    , L0000478    , L0000479    , L0000480    , L0000481    , L0000482    , L0000483    ,
            L0000484    , L0000485    , L0000486    , L0000487    , L0000488    , L0000489    , L0000490    , L0000491    ,
            L0000492    , L0000493    , L0000494    , L0000495    , L0000496    , L0000497    , L0000498    , L0000499    ,
            L0000500    , L0000501    , L0000502    , L0000503    , L0000504    , L0000505    , L0000506    , L0000507    ,
            L0000508    , L0000509    , L0000510    , L0000511    , L0000512    , L0000513    , L0000514    , L0000515    ,
            L0000516    , L0000517    , L0000518    , L0000519    , L0000520    , L0000521    , L0000522    , L0000523    ,
            L0000524    , L0000525    , L0000526    , L0000527    , L0000528    , L0000529    , L0000530    , L0000531    ,
            L0000532    , L0000533    , L0000534    , L0000535    , L0000536    , L0000537    ,

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                    ***        11:06:52
                                                                                                                PAGE  11
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

             2035210.   STCK1       , STCK2       , STCK3       , STCK4       , STCK5       , 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    , L0000040    , L0000041    , L0000042    , L0000043    ,
            L0000044    , L0000045    , L0000046    , L0000047    , L0000048    , L0000049    , L0000050    , L0000051    ,
            L0000052    , L0000053    , L0000054    , L0000055    , L0000056    , L0000057    , L0000058    , L0000059    ,
```

L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000294 , L0000295 ,

L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 ,

L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 ,

L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

L0000320 , L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 ,

L0000328 , L0000329 , L0000330 , L0000331 , L0000332 , L0000333 , L0000334 , L0000335 ,

L0000336 , L0000337 , L0000338 , L0000339 , L0000340 , L0000341 , L0000342 , L0000343 ,

L0000344 , L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 ,

L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 ,

L0000368 , L0000369 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 ,

L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 ,

L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 ,

L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,

L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,

L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,

L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 ,

L0000516 , L0000517 , L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 ,

L0000524 , L0000525 , L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-127.1,	-81.3,	2	10.7,	178.2,	197.9,	-115.5,	-85.8,
3	10.7,	195.4,	201.7,	-100.3,	-87.9,	4	10.7,	206.7,	199.4,	-82.2,	-87.3,
5	10.7,	211.8,	191.0,	-61.5,	-84.0,	6	10.7,	210.4,	176.8,	-39.0,	-78.2,
7	10.7,	202.6,	157.3,	-15.2,	-70.0,	8	10.7,	189.5,	132.9,	9.0,	-60.2,
9	10.7,	172.6,	129.3,	10.0,	-48.5,	10	10.7,	188.1,	155.8,	3.4,	-33.0,
11	10.7,	197.9,	178.2,	-3.2,	-16.5,	12	10.7,	201.7,	195.4,	-9.8,	0.5,
13	10.7,	199.4,	206.7,	-16.1,	17.5,	14	10.7,	191.0,	211.8,	-21.9,	34.0,
15	10.7,	176.8,	210.4,	-27.0,	49.4,	16	10.7,	157.3,	202.6,	-31.3,	63.4,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	10.7,	155.8,	188.1,	-61.0,	81.3,	20	10.7,	178.2,	197.9,	-82.5,	85.8,
21	10.7,	195.4,	201.7,	-101.4,	87.9,	22	10.7,	206.7,	199.4,	-117.2,	87.3,
23	10.7,	211.8,	191.0,	-129.5,	84.0,	24	10.7,	210.4,	176.8,	-137.9,	78.2,
25	10.7,	202.6,	157.3,	-142.0,	70.0,	26	10.7,	189.5,	132.9,	-141.9,	60.2,
27	10.7,	172.6,	129.3,	-139.3,	48.5,	28	10.7,	188.1,	155.8,	-159.2,	33.0,
29	10.7,	197.9,	178.2,	-174.9,	16.5,	30	10.7,	201.7,	195.4,	-185.6,	-0.5,
31	10.7,	199.4,	206.7,	-190.7,	-17.5,	32	10.7,	191.0,	211.8,	-189.9,	-34.0,
33	10.7,	176.8,	210.4,	-183.4,	-49.4,	34	10.7,	157.3,	202.6,	-171.4,	-63.4,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-110.3,	-53.0,	2	10.7,	178.2,	197.9,	-103.9,	-55.0,
3	10.7,	195.4,	201.7,	-94.3,	-55.5,	4	10.7,	206.7,	199.4,	-81.8,	-54.3,
5	10.7,	211.8,	191.0,	-66.9,	-51.5,	6	10.7,	210.4,	176.8,	-49.9,	-47.1,
7	10.7,	202.6,	157.3,	-31.4,	-41.3,	8	10.7,	189.5,	132.9,	-12.0,	-34.7,
9	10.7,	172.6,	129.3,	-15.0,	-27.1,	10	10.7,	188.1,	155.8,	-24.9,	-16.2,
11	10.7,	197.9,	178.2,	-34.1,	-4.9,	12	10.7,	201.7,	195.4,	-42.2,	6.6,
13	10.7,	199.4,	206.7,	-49.0,	17.9,	14	10.7,	191.0,	211.8,	-54.4,	28.6,
15	10.7,	176.8,	210.4,	-58.0,	38.5,	16	10.7,	157.3,	202.6,	-60.0,	47.2,
17	10.7,	132.9,	189.5,	-60.1,	54.5,	18	10.7,	129.3,	172.6,	-59.2,	49.6,
19	10.7,	155.8,	188.1,	-77.8,	53.0,	20	10.7,	178.2,	197.9,	-94.1,	55.0,
21	10.7,	195.4,	201.7,	-107.5,	55.5,	22	10.7,	206.7,	199.4,	-117.6,	54.3,
23	10.7,	211.8,	191.0,	-124.1,	51.5,	24	10.7,	210.4,	176.8,	-126.9,	47.1,
25	10.7,	202.6,	157.3,	-125.9,	41.3,	26	10.7,	189.5,	132.9,	-121.0,	34.7,
27	10.7,	172.6,	129.3,	-114.3,	27.1,	28	10.7,	188.1,	155.8,	-130.9,	16.2,
29	10.7,	197.9,	178.2,	-144.1,	4.9,	30	10.7,	201.7,	195.4,	-153.2,	-6.6,
31	10.7,	199.4,	206.7,	-157.7,	-17.9,	32	10.7,	191.0,	211.8,	-157.4,	-28.6,

33	10.7,	176.8,	210.4,	-152.4,	-38.5,	34	10.7,	157.3,	202.6,	-142.6,	-47.2,
35	10.7,	132.9,	189.5,	-129.5,	-54.5,	36	10.7,	129.3,	172.6,	-113.4,	-49.6,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-82.5,	-48.5,	2	10.7,	178.2,	197.9,	-77.2,	-45.7,
3	10.7,	195.4,	201.7,	-69.6,	-41.8,	4	10.7,	206.7,	199.4,	-59.9,	-36.5,
5	10.7,	211.8,	191.0,	-48.4,	-30.2,	6	10.7,	210.4,	176.8,	-35.4,	-22.9,
7	10.7,	202.6,	157.3,	-21.4,	-15.0,	8	10.7,	189.5,	132.9,	-6.6,	-7.0,
9	10.7,	172.6,	129.3,	-14.6,	1.1,	10	10.7,	188.1,	155.8,	-29.4,	11.6,
11	10.7,	197.9,	178.2,	-43.3,	21.7,	12	10.7,	201.7,	195.4,	-55.9,	31.2,
13	10.7,	199.4,	206.7,	-66.8,	39.8,	14	10.7,	191.0,	211.8,	-75.7,	47.1,
15	10.7,	176.8,	210.4,	-82.3,	53.0,	16	10.7,	157.3,	202.6,	-86.3,	57.3,
17	10.7,	132.9,	189.5,	-87.8,	59.8,	18	10.7,	129.3,	172.6,	-87.4,	50.1,
19	10.7,	155.8,	188.1,	-105.7,	48.5,	20	10.7,	178.2,	197.9,	-120.7,	45.7,
21	10.7,	195.4,	201.7,	-132.1,	41.8,	22	10.7,	206.7,	199.4,	-139.5,	36.5,
23	10.7,	211.8,	191.0,	-142.6,	30.2,	24	10.7,	210.4,	176.8,	-141.4,	22.9,
25	10.7,	202.6,	157.3,	-135.9,	15.0,	26	10.7,	189.5,	132.9,	-126.3,	7.0,
27	10.7,	172.6,	129.3,	-114.7,	-1.1,	28	10.7,	188.1,	155.8,	-126.4,	-11.6,
29	10.7,	197.9,	178.2,	-134.8,	-21.7,	30	10.7,	201.7,	195.4,	-139.5,	-31.2,
31	10.7,	199.4,	206.7,	-139.9,	-39.8,	32	10.7,	191.0,	211.8,	-136.1,	-47.1,
33	10.7,	176.8,	210.4,	-128.1,	-53.0,	34	10.7,	157.3,	202.6,	-116.3,	-57.3,
35	10.7,	132.9,	189.5,	-101.8,	-59.8,	36	10.7,	129.3,	172.6,	-85.2,	-50.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-52.4,	-41.7,	2	10.7,	178.2,	197.9,	-48.8,	-33.8,
3	10.7,	195.4,	201.7,	-43.7,	-25.1,	4	10.7,	206.7,	199.4,	-37.3,	-15.6,
5	10.7,	211.8,	191.0,	-29.8,	-5.7,	6	10.7,	210.4,	176.8,	-21.3,	4.5,
7	10.7,	202.6,	157.3,	-12.2,	14.4,	8	10.7,	189.5,	132.9,	-2.8,	23.6,
9	10.7,	172.6,	129.3,	-16.1,	31.9,	10	10.7,	188.1,	155.8,	-36.2,	41.6,
11	10.7,	197.9,	178.2,	-55.2,	50.1,	12	10.7,	201.7,	195.4,	-72.6,	57.1,
13	10.7,	199.4,	206.7,	-87.8,	62.4,	14	10.7,	191.0,	211.8,	-100.2,	65.7,
15	10.7,	176.8,	210.4,	-109.6,	67.1,	16	10.7,	157.3,	202.6,	-115.8,	66.4,
17	10.7,	132.9,	189.5,	-118.3,	63.7,	18	10.7,	129.3,	172.6,	-118.2,	48.6,
19	10.7,	155.8,	188.1,	-135.7,	41.7,	20	10.7,	178.2,	197.9,	-149.1,	33.8,
21	10.7,	195.4,	201.7,	-158.0,	25.1,	22	10.7,	206.7,	199.4,	-162.1,	15.6,
23	10.7,	211.8,	191.0,	-161.2,	5.7,	24	10.7,	210.4,	176.8,	-155.5,	-4.5,
25	10.7,	202.6,	157.3,	-145.0,	-14.4,	26	10.7,	189.5,	132.9,	-130.2,	-23.6,
27	10.7,	172.6,	129.3,	-113.2,	-31.9,	28	10.7,	188.1,	155.8,	-119.6,	-41.6,
29	10.7,	197.9,	178.2,	-122.9,	-50.1,	30	10.7,	201.7,	195.4,	-122.8,	-57.1,
31	10.7,	199.4,	206.7,	-119.0,	-62.4,	32	10.7,	191.0,	211.8,	-111.6,	-65.7,
33	10.7,	176.8,	210.4,	-100.8,	-67.1,	34	10.7,	157.3,	202.6,	-86.9,	-66.4,
35	10.7,	132.9,	189.5,	-71.2,	-63.7,	36	10.7,	129.3,	172.6,	-54.4,	-48.6,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-24.0,	-37.8,	2	10.7,	178.2,	197.9,	-21.6,	-25.0,
3	10.7,	195.4,	201.7,	-18.4,	-11.7,	4	10.7,	206.7,	199.4,	-14.7,	2.0,
5	10.7,	211.8,	191.0,	-10.6,	15.6,	6	10.7,	210.4,	176.8,	-6.1,	28.7,
7	10.7,	202.6,	157.3,	-1.4,	41.0,	8	10.7,	189.5,	132.9,	3.2,	51.6,
9	10.7,	172.6,	129.3,	-15.0,	60.5,	10	10.7,	188.1,	155.8,	-40.1,	70.0,
11	10.7,	197.9,	178.2,	-64.0,	77.4,	12	10.7,	201.7,	195.4,	-86.0,	82.5,
13	10.7,	199.4,	206.7,	-105.3,	85.0,	14	10.7,	191.0,	211.8,	-121.5,	84.9,
15	10.7,	176.8,	210.4,	-133.9,	82.3,	16	10.7,	157.3,	202.6,	-142.3,	77.2,
17	10.7,	132.9,	189.5,	-146.3,	69.7,	18	10.7,	129.3,	172.6,	-146.8,	49.6,
19	10.7,	155.8,	188.1,	-164.1,	37.8,	20	10.7,	178.2,	197.9,	-176.4,	25.0,
21	10.7,	195.4,	201.7,	-183.3,	11.7,	22	10.7,	206.7,	199.4,	-184.7,	-2.0,
23	10.7,	211.8,	191.0,	-180.5,	-15.6,	24	10.7,	210.4,	176.8,	-170.7,	-28.7,
25	10.7,	202.6,	157.3,	-155.8,	-41.0,	26	10.7,	189.5,	132.9,	-136.2,	-51.6,
27	10.7,	172.6,	129.3,	-114.3,	-60.5,	28	10.7,	188.1,	155.8,	-115.7,	-70.0,
29	10.7,	197.9,	178.2,	-114.1,	-77.4,	30	10.7,	201.7,	195.4,	-109.4,	-82.5,
31	10.7,	199.4,	206.7,	-101.4,	-85.0,	32	10.7,	191.0,	211.8,	-90.3,	-84.9,
33	10.7,	176.8,	210.4,	-76.5,	-82.3,	34	10.7,	157.3,	202.6,	-60.3,	-77.2,
35	10.7,	132.9,	189.5,	-43.2,	-69.7,	36	10.7,	129.3,	172.6,	-25.8,	-49.6,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

479883.5, 479933.5, 479983.5, 480033.5, 480083.5, 480133.5, 480183.5, 480233.5, 480283.5, 480333.5,
480383.5, 480433.5, 480483.5, 480533.5, 480583.5, 480633.5, 480683.5, 480733.5, 480783.5, 480833.5,
480883.5,

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

3769867.4, 3769917.4, 3769967.4, 3770017.4, 3770067.4, 3770117.4, 3770167.4, 3770217.4, 3770267.4, 3770317.4,
3770367.4, 3770417.4, 3770467.4, 3770517.4, 3770567.4, 3770617.4, 3770667.4, 3770717.4, 3770767.4, 3770817.4,
3770867.4,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	359.90	362.60	364.60	364.70	364.70	364.70	366.90	367.50	367.80
3770817.38	361.10	363.10	364.20	364.50	365.20	365.90	367.40	367.90	368.20
3770767.38	362.80	363.60	364.50	365.10	365.80	366.50	367.30	367.90	368.30
3770717.38	362.80	363.70	364.40	365.10	365.80	366.50	367.20	367.70	368.10
3770667.38	362.70	363.70	364.40	365.00	365.80	366.50	367.30	367.80	368.30
3770617.38	362.60	363.90	364.50	365.20	365.90	366.60	367.30	367.70	368.10
3770567.38	362.70	363.90	364.50	365.30	365.80	366.30	366.90	367.30	367.80
3770517.38	362.80	363.80	363.10	365.80	365.80	366.10	366.60	367.10	367.40
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	366.40	366.70	367.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	366.50	366.80
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	367.70
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	368.00	368.80	369.40	370.10	371.20	372.80	373.10	373.90	374.70
3770817.38	368.40	369.00	369.60	370.40	371.10	372.90	373.00	373.60	374.40
3770767.38	368.90	369.50	370.10	370.80	371.60	372.50	373.20	373.90	374.50
3770717.38	368.90	370.00	370.50	371.10	371.90	372.70	373.80	374.40	374.80

3770667.38	369.10	370.40	370.40	370.70	371.70	372.80	373.80	374.00	374.90
3770617.38	369.20	370.30	370.10	370.60	371.30	372.40	373.10	373.60	375.10
3770567.38	368.80	369.30	369.60	369.80	370.80	372.20	373.00	373.70	375.30
3770517.38	367.90	368.10	368.30	368.80	369.80	372.00	373.00	373.70	375.50
3770467.38	367.30	367.60	367.90	368.50	369.70	371.90	373.00	373.70	375.60
3770417.38	367.10	367.40	367.60	368.30	370.10	372.50	373.90	374.10	375.80
3770367.38	368.30	368.90	369.60	370.40	371.90	373.30	374.30	375.00	376.00
3770317.38	368.20	369.40	370.10	370.90	372.10	373.80	374.30	374.60	376.10
3770267.38	368.00	369.60	370.20	371.10	372.10	373.70	374.20	374.70	376.30
3770217.38	368.00	369.90	370.60	371.50	372.40	374.20	374.40	375.20	376.50
3770167.38	369.10	370.40	371.30	372.00	372.90	374.30	374.60	375.50	376.70
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	374.70	376.00	376.70
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	376.00	376.60
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	376.60
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	480783.54	480833.54	480883.54
3770867.38	375.40	376.20	376.40
3770817.38	374.90	376.70	376.90
3770767.38	374.70	376.10	376.90
3770717.38	375.40	376.10	377.30
3770667.38	375.80	376.30	377.20
3770617.38	374.60	375.80	376.40
3770567.38	373.40	374.90	376.40
3770517.38	373.70	376.50	377.00
3770467.38	374.20	376.90	377.40
3770417.38	374.90	376.90	377.50
3770367.38	376.20	377.00	377.80
3770317.38	376.40	377.40	378.80
3770267.38	376.80	377.40	378.00
3770217.38	377.90	378.20	377.90
3770167.38	378.10	378.50	378.40
3770117.38	377.70	378.00	378.10
3770067.38	377.90	378.20	378.60
3770017.38	378.10	378.90	379.50
3769967.38	377.30	377.90	378.70
3769917.38	377.40	377.80	378.40

3769867.38	377.20	377.90	378.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	1409.60	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	362.60	363.90	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00
3770567.38	362.70	363.90	364.50	365.30	2396.90	2396.90	2397.00	2397.00	2397.00
3770517.38	362.80	363.80	363.10	365.80	365.80	2396.90	2396.90	2397.00	2397.00
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	2396.90	2397.00	2397.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	2396.90	2397.00
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	2396.90
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00

3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770367.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770317.38	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770267.38	368.00	369.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770217.38	368.00	369.90	370.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770167.38	369.10	370.40	371.30	372.00	2396.90	2396.90	2397.00	2397.00	2397.00
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	2396.90	2397.00	2397.00
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	2396.90	2397.00
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	2396.90
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00
3770367.38	2397.00	2397.00	2397.00
3770317.38	2397.00	2397.00	2397.00
3770267.38	2397.00	2397.00	2397.00
3770217.38	2397.00	2397.00	2397.00
3770167.38	2397.00	2397.00	2397.00
3770117.38	2397.00	2397.00	2397.00
3770067.38	2397.00	2397.00	2397.00

```
 3770017.38 |       2396.90      2397.00      2397.00
 3769967.38 |       2396.90      2396.90      2397.00
 3769917.38 |        377.40       377.80      2396.90
 3769867.38 |        377.20       377.90       378.40
```


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

```
   ( 480373.4, 3770154.8,     370.3,     370.3,       0.0);        ( 480335.6, 3770154.8,     369.6,     369.6,       0.0);
   ( 480308.2, 3770150.3,     369.3,     369.3,       0.0);        ( 480281.3, 3770152.4,     368.9,     368.9,       0.0);
   ( 480245.5, 3770152.8,     368.7,     368.7,       0.0);        ( 480378.7, 3770067.4,     370.8,     370.8,       0.0);
   ( 480062.0, 3770132.0,     365.9,     365.9,       0.0);        ( 480813.9, 3770460.3,     376.8,    2397.0,       0.0);
   ( 480301.8, 3770594.8,     368.2,    2397.0,       0.0);
```


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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000025	480383.5	3770367.4	0.03
L0000030	480433.5	3770367.4	0.34
L0000031	480433.5	3770367.4	0.64
L0000036	480483.5	3770367.4	-0.30
L0000042	480533.5	3770367.4	-0.68
L0000048	480583.5	3770367.4	-0.77
L0000054	480633.5	3770367.4	-0.55
L0000059	480683.5	3770367.4	0.47
L0000060	480683.5	3770367.4	-0.06
L0000065	480733.5	3770367.4	-0.31
L0000297	480733.5	3770417.4	-1.41
L0000298	480733.5	3770417.4	-7.15
L0000303	480733.5	3770467.4	-2.93
L0000304	480733.5	3770467.4	-5.60
L0000309	480733.5	3770517.4	-4.43
L0000310	480733.5	3770517.4	-4.04
L0000315	480733.5	3770567.4	-5.87
L0000316	480733.5	3770567.4	-2.48

L0000321	480733.5	3770617.4	-7.04
L0000322	480733.5	3770617.4	-0.92
L0000326	480733.5	3770667.4	-0.43
L0000327	480733.5	3770667.4	-7.09
L0000328	480733.5	3770667.4	0.64
L0000332	480733.5	3770717.4	-1.90
L0000333	480733.5	3770717.4	-5.96
L0000338	480733.5	3770767.4	-3.31
L0000339	480733.5	3770767.4	-4.53
L0000344	480733.5	3770817.4	-4.62
L0000345	480733.5	3770817.4	-3.03
L0000350	480733.5	3770867.4	-5.67
L0000351	480733.5	3770867.4	-1.51
L0000454	480733.5	3770367.4	-7.20
L0000459	480733.5	3770317.4	-2.91
L0000460	480733.5	3770317.4	-5.61
L0000465	480733.5	3770267.4	-4.36
L0000466	480733.5	3770267.4	-4.00
L0000471	480733.5	3770217.4	-5.64
L0000472	480733.5	3770217.4	-2.40
L0000477	480733.5	3770167.4	-6.45
L0000478	480733.5	3770167.4	-0.80

*** 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)
L0000482	480733.5	3770117.4	-0.21
L0000483	480733.5	3770117.4	-6.22
L0000484	480733.5	3770117.4	0.81
L0000488	480733.5	3770067.4	-1.52
L0000489	480733.5	3770067.4	-5.15
L0000494	480733.5	3770017.4	-2.70
L0000495	480733.5	3770017.4	-3.78
L0000500	480733.5	3769967.4	-3.63
L0000501	480733.5	3769967.4	-2.30
L0000506	480733.5	3769917.4	-4.15
L0000507	480733.5	3769917.4	-0.77
L0000512	480733.5	3769867.4	-4.12
L0000513	480733.5	3769867.4	0.79

```
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                                    ***        11:06:52
                                                                                                                                  PAGE  25
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

```
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
```

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

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

1.54,   3.09,   5.14,   8.23, 10.80,

```
*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                                 ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                                    ***        11:06:52
                                                                                                                                  PAGE  26
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

```
  Surface file:   E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC                                              Met Version:  16216
  Profile file:   E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:     3171                  Upper air station no.:     3190
                Name: UNKNOWN                                      Name: UNKNOWN
                Year:   2012                                       Year:   2012
```

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
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5

```
12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10   81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40   72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68   78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80  333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80   72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80  277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70  243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30  274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90  252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90  116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27   79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90   95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90   99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90  110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30   89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90  105.    9.1  285.9    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                      ***        11:06:52
                                                                                                                  PAGE  27
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
                    L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    , L0000008    ,
                    L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,
                    L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     479883.54    479933.54    479983.54    480033.54    480083.54    480133.54    480183.54    480233.54    480283.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00006      0.00007      0.00007      0.00007      0.00008      0.00008      0.00008      0.00009      0.00009
 3770817.38 |       0.00007      0.00008      0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00010
 3770767.38 |       0.00009      0.00009      0.00009      0.00010      0.00010      0.00011      0.00011      0.00011      0.00012
 3770717.38 |       0.00010      0.00011      0.00011      0.00012      0.00012      0.00012      0.00013      0.00013      0.00014
 3770667.38 |       0.00013      0.00014      0.00014      0.00014      0.00015      0.00015      0.00015      0.00016      0.00016
 3770617.38 |       0.00017      0.00018      0.00018      0.00019      0.00018      0.00018      0.00018      0.00019      0.00019
 3770567.38 |       0.00023      0.00024      0.00025      0.00025      0.00025      0.00024      0.00023      0.00023      0.00023
```

3770517.38	0.00029	0.00033	0.00034	0.00036	0.00035	0.00033	0.00031	0.00029	0.00029
3770467.38	0.00036	0.00042	0.00046	0.00051	0.00051	0.00049	0.00045	0.00041	0.00039
3770417.38	0.00040	0.00049	0.00057	0.00068	0.00073	0.00074	0.00071	0.00064	0.00059
3770367.38	0.00040	0.00050	0.00062	0.00077	0.00091	0.00104	0.00112	0.00114	0.00111
3770317.38	0.00034	0.00043	0.00055	0.00070	0.00087	0.00108	0.00132	0.00159	0.00195
3770267.38	0.00027	0.00033	0.00041	0.00051	0.00064	0.00080	0.00103	0.00137	0.00205
3770217.38	0.00020	0.00024	0.00029	0.00034	0.00040	0.00048	0.00058	0.00075	0.00114
3770167.38	0.00015	0.00018	0.00020	0.00023	0.00026	0.00030	0.00035	0.00041	0.00051
3770117.38	0.00012	0.00014	0.00016	0.00018	0.00020	0.00023	0.00027	0.00031	0.00037
3770067.38	0.00010	0.00012	0.00014	0.00015	0.00017	0.00020	0.00023	0.00027	0.00030
3770017.38	0.00009	0.00011	0.00012	0.00014	0.00016	0.00018	0.00020	0.00023	0.00025
3769967.38	0.00009	0.00010	0.00011	0.00013	0.00014	0.00016	0.00018	0.00019	0.00021
3769917.38	0.00008	0.00009	0.00010	0.00011	0.00012	0.00014	0.00015	0.00016	0.00017
3769867.38	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012	0.00013	0.00014	0.00015

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00010	0.00014	0.00028
3770817.38	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011	0.00012	0.00015	0.00028
3770767.38	0.00012	0.00012	0.00013	0.00012	0.00012	0.00012	0.00013	0.00016	0.00029
3770717.38	0.00014	0.00015	0.00014	0.00014	0.00014	0.00014	0.00014	0.00017	0.00031
3770667.38	0.00017	0.00017	0.00017	0.00017	0.00016	0.00016	0.00016	0.00019	0.00027
3770617.38	0.00020	0.00020	0.00021	0.00020	0.00019	0.00019	0.00019	0.00021	0.00035
3770567.38	0.00024	0.00024	0.00025	0.00025	0.00024	0.00022	0.00022	0.00024	0.00036
3770517.38	0.00029	0.00030	0.00030	0.00031	0.00030	0.00027	0.00026	0.00027	0.00039
3770467.38	0.00039	0.00039	0.00040	0.00041	0.00039	0.00035	0.00033	0.00033	0.00044
3770417.38	0.00060	0.00065	0.00068	0.00068	0.00058	0.00052	0.00048	0.00047	0.00054
3770367.38	0.00122	0.00115	0.00094	0.00110	0.00121	0.00099	0.00093	0.00076	0.00073
3770317.38	0.00222	0.00161	0.00116	0.00109	0.00121	0.00092	0.00074	0.00066	0.00069
3770267.38	0.00241	0.00226	0.00187	0.00154	0.00141	0.00110	0.00084	0.00072	0.00074
3770217.38	0.00170	0.00158	0.00142	0.00131	0.00148	0.00103	0.00082	0.00071	0.00074
3770167.38	0.00074	0.00089	0.00078	0.00081	0.00112	0.00077	0.00067	0.00061	0.00068
3770117.38	0.00045	0.00055	0.00058	0.00064	0.00059	0.00055	0.00051	0.00049	0.00053
3770067.38	0.00035	0.00038	0.00037	0.00039	0.00040	0.00040	0.00038	0.00039	0.00051

```
 3770017.38 |       0.00028      0.00028      0.00027      0.00029      0.00030      0.00030      0.00030      0.00032      0.00044
 3769967.38 |       0.00022      0.00023      0.00023      0.00023      0.00023      0.00023      0.00024      0.00027      0.00039
 3769917.38 |       0.00018      0.00018      0.00018      0.00018      0.00019      0.00019      0.00020      0.00023      0.00036
 3769867.38 |       0.00015      0.00016      0.00016      0.00016      0.00015      0.00016      0.00017      0.00020      0.00034

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                            ***        11:06:52
                                                                                                                         PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    , L0000008    ,
               L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,
               L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     480783.54    480833.54    480883.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00014      0.00009      0.00007
 3770817.38 |       0.00015      0.00010      0.00008
 3770767.38 |       0.00016      0.00011      0.00009
 3770717.38 |       0.00017      0.00012      0.00009
 3770667.38 |       0.00018      0.00013      0.00010
 3770617.38 |       0.00019      0.00014      0.00011
 3770567.38 |       0.00021      0.00016      0.00013
 3770517.38 |       0.00024      0.00017      0.00014
 3770467.38 |       0.00027      0.00020      0.00017
 3770417.38 |       0.00033      0.00024      0.00020
 3770367.38 |       0.00039      0.00029      0.00024
 3770317.38 |       0.00046      0.00035      0.00028
 3770267.38 |       0.00051      0.00039      0.00032
 3770217.38 |       0.00051      0.00040      0.00033
 3770167.38 |       0.00047      0.00037      0.00031
 3770117.38 |       0.00041      0.00032      0.00027
 3770067.38 |       0.00035      0.00027      0.00023
 3770017.38 |       0.00030      0.00023      0.00020
 3769967.38 |       0.00026      0.00020      0.00017
 3769917.38 |       0.00023      0.00017      0.00015
 3769867.38 |       0.00020      0.00015      0.00013

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse OY                                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2024                                                            ***        11:06:52
                                                                                                                         PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , . . . ,

*** 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
480373.40	3770154.77	0.00079	480335.59	3770154.77	0.00064
480308.24	3770150.35	0.00051	480281.29	3770152.36	0.00045
480245.49	3770152.76	0.00039	480378.70	3770067.38	0.00038
480061.96	3770132.04	0.00020	480813.93	3770460.26	0.00023
480301.81	3770594.82	0.00021			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 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	0.00241 AT (480333.54, 3770267.38, 368.00, 368.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00226 AT (480383.54, 3770267.38, 369.60, 369.60, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00222 AT (480333.54, 3770317.38, 368.20, 2396.90, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00205 AT (480283.54, 3770267.38, 367.60, 367.60, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00195 AT (480283.54, 3770317.38, 367.60, 367.60, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00187 AT (480433.54, 3770267.38, 370.20, 2396.90, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00170 AT (480333.54, 3770217.38, 368.00, 368.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00161 AT (480383.54, 3770317.38, 369.40, 2396.90, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00159 AT (480233.54, 3770317.38, 367.30, 367.30, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00158 AT (480383.54, 3770217.38, 369.90, 369.90, 0.00)	GC	UCART1

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

```
*** 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            7 Warning Message(s)
A Total of          388 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          191 Calm Hours Identified

A Total of          197 Missing Hours Identified (  0.45 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/4/2022
** File: C:\Lakes\AERMOD View\19518 Almond Avenue Warehouse 2YR\19518 Almond Avenue Warehouse 2YR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19518 Almond Avenue Warehouse 2YR
   TITLETWO DPM Conc 2025-26
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19518 Almond Avenue Warehouse 2YR.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      480359.400  3770320.660      369.060
** DESCRSRC Entrance/exit gate idling
   LOCATION STCK2        POINT      480384.406  3770299.208      369.510
** DESCRSRC Loading dock idling
   LOCATION STCK3        POINT      480383.979  3770271.008      369.620
** DESCRSRC Loading dock idling
   LOCATION STCK4        POINT      480385.475  3770240.244      369.770
** DESCRSRC Loading dock idling
   LOCATION STCK5        POINT      480384.406  3770211.617      369.960
** DESCRSRC Loading dock idling
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite travel
```

```
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.35E-06
** Elevated
** Building Height = 10.67
** SZINIT = 4.96
** Nodes = 2
** 480357.237, 3770364.581, 368.77, 3.50, 4.00
** 480357.740, 3770182.864, 369.59, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000538     VOLUME   480357.249 3770360.285 368.79
   LOCATION L0000539     VOLUME   480357.273 3770351.694 368.94
   LOCATION L0000540     VOLUME   480357.296 3770343.104 368.96
   LOCATION L0000541     VOLUME   480357.320 3770334.513 368.99
   LOCATION L0000542     VOLUME   480357.344 3770325.922 369.01
   LOCATION L0000543     VOLUME   480357.368 3770317.331 369.04
   LOCATION L0000544     VOLUME   480357.391 3770308.741 369.06
   LOCATION L0000545     VOLUME   480357.415 3770300.150 369.09
   LOCATION L0000546     VOLUME   480357.439 3770291.559 369.11
   LOCATION L0000547     VOLUME   480357.463 3770282.968 369.13
   LOCATION L0000548     VOLUME   480357.486 3770274.377 369.15
   LOCATION L0000549     VOLUME   480357.510 3770265.787 369.18
   LOCATION L0000550     VOLUME   480357.534 3770257.196 369.20
   LOCATION L0000551     VOLUME   480357.558 3770248.605 369.24
   LOCATION L0000552     VOLUME   480357.582 3770240.014 369.27
   LOCATION L0000553     VOLUME   480357.605 3770231.424 369.31
   LOCATION L0000554     VOLUME   480357.629 3770222.833 369.37
   LOCATION L0000555     VOLUME   480357.653 3770214.242 369.44
   LOCATION L0000556     VOLUME   480357.677 3770205.651 369.51
   LOCATION L0000557     VOLUME   480357.700 3770197.061 369.59
   LOCATION L0000558     VOLUME   480357.724 3770188.470 369.70
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Almond Ave to Alabama
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.27E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480356.554, 3770375.486, 368.31, 3.50, 4.00
** 480733.408, 3770374.989, 375.95, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000559     VOLUME   480360.849 3770375.480 368.48
   LOCATION L0000560     VOLUME   480369.440 3770375.469 368.57
   LOCATION L0000561     VOLUME   480378.031 3770375.457 368.66
```

```
   LOCATION L0000562     VOLUME   480386.622 3770375.446 368.76
   LOCATION L0000563     VOLUME   480395.212 3770375.435 368.85
   LOCATION L0000564     VOLUME   480403.803 3770375.423 368.95
   LOCATION L0000565     VOLUME   480412.394 3770375.412 369.05
   LOCATION L0000566     VOLUME   480420.985 3770375.401 369.15
   LOCATION L0000567     VOLUME   480429.575 3770375.389 369.25
   LOCATION L0000568     VOLUME   480438.166 3770375.378 369.34
   LOCATION L0000569     VOLUME   480446.757 3770375.367 369.43
   LOCATION L0000570     VOLUME   480455.348 3770375.355 369.52
   LOCATION L0000571     VOLUME   480463.939 3770375.344 369.67
   LOCATION L0000572     VOLUME   480472.529 3770375.333 369.84
   LOCATION L0000573     VOLUME   480481.120 3770375.321 370.01
   LOCATION L0000574     VOLUME   480489.711 3770375.310 370.28
   LOCATION L0000575     VOLUME   480498.302 3770375.299 370.58
   LOCATION L0000576     VOLUME   480506.893 3770375.287 370.88
   LOCATION L0000577     VOLUME   480515.483 3770375.276 371.14
   LOCATION L0000578     VOLUME   480524.074 3770375.265 371.39
   LOCATION L0000579     VOLUME   480532.665 3770375.253 371.64
   LOCATION L0000580     VOLUME   480541.256 3770375.242 371.90
   LOCATION L0000581     VOLUME   480549.847 3770375.231 372.15
   LOCATION L0000582     VOLUME   480558.437 3770375.220 372.41
   LOCATION L0000583     VOLUME   480567.028 3770375.208 372.64
   LOCATION L0000584     VOLUME   480575.619 3770375.197 372.87
   LOCATION L0000585     VOLUME   480584.210 3770375.186 373.10
   LOCATION L0000586     VOLUME   480592.801 3770375.174 373.33
   LOCATION L0000587     VOLUME   480601.391 3770375.163 373.55
   LOCATION L0000588     VOLUME   480609.982 3770375.152 373.78
   LOCATION L0000589     VOLUME   480618.573 3770375.140 373.95
   LOCATION L0000590     VOLUME   480627.164 3770375.129 374.11
   LOCATION L0000591     VOLUME   480635.755 3770375.118 374.28
   LOCATION L0000592     VOLUME   480644.345 3770375.106 374.40
   LOCATION L0000593     VOLUME   480652.936 3770375.095 374.51
   LOCATION L0000594     VOLUME   480661.527 3770375.084 374.63
   LOCATION L0000595     VOLUME   480670.118 3770375.072 374.76
   LOCATION L0000596     VOLUME   480678.708 3770375.061 374.90
   LOCATION L0000597     VOLUME   480687.299 3770375.050 375.03
   LOCATION L0000598     VOLUME   480695.890 3770375.038 375.26
   LOCATION L0000599     VOLUME   480704.481 3770375.027 375.48
   LOCATION L0000600     VOLUME   480713.072 3770375.016 375.71
   LOCATION L0000601     VOLUME   480721.662 3770375.004 375.84
   LOCATION L0000602     VOLUME   480730.253 3770374.993 375.95
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Along Alabama St n/o Almond Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.09E-06
** Elevated
```

```
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.734, 3770380.127, 376.00, 3.50, 4.00
** 480736.495, 3771031.949, 375.00, 3.50, 4.00
** ------------------------------------------------------------------
   LOCATION L0000603     VOLUME   480733.752 3770384.422 375.99
   LOCATION L0000604     VOLUME   480733.789 3770393.013 375.95
   LOCATION L0000605     VOLUME   480733.825 3770401.603 375.92
   LOCATION L0000606     VOLUME   480733.861 3770410.194 375.88
   LOCATION L0000607     VOLUME   480733.898 3770418.785 375.85
   LOCATION L0000608     VOLUME   480733.934 3770427.376 375.81
   LOCATION L0000609     VOLUME   480733.970 3770435.966 375.77
   LOCATION L0000610     VOLUME   480734.007 3770444.557 375.73
   LOCATION L0000611     VOLUME   480734.043 3770453.148 375.70
   LOCATION L0000612     VOLUME   480734.080 3770461.738 375.68
   LOCATION L0000613     VOLUME   480734.116 3770470.329 375.65
   LOCATION L0000614     VOLUME   480734.152 3770478.920 375.63
   LOCATION L0000615     VOLUME   480734.189 3770487.511 375.61
   LOCATION L0000616     VOLUME   480734.225 3770496.101 375.59
   LOCATION L0000617     VOLUME   480734.262 3770504.692 375.57
   LOCATION L0000618     VOLUME   480734.298 3770513.283 375.55
   LOCATION L0000619     VOLUME   480734.334 3770521.873 375.53
   LOCATION L0000620     VOLUME   480734.371 3770530.464 375.51
   LOCATION L0000621     VOLUME   480734.407 3770539.055 375.48
   LOCATION L0000622     VOLUME   480734.444 3770547.646 375.44
   LOCATION L0000623     VOLUME   480734.480 3770556.236 375.39
   LOCATION L0000624     VOLUME   480734.516 3770564.827 375.35
   LOCATION L0000625     VOLUME   480734.553 3770573.418 375.30
   LOCATION L0000626     VOLUME   480734.589 3770582.009 375.26
   LOCATION L0000627     VOLUME   480734.626 3770590.599 375.22
   LOCATION L0000628     VOLUME   480734.662 3770599.190 375.17
   LOCATION L0000629     VOLUME   480734.698 3770607.781 375.14
   LOCATION L0000630     VOLUME   480734.735 3770616.371 375.10
   LOCATION L0000631     VOLUME   480734.771 3770624.962 375.07
   LOCATION L0000632     VOLUME   480734.807 3770633.553 375.04
   LOCATION L0000633     VOLUME   480734.844 3770642.144 375.02
   LOCATION L0000634     VOLUME   480734.880 3770650.734 374.99
   LOCATION L0000635     VOLUME   480734.917 3770659.325 374.97
   LOCATION L0000636     VOLUME   480734.953 3770667.916 374.95
   LOCATION L0000637     VOLUME   480734.989 3770676.507 374.92
   LOCATION L0000638     VOLUME   480735.026 3770685.097 374.89
   LOCATION L0000639     VOLUME   480735.062 3770693.688 374.87
   LOCATION L0000640     VOLUME   480735.099 3770702.279 374.84
   LOCATION L0000641     VOLUME   480735.135 3770710.869 374.81
   LOCATION L0000642     VOLUME   480735.171 3770719.460 374.78
   LOCATION L0000643     VOLUME   480735.208 3770728.051 374.74
   LOCATION L0000644     VOLUME   480735.244 3770736.642 374.69
   LOCATION L0000645     VOLUME   480735.281 3770745.232 374.64
   LOCATION L0000646     VOLUME   480735.317 3770753.823 374.59
   LOCATION L0000647     VOLUME   480735.353 3770762.414 374.54
```

```
   LOCATION L0000648     VOLUME   480735.390 3770771.004 374.49
   LOCATION L0000649     VOLUME   480735.426 3770779.595 374.44
   LOCATION L0000650     VOLUME   480735.462 3770788.186 374.42
   LOCATION L0000651     VOLUME   480735.499 3770796.777 374.43
   LOCATION L0000652     VOLUME   480735.535 3770805.367 374.44
   LOCATION L0000653     VOLUME   480735.572 3770813.958 374.46
   LOCATION L0000654     VOLUME   480735.608 3770822.549 374.50
   LOCATION L0000655     VOLUME   480735.644 3770831.140 374.54
   LOCATION L0000656     VOLUME   480735.681 3770839.730 374.58
   LOCATION L0000657     VOLUME   480735.717 3770848.321 374.62
   LOCATION L0000658     VOLUME   480735.754 3770856.912 374.64
   LOCATION L0000659     VOLUME   480735.790 3770865.502 374.67
   LOCATION L0000660     VOLUME   480735.826 3770874.093 374.70
   LOCATION L0000661     VOLUME   480735.863 3770882.684 374.73
   LOCATION L0000662     VOLUME   480735.899 3770891.275 374.76
   LOCATION L0000663     VOLUME   480735.936 3770899.865 374.79
   LOCATION L0000664     VOLUME   480735.972 3770908.456 374.82
   LOCATION L0000665     VOLUME   480736.008 3770917.047 374.83
   LOCATION L0000666     VOLUME   480736.045 3770925.637 374.85
   LOCATION L0000667     VOLUME   480736.081 3770934.228 374.87
   LOCATION L0000668     VOLUME   480736.118 3770942.819 374.87
   LOCATION L0000669     VOLUME   480736.154 3770951.410 374.85
   LOCATION L0000670     VOLUME   480736.190 3770960.000 374.84
   LOCATION L0000671     VOLUME   480736.227 3770968.591 374.82
   LOCATION L0000672     VOLUME   480736.263 3770977.182 374.79
   LOCATION L0000673     VOLUME   480736.299 3770985.773 374.77
   LOCATION L0000674     VOLUME   480736.336 3770994.363 374.74
   LOCATION L0000675     VOLUME   480736.372 3771002.954 374.73
   LOCATION L0000676     VOLUME   480736.409 3771011.545 374.74
   LOCATION L0000677     VOLUME   480736.445 3771020.135 374.75
   LOCATION L0000678     VOLUME   480736.481 3771028.726 374.76
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Alabama St to 10 freeway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.2E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.702, 3770370.294, 376.04, 3.50, 4.00
** 480739.840, 3769652.585, 383.34, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000679     VOLUME   480733.739 3770365.998 376.01
   LOCATION L0000680     VOLUME   480733.812 3770357.408 376.03
   LOCATION L0000681     VOLUME   480733.886 3770348.817 376.04
   LOCATION L0000682     VOLUME   480733.959 3770340.227 376.07
```

```
LOCATION L0000683     VOLUME   480734.033 3770331.636 376.09
LOCATION L0000684     VOLUME   480734.106 3770323.046 376.11
LOCATION L0000685     VOLUME   480734.180 3770314.455 376.14
LOCATION L0000686     VOLUME   480734.253 3770305.865 376.17
LOCATION L0000687     VOLUME   480734.326 3770297.274 376.20
LOCATION L0000688     VOLUME   480734.400 3770288.684 376.23
LOCATION L0000689     VOLUME   480734.473 3770280.093 376.26
LOCATION L0000690     VOLUME   480734.547 3770271.503 376.29
LOCATION L0000691     VOLUME   480734.620 3770262.913 376.32
LOCATION L0000692     VOLUME   480734.694 3770254.322 376.36
LOCATION L0000693     VOLUME   480734.767 3770245.732 376.41
LOCATION L0000694     VOLUME   480734.841 3770237.141 376.45
LOCATION L0000695     VOLUME   480734.914 3770228.551 376.49
LOCATION L0000696     VOLUME   480734.988 3770219.960 376.53
LOCATION L0000697     VOLUME   480735.061 3770211.370 376.57
LOCATION L0000698     VOLUME   480735.135 3770202.779 376.61
LOCATION L0000699     VOLUME   480735.208 3770194.189 376.64
LOCATION L0000700     VOLUME   480735.281 3770185.598 376.66
LOCATION L0000701     VOLUME   480735.355 3770177.008 376.69
LOCATION L0000702     VOLUME   480735.428 3770168.417 376.71
LOCATION L0000703     VOLUME   480735.502 3770159.827 376.71
LOCATION L0000704     VOLUME   480735.575 3770151.236 376.70
LOCATION L0000705     VOLUME   480735.649 3770142.646 376.70
LOCATION L0000706     VOLUME   480735.722 3770134.055 376.69
LOCATION L0000707     VOLUME   480735.796 3770125.465 376.69
LOCATION L0000708     VOLUME   480735.869 3770116.874 376.69
LOCATION L0000709     VOLUME   480735.943 3770108.284 376.68
LOCATION L0000710     VOLUME   480736.016 3770099.693 376.69
LOCATION L0000711     VOLUME   480736.090 3770091.103 376.69
LOCATION L0000712     VOLUME   480736.163 3770082.512 376.69
LOCATION L0000713     VOLUME   480736.236 3770073.922 376.68
LOCATION L0000714     VOLUME   480736.310 3770065.331 376.66
LOCATION L0000715     VOLUME   480736.383 3770056.741 376.63
LOCATION L0000716     VOLUME   480736.457 3770048.150 376.61
LOCATION L0000717     VOLUME   480736.530 3770039.560 376.60
LOCATION L0000718     VOLUME   480736.604 3770030.969 376.61
LOCATION L0000719     VOLUME   480736.677 3770022.379 376.61
LOCATION L0000720     VOLUME   480736.751 3770013.788 376.61
LOCATION L0000721     VOLUME   480736.824 3770005.198 376.61
LOCATION L0000722     VOLUME   480736.898 3769996.607 376.60
LOCATION L0000723     VOLUME   480736.971 3769988.017 376.60
LOCATION L0000724     VOLUME   480737.045 3769979.426 376.59
LOCATION L0000725     VOLUME   480737.118 3769970.836 376.58
LOCATION L0000726     VOLUME   480737.191 3769962.245 376.57
LOCATION L0000727     VOLUME   480737.265 3769953.655 376.57
LOCATION L0000728     VOLUME   480737.338 3769945.065 376.57
LOCATION L0000729     VOLUME   480737.412 3769936.474 376.59
LOCATION L0000730     VOLUME   480737.485 3769927.884 376.60
LOCATION L0000731     VOLUME   480737.559 3769919.293 376.61
LOCATION L0000732     VOLUME   480737.632 3769910.703 376.62
LOCATION L0000733     VOLUME   480737.706 3769902.112 376.63
```

```
   LOCATION L0000734     VOLUME   480737.779 3769893.522 376.65
   LOCATION L0000735     VOLUME   480737.853 3769884.931 376.66
   LOCATION L0000736     VOLUME   480737.926 3769876.341 376.68
   LOCATION L0000737     VOLUME   480738.000 3769867.750 376.69
   LOCATION L0000738     VOLUME   480738.073 3769859.160 376.71
   LOCATION L0000739     VOLUME   480738.146 3769850.569 376.74
   LOCATION L0000740     VOLUME   480738.220 3769841.979 376.77
   LOCATION L0000741     VOLUME   480738.293 3769833.388 376.80
   LOCATION L0000742     VOLUME   480738.367 3769824.798 376.86
   LOCATION L0000743     VOLUME   480738.440 3769816.207 376.95
   LOCATION L0000744     VOLUME   480738.514 3769807.617 377.03
   LOCATION L0000745     VOLUME   480738.587 3769799.026 377.12
   LOCATION L0000746     VOLUME   480738.661 3769790.436 377.35
   LOCATION L0000747     VOLUME   480738.734 3769781.845 377.58
   LOCATION L0000748     VOLUME   480738.808 3769773.255 377.81
   LOCATION L0000749     VOLUME   480738.881 3769764.664 378.08
   LOCATION L0000750     VOLUME   480738.955 3769756.074 378.42
   LOCATION L0000751     VOLUME   480739.028 3769747.483 378.76
   LOCATION L0000752     VOLUME   480739.101 3769738.893 379.10
   LOCATION L0000753     VOLUME   480739.175 3769730.302 379.48
   LOCATION L0000754     VOLUME   480739.248 3769721.712 379.89
   LOCATION L0000755     VOLUME   480739.322 3769713.121 380.28
   LOCATION L0000756     VOLUME   480739.395 3769704.531 380.68
   LOCATION L0000757     VOLUME   480739.469 3769695.940 381.08
   LOCATION L0000758     VOLUME   480739.542 3769687.350 381.47
   LOCATION L0000759     VOLUME   480739.616 3769678.759 381.86
   LOCATION L0000760     VOLUME   480739.689 3769670.169 382.25
   LOCATION L0000761     VOLUME   480739.763 3769661.578 382.63
   LOCATION L0000762     VOLUME   480739.836 3769652.988 383.01
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
   SRCPARAM STCK1         2.08E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK2         2.08E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK3         2.08E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK4         2.08E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK5         2.08E-06     3.500   366.000      51.9       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000538     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000539     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000540     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000541     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000542     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000543     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000544     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000545     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000546     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000547     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000548     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000549     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000550     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000551     0.00000006429      3.50      4.00      4.96
```

```
   SRCPARAM L0000552     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000553     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000554     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000555     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000556     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000557     0.00000006429      3.50      4.00      4.96
   SRCPARAM L0000558     0.00000006429      3.50      4.00      4.96
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000559     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000560     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000561     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000562     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000563     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000564     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000565     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000566     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000567     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000568     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000569     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000570     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000571     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000572     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000573     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000574     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000575     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000576     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000577     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000578     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000579     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000580     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000581     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000582     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000583     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000584     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000585     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000586     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000587     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000588     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000589     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000590     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000591     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000592     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000593     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000594     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000595     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000596     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000597     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000598     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000599     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000600     0.00000002886      3.50      4.00      1.63
```

```
   SRCPARAM L0000601     0.00000002886      3.50      4.00      1.63
   SRCPARAM L0000602     0.00000002886      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000603     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000604     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000605     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000606     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000607     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000608     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000609     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000610     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000611     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000612     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000613     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000614     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000615     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000616     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000617     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000618     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000619     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000620     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000621     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000622     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000623     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000624     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000625     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000626     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000627     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000628     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000629     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000630     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000631     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000632     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000633     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000634     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000635     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000636     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000637     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000638     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000639     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000640     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000641     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000642     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000643     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000644     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000645     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000646     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000647     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000648     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000649     0.00000001434      3.50      4.00      1.63
```

```
   SRCPARAM L0000650     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000651     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000652     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000653     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000654     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000655     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000656     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000657     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000658     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000659     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000660     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000661     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000662     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000663     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000664     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000665     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000666     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000667     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000668     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000669     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000670     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000671     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000672     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000673     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000674     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000675     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000676     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000677     0.00000001434      3.50      4.00      1.63
   SRCPARAM L0000678     0.00000001434      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000679     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000680     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000681     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000682     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000683     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000684     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000685     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000686     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000687     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000688     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000689     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000690     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000691     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000692     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000693     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000694     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000695     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000696     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000697     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000698     0.00000001429      3.50      4.00      1.63
```

```
SRCPARAM L0000699     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000700     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000701     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000702     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000703     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000704     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000705     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000706     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000707     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000708     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000709     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000710     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000711     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000712     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000713     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000714     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000715     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000716     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000717     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000718     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000719     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000720     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000721     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000722     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000723     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000724     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000725     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000726     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000727     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000728     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000729     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000730     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000731     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000732     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000733     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000734     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000735     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000736     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000737     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000738     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000739     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000740     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000741     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000742     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000743     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000744     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000745     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000746     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000747     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000748     0.00000001429      3.50      4.00      1.63
SRCPARAM L0000749     0.00000001429      3.50      4.00      1.63
```

```
   SRCPARAM L0000750     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000751     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000752     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000753     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000754     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000755     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000756     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000757     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000758     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000759     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000760     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000761     0.00000001429      3.50      4.00      1.63
   SRCPARAM L0000762     0.00000001429      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00

   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
```

```
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00

BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33

BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00
BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00

BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58
BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58

BUILDLEN STCK3          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK3          157.27   132.93   129.33   155.84   178.15   195.42
```

BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK3	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK3	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
XBADJ	STCK1	-127.09	-115.47	-100.34	-82.17	-61.50	-38.96
XBADJ	STCK1	-15.24	8.95	9.97	3.41	-3.25	-9.82
XBADJ	STCK1	-16.08	-21.86	-26.97	-31.26	0.00	0.00
XBADJ	STCK1	-61.03	-82.46	-101.39	-117.24	-129.52	-137.87
XBADJ	STCK1	-142.03	-141.88	-139.30	-159.25	-174.90	-185.60
XBADJ	STCK1	-190.66	-189.93	-183.43	-171.36	0.00	0.00
XBADJ	STCK2	-110.30	-103.87	-94.27	-81.82	-66.87	-49.90
XBADJ	STCK2	-31.41	-11.96	-15.04	-24.94	-34.09	-42.20
XBADJ	STCK2	-49.03	-54.37	-58.05	-59.98	-60.08	-59.19
XBADJ	STCK2	-77.81	-94.06	-107.46	-117.59	-124.15	-126.94
XBADJ	STCK2	-125.87	-120.97	-114.29	-130.89	-144.06	-153.22
XBADJ	STCK2	-157.72	-157.42	-152.35	-142.64	-129.46	-113.39
XBADJ	STCK3	-82.46	-77.22	-69.64	-59.94	-48.42	-35.42
XBADJ	STCK3	-21.36	-6.64	-14.61	-29.42	-43.33	-55.93
XBADJ	STCK3	-66.83	-75.69	-82.26	-86.33	-87.77	-87.39
XBADJ	STCK3	-105.66	-120.71	-132.10	-139.47	-142.61	-141.41
XBADJ	STCK3	-135.91	-126.29	-114.72	-126.42	-134.82	-139.49
XBADJ	STCK3	-139.92	-136.10	-128.14	-116.29	-101.76	-85.19
XBADJ	STCK4	-52.41	-48.82	-43.73	-37.32	-29.78	-21.33
XBADJ	STCK4	-12.23	-2.76	-16.10	-36.23	-55.25	-72.60
XBADJ	STCK4	-87.75	-100.22	-109.65	-115.75	-118.33	-118.16
XBADJ	STCK4	-135.70	-149.11	-158.00	-162.08	-161.24	-155.50
XBADJ	STCK4	-145.04	-130.17	-113.23	-119.61	-122.90	-122.81
XBADJ	STCK4	-119.00	-111.57	-100.75	-86.87	-71.20	-54.42
XBADJ	STCK5	-24.04	-21.56	-18.42	-14.72	-10.57	-6.10
XBADJ	STCK5	-1.45	3.25	-15.04	-40.15	-64.05	-86.00
XBADJ	STCK5	-105.33	-121.46	-133.91	-142.28	-146.33	-146.78
XBADJ	STCK5	-164.07	-176.37	-183.32	-184.69	-180.45	-170.73

```
   XBADJ    STCK5         -155.82  -136.18  -114.29  -115.68  -114.10  -109.42
   XBADJ    STCK5         -101.42   -90.33   -76.49   -60.34   -43.20   -25.80

   YBADJ    STCK1          -81.33   -85.82   -87.89   -87.29   -84.04   -78.23
   YBADJ    STCK1          -70.05   -60.16   -48.55   -33.03   -16.50     0.52
   YBADJ    STCK1           17.53    34.01    49.45    63.40     0.00     0.00
   YBADJ    STCK1           81.33    85.82    87.89    87.29    84.04    78.23
   YBADJ    STCK1           70.05    60.16    48.55    33.03    16.50    -0.52
   YBADJ    STCK1          -17.53   -34.01   -49.45   -63.40     0.00     0.00

   YBADJ    STCK2          -52.98   -54.99   -55.51   -54.34   -51.53   -47.15
   YBADJ    STCK2          -41.33   -34.69   -27.10   -16.25    -4.90     6.59
   YBADJ    STCK2           17.89    28.64    38.52    47.23    54.51    49.63
   YBADJ    STCK2           52.98    54.99    55.51    54.34    51.53    47.15
   YBADJ    STCK2           41.33    34.69    27.10    16.25     4.90    -6.59
   YBADJ    STCK2          -17.89   -28.64   -38.52   -47.23   -54.51   -49.63

   YBADJ    STCK3          -48.50   -45.74   -41.78   -36.55   -30.20   -22.94
   YBADJ    STCK3          -14.98    -6.99     1.10    11.60    21.74    31.23
   YBADJ    STCK3           39.77    47.09    52.99    57.28    59.83    50.06
   YBADJ    STCK3           48.50    45.74    41.78    36.55    30.20    22.94
   YBADJ    STCK3           14.98     6.99    -1.10   -11.60   -21.74   -31.23
   YBADJ    STCK3          -39.77   -47.09   -52.99   -57.28   -59.83   -50.06

   YBADJ    STCK4          -41.69   -33.82   -25.11   -15.63    -5.67     4.45
   YBADJ    STCK4           14.44    23.57    31.87    41.64    50.15    57.13
   YBADJ    STCK4           62.38    65.73    67.09    66.40    63.70    48.56
   YBADJ    STCK4           41.69    33.82    25.11    15.63     5.67    -4.45
   YBADJ    STCK4          -14.44   -23.57   -31.87   -41.64   -50.15   -57.13
   YBADJ    STCK4          -62.38   -65.73   -67.09   -66.40   -63.70   -48.56

   YBADJ    STCK5          -37.77   -25.03   -11.71     1.96    15.57    28.71
   YBADJ    STCK5           40.97    51.57    60.49    70.01    77.41    82.45
   YBADJ    STCK5           84.99    84.94    82.31    77.19    69.72    49.62
   YBADJ    STCK5           37.77    25.03    11.71    -1.96   -15.57   -28.71
   YBADJ    STCK5          -40.97   -51.57   -60.49   -70.01   -77.41   -82.45
   YBADJ    STCK5          -84.99   -84.94   -82.31   -77.19   -69.72   -49.62

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19518 Almond Avenue Warehouse 2YR.rou"
RE FINISHED
**
```

```
************************************
** AERMOD Meteorology Pathway
************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC"
   PROFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL"
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19518 ALMOND AVENUE WAREHOUSE 2YR.AD\PE00GALL.PLT" 31
   SUMMFILE "19518 Almond Avenue Warehouse 2YR.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   230 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * 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:    230 Source(s);       1 Source Group(s); and     450 Receptor(s)

               with:      5 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    225 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**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) =   481.00 ;  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:   19518 Almond Avenue Warehouse 2YR.err
**File for Summary of Results:   19518 Almond Avenue Warehouse 2YR.sum

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                                    ***        12:42:08
                                                                                                                    PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** POINT SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE     STACK   STACK    STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                        VARY BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

STCK1           0   0.20800E-05  480359.4 3770320.7   369.1     3.50   366.00    51.90     0.10    YES     YES   NO
STCK2           0   0.20800E-05  480384.4 3770299.2   369.5     3.50   366.00    51.90     0.10    YES     YES   NO
STCK3           0   0.20800E-05  480384.0 3770271.0   369.6     3.50   366.00    51.90     0.10    YES     YES   NO
STCK4           0   0.20800E-05  480385.5 3770240.2   369.8     3.50   366.00    51.90     0.10    YES     YES   NO
STCK5           0   0.20800E-05  480384.4 3770211.6   370.0     3.50   366.00    51.90     0.10    YES     YES   NO

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                                    ***        12:42:08
                                                                                                                    PAGE   3
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

L0000538	0	0.64290E-07	480357.2	3770360.3	368.8	3.50	4.00	4.96	YES
L0000539	0	0.64290E-07	480357.3	3770351.7	368.9	3.50	4.00	4.96	YES
L0000540	0	0.64290E-07	480357.3	3770343.1	369.0	3.50	4.00	4.96	YES
L0000541	0	0.64290E-07	480357.3	3770334.5	369.0	3.50	4.00	4.96	YES
L0000542	0	0.64290E-07	480357.3	3770325.9	369.0	3.50	4.00	4.96	YES
L0000543	0	0.64290E-07	480357.4	3770317.3	369.0	3.50	4.00	4.96	YES
L0000544	0	0.64290E-07	480357.4	3770308.7	369.1	3.50	4.00	4.96	YES
L0000545	0	0.64290E-07	480357.4	3770300.1	369.1	3.50	4.00	4.96	YES
L0000546	0	0.64290E-07	480357.4	3770291.6	369.1	3.50	4.00	4.96	YES
L0000547	0	0.64290E-07	480357.5	3770283.0	369.1	3.50	4.00	4.96	YES
L0000548	0	0.64290E-07	480357.5	3770274.4	369.2	3.50	4.00	4.96	YES
L0000549	0	0.64290E-07	480357.5	3770265.8	369.2	3.50	4.00	4.96	YES
L0000550	0	0.64290E-07	480357.5	3770257.2	369.2	3.50	4.00	4.96	YES
L0000551	0	0.64290E-07	480357.6	3770248.6	369.2	3.50	4.00	4.96	YES
L0000552	0	0.64290E-07	480357.6	3770240.0	369.3	3.50	4.00	4.96	YES
L0000553	0	0.64290E-07	480357.6	3770231.4	369.3	3.50	4.00	4.96	YES
L0000554	0	0.64290E-07	480357.6	3770222.8	369.4	3.50	4.00	4.96	YES
L0000555	0	0.64290E-07	480357.7	3770214.2	369.4	3.50	4.00	4.96	YES
L0000556	0	0.64290E-07	480357.7	3770205.7	369.5	3.50	4.00	4.96	YES
L0000557	0	0.64290E-07	480357.7	3770197.1	369.6	3.50	4.00	4.96	YES
L0000558	0	0.64290E-07	480357.7	3770188.5	369.7	3.50	4.00	4.96	YES
L0000559	0	0.28860E-07	480360.8	3770375.5	368.5	3.50	4.00	1.63	YES
L0000560	0	0.28860E-07	480369.4	3770375.5	368.6	3.50	4.00	1.63	YES
L0000561	0	0.28860E-07	480378.0	3770375.5	368.7	3.50	4.00	1.63	YES
L0000562	0	0.28860E-07	480386.6	3770375.4	368.8	3.50	4.00	1.63	YES
L0000563	0	0.28860E-07	480395.2	3770375.4	368.9	3.50	4.00	1.63	YES
L0000564	0	0.28860E-07	480403.8	3770375.4	368.9	3.50	4.00	1.63	YES
L0000565	0	0.28860E-07	480412.4	3770375.4	369.1	3.50	4.00	1.63	YES
L0000566	0	0.28860E-07	480421.0	3770375.4	369.2	3.50	4.00	1.63	YES
L0000567	0	0.28860E-07	480429.6	3770375.4	369.2	3.50	4.00	1.63	YES
L0000568	0	0.28860E-07	480438.2	3770375.4	369.3	3.50	4.00	1.63	YES
L0000569	0	0.28860E-07	480446.8	3770375.4	369.4	3.50	4.00	1.63	YES
L0000570	0	0.28860E-07	480455.3	3770375.4	369.5	3.50	4.00	1.63	YES
L0000571	0	0.28860E-07	480463.9	3770375.3	369.7	3.50	4.00	1.63	YES
L0000572	0	0.28860E-07	480472.5	3770375.3	369.8	3.50	4.00	1.63	YES
L0000573	0	0.28860E-07	480481.1	3770375.3	370.0	3.50	4.00	1.63	YES
L0000574	0	0.28860E-07	480489.7	3770375.3	370.3	3.50	4.00	1.63	YES
L0000575	0	0.28860E-07	480498.3	3770375.3	370.6	3.50	4.00	1.63	YES
L0000576	0	0.28860E-07	480506.9	3770375.3	370.9	3.50	4.00	1.63	YES
L0000577	0	0.28860E-07	480515.5	3770375.3	371.1	3.50	4.00	1.63	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0000578	0	0.28860E-07	480524.1	3770375.3	371.4	3.50	4.00	1.63	YES
L0000579	0	0.28860E-07	480532.7	3770375.3	371.6	3.50	4.00	1.63	YES
L0000580	0	0.28860E-07	480541.3	3770375.2	371.9	3.50	4.00	1.63	YES
L0000581	0	0.28860E-07	480549.8	3770375.2	372.2	3.50	4.00	1.63	YES
L0000582	0	0.28860E-07	480558.4	3770375.2	372.4	3.50	4.00	1.63	YES
L0000583	0	0.28860E-07	480567.0	3770375.2	372.6	3.50	4.00	1.63	YES
L0000584	0	0.28860E-07	480575.6	3770375.2	372.9	3.50	4.00	1.63	YES
L0000585	0	0.28860E-07	480584.2	3770375.2	373.1	3.50	4.00	1.63	YES
L0000586	0	0.28860E-07	480592.8	3770375.2	373.3	3.50	4.00	1.63	YES
L0000587	0	0.28860E-07	480601.4	3770375.2	373.6	3.50	4.00	1.63	YES
L0000588	0	0.28860E-07	480610.0	3770375.2	373.8	3.50	4.00	1.63	YES
L0000589	0	0.28860E-07	480618.6	3770375.1	373.9	3.50	4.00	1.63	YES
L0000590	0	0.28860E-07	480627.2	3770375.1	374.1	3.50	4.00	1.63	YES
L0000591	0	0.28860E-07	480635.8	3770375.1	374.3	3.50	4.00	1.63	YES
L0000592	0	0.28860E-07	480644.3	3770375.1	374.4	3.50	4.00	1.63	YES
L0000593	0	0.28860E-07	480652.9	3770375.1	374.5	3.50	4.00	1.63	YES
L0000594	0	0.28860E-07	480661.5	3770375.1	374.6	3.50	4.00	1.63	YES
L0000595	0	0.28860E-07	480670.1	3770375.1	374.8	3.50	4.00	1.63	YES
L0000596	0	0.28860E-07	480678.7	3770375.1	374.9	3.50	4.00	1.63	YES
L0000597	0	0.28860E-07	480687.3	3770375.0	375.0	3.50	4.00	1.63	YES
L0000598	0	0.28860E-07	480695.9	3770375.0	375.3	3.50	4.00	1.63	YES
L0000599	0	0.28860E-07	480704.5	3770375.0	375.5	3.50	4.00	1.63	YES
L0000600	0	0.28860E-07	480713.1	3770375.0	375.7	3.50	4.00	1.63	YES
L0000601	0	0.28860E-07	480721.7	3770375.0	375.8	3.50	4.00	1.63	YES
L0000602	0	0.28860E-07	480730.3	3770375.0	375.9	3.50	4.00	1.63	YES
L0000603	0	0.14340E-07	480733.8	3770384.4	376.0	3.50	4.00	1.63	YES
L0000604	0	0.14340E-07	480733.8	3770393.0	375.9	3.50	4.00	1.63	YES
L0000605	0	0.14340E-07	480733.8	3770401.6	375.9	3.50	4.00	1.63	YES
L0000606	0	0.14340E-07	480733.9	3770410.2	375.9	3.50	4.00	1.63	YES
L0000607	0	0.14340E-07	480733.9	3770418.8	375.9	3.50	4.00	1.63	YES
L0000608	0	0.14340E-07	480733.9	3770427.4	375.8	3.50	4.00	1.63	YES
L0000609	0	0.14340E-07	480734.0	3770436.0	375.8	3.50	4.00	1.63	YES
L0000610	0	0.14340E-07	480734.0	3770444.6	375.7	3.50	4.00	1.63	YES
L0000611	0	0.14340E-07	480734.0	3770453.1	375.7	3.50	4.00	1.63	YES
L0000612	0	0.14340E-07	480734.1	3770461.7	375.7	3.50	4.00	1.63	YES
L0000613	0	0.14340E-07	480734.1	3770470.3	375.7	3.50	4.00	1.63	YES
L0000614	0	0.14340E-07	480734.2	3770478.9	375.6	3.50	4.00	1.63	YES
L0000615	0	0.14340E-07	480734.2	3770487.5	375.6	3.50	4.00	1.63	YES
L0000616	0	0.14340E-07	480734.2	3770496.1	375.6	3.50	4.00	1.63	YES
L0000617	0	0.14340E-07	480734.3	3770504.7	375.6	3.50	4.00	1.63	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
L0000618	0	0.14340E-07	480734.3	3770513.3	375.6	3.50	4.00	1.63	YES	
L0000619	0	0.14340E-07	480734.3	3770521.9	375.5	3.50	4.00	1.63	YES	
L0000620	0	0.14340E-07	480734.4	3770530.5	375.5	3.50	4.00	1.63	YES	
L0000621	0	0.14340E-07	480734.4	3770539.1	375.5	3.50	4.00	1.63	YES	
L0000622	0	0.14340E-07	480734.4	3770547.6	375.4	3.50	4.00	1.63	YES	
L0000623	0	0.14340E-07	480734.5	3770556.2	375.4	3.50	4.00	1.63	YES	
L0000624	0	0.14340E-07	480734.5	3770564.8	375.4	3.50	4.00	1.63	YES	
L0000625	0	0.14340E-07	480734.6	3770573.4	375.3	3.50	4.00	1.63	YES	
L0000626	0	0.14340E-07	480734.6	3770582.0	375.3	3.50	4.00	1.63	YES	
L0000627	0	0.14340E-07	480734.6	3770590.6	375.2	3.50	4.00	1.63	YES	
L0000628	0	0.14340E-07	480734.7	3770599.2	375.2	3.50	4.00	1.63	YES	
L0000629	0	0.14340E-07	480734.7	3770607.8	375.1	3.50	4.00	1.63	YES	
L0000630	0	0.14340E-07	480734.7	3770616.4	375.1	3.50	4.00	1.63	YES	
L0000631	0	0.14340E-07	480734.8	3770625.0	375.1	3.50	4.00	1.63	YES	
L0000632	0	0.14340E-07	480734.8	3770633.6	375.0	3.50	4.00	1.63	YES	
L0000633	0	0.14340E-07	480734.8	3770642.1	375.0	3.50	4.00	1.63	YES	
L0000634	0	0.14340E-07	480734.9	3770650.7	375.0	3.50	4.00	1.63	YES	
L0000635	0	0.14340E-07	480734.9	3770659.3	375.0	3.50	4.00	1.63	YES	
L0000636	0	0.14340E-07	480735.0	3770667.9	374.9	3.50	4.00	1.63	YES	
L0000637	0	0.14340E-07	480735.0	3770676.5	374.9	3.50	4.00	1.63	YES	
L0000638	0	0.14340E-07	480735.0	3770685.1	374.9	3.50	4.00	1.63	YES	
L0000639	0	0.14340E-07	480735.1	3770693.7	374.9	3.50	4.00	1.63	YES	
L0000640	0	0.14340E-07	480735.1	3770702.3	374.8	3.50	4.00	1.63	YES	
L0000641	0	0.14340E-07	480735.1	3770710.9	374.8	3.50	4.00	1.63	YES	
L0000642	0	0.14340E-07	480735.2	3770719.5	374.8	3.50	4.00	1.63	YES	
L0000643	0	0.14340E-07	480735.2	3770728.1	374.7	3.50	4.00	1.63	YES	
L0000644	0	0.14340E-07	480735.2	3770736.6	374.7	3.50	4.00	1.63	YES	
L0000645	0	0.14340E-07	480735.3	3770745.2	374.6	3.50	4.00	1.63	YES	
L0000646	0	0.14340E-07	480735.3	3770753.8	374.6	3.50	4.00	1.63	YES	
L0000647	0	0.14340E-07	480735.4	3770762.4	374.5	3.50	4.00	1.63	YES	
L0000648	0	0.14340E-07	480735.4	3770771.0	374.5	3.50	4.00	1.63	YES	
L0000649	0	0.14340E-07	480735.4	3770779.6	374.4	3.50	4.00	1.63	YES	
L0000650	0	0.14340E-07	480735.5	3770788.2	374.4	3.50	4.00	1.63	YES	
L0000651	0	0.14340E-07	480735.5	3770796.8	374.4	3.50	4.00	1.63	YES	
L0000652	0	0.14340E-07	480735.5	3770805.4	374.4	3.50	4.00	1.63	YES	
L0000653	0	0.14340E-07	480735.6	3770814.0	374.5	3.50	4.00	1.63	YES	
L0000654	0	0.14340E-07	480735.6	3770822.5	374.5	3.50	4.00	1.63	YES	
L0000655	0	0.14340E-07	480735.6	3770831.1	374.5	3.50	4.00	1.63	YES	
L0000656	0	0.14340E-07	480735.7	3770839.7	374.6	3.50	4.00	1.63	YES	
L0000657	0	0.14340E-07	480735.7	3770848.3	374.6	3.50	4.00	1.63	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
L0000658	0	0.14340E-07	480735.8	3770856.9	374.6	3.50	4.00	1.63	YES	
L0000659	0	0.14340E-07	480735.8	3770865.5	374.7	3.50	4.00	1.63	YES	
L0000660	0	0.14340E-07	480735.8	3770874.1	374.7	3.50	4.00	1.63	YES	
L0000661	0	0.14340E-07	480735.9	3770882.7	374.7	3.50	4.00	1.63	YES	
L0000662	0	0.14340E-07	480735.9	3770891.3	374.8	3.50	4.00	1.63	YES	
L0000663	0	0.14340E-07	480735.9	3770899.9	374.8	3.50	4.00	1.63	YES	
L0000664	0	0.14340E-07	480736.0	3770908.5	374.8	3.50	4.00	1.63	YES	
L0000665	0	0.14340E-07	480736.0	3770917.0	374.8	3.50	4.00	1.63	YES	
L0000666	0	0.14340E-07	480736.0	3770925.6	374.9	3.50	4.00	1.63	YES	
L0000667	0	0.14340E-07	480736.1	3770934.2	374.9	3.50	4.00	1.63	YES	
L0000668	0	0.14340E-07	480736.1	3770942.8	374.9	3.50	4.00	1.63	YES	
L0000669	0	0.14340E-07	480736.2	3770951.4	374.9	3.50	4.00	1.63	YES	
L0000670	0	0.14340E-07	480736.2	3770960.0	374.8	3.50	4.00	1.63	YES	
L0000671	0	0.14340E-07	480736.2	3770968.6	374.8	3.50	4.00	1.63	YES	
L0000672	0	0.14340E-07	480736.3	3770977.2	374.8	3.50	4.00	1.63	YES	
L0000673	0	0.14340E-07	480736.3	3770985.8	374.8	3.50	4.00	1.63	YES	
L0000674	0	0.14340E-07	480736.3	3770994.4	374.7	3.50	4.00	1.63	YES	
L0000675	0	0.14340E-07	480736.4	3771003.0	374.7	3.50	4.00	1.63	YES	
L0000676	0	0.14340E-07	480736.4	3771011.5	374.7	3.50	4.00	1.63	YES	
L0000677	0	0.14340E-07	480736.4	3771020.1	374.8	3.50	4.00	1.63	YES	
L0000678	0	0.14340E-07	480736.5	3771028.7	374.8	3.50	4.00	1.63	YES	
L0000679	0	0.14290E-07	480733.7	3770366.0	376.0	3.50	4.00	1.63	YES	
L0000680	0	0.14290E-07	480733.8	3770357.4	376.0	3.50	4.00	1.63	YES	
L0000681	0	0.14290E-07	480733.9	3770348.8	376.0	3.50	4.00	1.63	YES	
L0000682	0	0.14290E-07	480734.0	3770340.2	376.1	3.50	4.00	1.63	YES	
L0000683	0	0.14290E-07	480734.0	3770331.6	376.1	3.50	4.00	1.63	YES	
L0000684	0	0.14290E-07	480734.1	3770323.0	376.1	3.50	4.00	1.63	YES	
L0000685	0	0.14290E-07	480734.2	3770314.5	376.1	3.50	4.00	1.63	YES	
L0000686	0	0.14290E-07	480734.3	3770305.9	376.2	3.50	4.00	1.63	YES	
L0000687	0	0.14290E-07	480734.3	3770297.3	376.2	3.50	4.00	1.63	YES	
L0000688	0	0.14290E-07	480734.4	3770288.7	376.2	3.50	4.00	1.63	YES	
L0000689	0	0.14290E-07	480734.5	3770280.1	376.3	3.50	4.00	1.63	YES	
L0000690	0	0.14290E-07	480734.5	3770271.5	376.3	3.50	4.00	1.63	YES	
L0000691	0	0.14290E-07	480734.6	3770262.9	376.3	3.50	4.00	1.63	YES	
L0000692	0	0.14290E-07	480734.7	3770254.3	376.4	3.50	4.00	1.63	YES	
L0000693	0	0.14290E-07	480734.8	3770245.7	376.4	3.50	4.00	1.63	YES	
L0000694	0	0.14290E-07	480734.8	3770237.1	376.4	3.50	4.00	1.63	YES	
L0000695	0	0.14290E-07	480734.9	3770228.6	376.5	3.50	4.00	1.63	YES	
L0000696	0	0.14290E-07	480735.0	3770220.0	376.5	3.50	4.00	1.63	YES	
L0000697	0	0.14290E-07	480735.1	3770211.4	376.6	3.50	4.00	1.63	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
L0000698	0	0.14290E-07	480735.1	3770202.8	376.6	3.50	4.00	1.63	YES	
L0000699	0	0.14290E-07	480735.2	3770194.2	376.6	3.50	4.00	1.63	YES	
L0000700	0	0.14290E-07	480735.3	3770185.6	376.7	3.50	4.00	1.63	YES	
L0000701	0	0.14290E-07	480735.4	3770177.0	376.7	3.50	4.00	1.63	YES	
L0000702	0	0.14290E-07	480735.4	3770168.4	376.7	3.50	4.00	1.63	YES	
L0000703	0	0.14290E-07	480735.5	3770159.8	376.7	3.50	4.00	1.63	YES	
L0000704	0	0.14290E-07	480735.6	3770151.2	376.7	3.50	4.00	1.63	YES	
L0000705	0	0.14290E-07	480735.6	3770142.6	376.7	3.50	4.00	1.63	YES	
L0000706	0	0.14290E-07	480735.7	3770134.1	376.7	3.50	4.00	1.63	YES	
L0000707	0	0.14290E-07	480735.8	3770125.5	376.7	3.50	4.00	1.63	YES	
L0000708	0	0.14290E-07	480735.9	3770116.9	376.7	3.50	4.00	1.63	YES	
L0000709	0	0.14290E-07	480735.9	3770108.3	376.7	3.50	4.00	1.63	YES	
L0000710	0	0.14290E-07	480736.0	3770099.7	376.7	3.50	4.00	1.63	YES	
L0000711	0	0.14290E-07	480736.1	3770091.1	376.7	3.50	4.00	1.63	YES	
L0000712	0	0.14290E-07	480736.2	3770082.5	376.7	3.50	4.00	1.63	YES	
L0000713	0	0.14290E-07	480736.2	3770073.9	376.7	3.50	4.00	1.63	YES	
L0000714	0	0.14290E-07	480736.3	3770065.3	376.7	3.50	4.00	1.63	YES	
L0000715	0	0.14290E-07	480736.4	3770056.7	376.6	3.50	4.00	1.63	YES	
L0000716	0	0.14290E-07	480736.5	3770048.1	376.6	3.50	4.00	1.63	YES	
L0000717	0	0.14290E-07	480736.5	3770039.6	376.6	3.50	4.00	1.63	YES	
L0000718	0	0.14290E-07	480736.6	3770031.0	376.6	3.50	4.00	1.63	YES	
L0000719	0	0.14290E-07	480736.7	3770022.4	376.6	3.50	4.00	1.63	YES	
L0000720	0	0.14290E-07	480736.8	3770013.8	376.6	3.50	4.00	1.63	YES	
L0000721	0	0.14290E-07	480736.8	3770005.2	376.6	3.50	4.00	1.63	YES	
L0000722	0	0.14290E-07	480736.9	3769996.6	376.6	3.50	4.00	1.63	YES	
L0000723	0	0.14290E-07	480737.0	3769988.0	376.6	3.50	4.00	1.63	YES	
L0000724	0	0.14290E-07	480737.0	3769979.4	376.6	3.50	4.00	1.63	YES	
L0000725	0	0.14290E-07	480737.1	3769970.8	376.6	3.50	4.00	1.63	YES	
L0000726	0	0.14290E-07	480737.2	3769962.2	376.6	3.50	4.00	1.63	YES	
L0000727	0	0.14290E-07	480737.3	3769953.7	376.6	3.50	4.00	1.63	YES	
L0000728	0	0.14290E-07	480737.3	3769945.1	376.6	3.50	4.00	1.63	YES	
L0000729	0	0.14290E-07	480737.4	3769936.5	376.6	3.50	4.00	1.63	YES	
L0000730	0	0.14290E-07	480737.5	3769927.9	376.6	3.50	4.00	1.63	YES	
L0000731	0	0.14290E-07	480737.6	3769919.3	376.6	3.50	4.00	1.63	YES	
L0000732	0	0.14290E-07	480737.6	3769910.7	376.6	3.50	4.00	1.63	YES	
L0000733	0	0.14290E-07	480737.7	3769902.1	376.6	3.50	4.00	1.63	YES	
L0000734	0	0.14290E-07	480737.8	3769893.5	376.7	3.50	4.00	1.63	YES	
L0000735	0	0.14290E-07	480737.9	3769884.9	376.7	3.50	4.00	1.63	YES	

```
L0000736         0   0.14290E-07  480737.9 3769876.3   376.7     3.50     4.00     1.63     YES
L0000737         0   0.14290E-07  480738.0 3769867.8   376.7     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                              ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                              ***        12:42:08
                                                                                                              PAGE   8
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT     SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

L0000738         0   0.14290E-07  480738.1 3769859.2   376.7     3.50     4.00     1.63     YES
L0000739         0   0.14290E-07  480738.1 3769850.6   376.7     3.50     4.00     1.63     YES
L0000740         0   0.14290E-07  480738.2 3769842.0   376.8     3.50     4.00     1.63     YES
L0000741         0   0.14290E-07  480738.3 3769833.4   376.8     3.50     4.00     1.63     YES
L0000742         0   0.14290E-07  480738.4 3769824.8   376.9     3.50     4.00     1.63     YES
L0000743         0   0.14290E-07  480738.4 3769816.2   376.9     3.50     4.00     1.63     YES
L0000744         0   0.14290E-07  480738.5 3769807.6   377.0     3.50     4.00     1.63     YES
L0000745         0   0.14290E-07  480738.6 3769799.0   377.1     3.50     4.00     1.63     YES
L0000746         0   0.14290E-07  480738.7 3769790.4   377.4     3.50     4.00     1.63     YES
L0000747         0   0.14290E-07  480738.7 3769781.8   377.6     3.50     4.00     1.63     YES
L0000748         0   0.14290E-07  480738.8 3769773.3   377.8     3.50     4.00     1.63     YES
L0000749         0   0.14290E-07  480738.9 3769764.7   378.1     3.50     4.00     1.63     YES
L0000750         0   0.14290E-07  480739.0 3769756.1   378.4     3.50     4.00     1.63     YES
L0000751         0   0.14290E-07  480739.0 3769747.5   378.8     3.50     4.00     1.63     YES
L0000752         0   0.14290E-07  480739.1 3769738.9   379.1     3.50     4.00     1.63     YES
L0000753         0   0.14290E-07  480739.2 3769730.3   379.5     3.50     4.00     1.63     YES
L0000754         0   0.14290E-07  480739.2 3769721.7   379.9     3.50     4.00     1.63     YES
L0000755         0   0.14290E-07  480739.3 3769713.1   380.3     3.50     4.00     1.63     YES
L0000756         0   0.14290E-07  480739.4 3769704.5   380.7     3.50     4.00     1.63     YES
L0000757         0   0.14290E-07  480739.5 3769695.9   381.1     3.50     4.00     1.63     YES
L0000758         0   0.14290E-07  480739.5 3769687.3   381.5     3.50     4.00     1.63     YES
L0000759         0   0.14290E-07  480739.6 3769678.8   381.9     3.50     4.00     1.63     YES
L0000760         0   0.14290E-07  480739.7 3769670.2   382.2     3.50     4.00     1.63     YES
L0000761         0   0.14290E-07  480739.8 3769661.6   382.6     3.50     4.00     1.63     YES
L0000762         0   0.14290E-07  480739.8 3769653.0   383.0     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                              ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                              ***        12:42:08
                                                                                                              PAGE   9
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                          SOURCE IDs
```

```
-----------                                          ----------

 ALL        STCK1      , STCK2      , STCK3      , STCK4      , STCK5      , L0000538   , L0000539   , L0000540   ,
            L0000541   , L0000542   , L0000543   , L0000544   , L0000545   , L0000546   , L0000547   , L0000548   ,
            L0000549   , L0000550   , L0000551   , L0000552   , L0000553   , L0000554   , L0000555   , L0000556   ,
            L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   , L0000564   ,
            L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   , L0000572   ,
            L0000573   , L0000574   , L0000575   , L0000576   , L0000577   , L0000578   , L0000579   , L0000580   ,
            L0000581   , L0000582   , L0000583   , L0000584   , L0000585   , L0000586   , L0000587   , L0000588   ,
            L0000589   , L0000590   , L0000591   , L0000592   , L0000593   , L0000594   , L0000595   , L0000596   ,
            L0000597   , L0000598   , L0000599   , L0000600   , L0000601   , L0000602   , L0000603   , L0000604   ,
            L0000605   , L0000606   , L0000607   , L0000608   , L0000609   , L0000610   , L0000611   , L0000612   ,
            L0000613   , L0000614   , L0000615   , L0000616   , L0000617   , L0000618   , L0000619   , L0000620   ,
            L0000621   , L0000622   , L0000623   , L0000624   , L0000625   , L0000626   , L0000627   , L0000628   ,
            L0000629   , L0000630   , L0000631   , L0000632   , L0000633   , L0000634   , L0000635   , L0000636   ,
            L0000637   , L0000638   , L0000639   , L0000640   , L0000641   , L0000642   , L0000643   , L0000644   ,
            L0000645   , L0000646   , L0000647   , L0000648   , L0000649   , L0000650   , L0000651   , L0000652   ,
            L0000653   , L0000654   , L0000655   , L0000656   , L0000657   , L0000658   , L0000659   , L0000660   ,
            L0000661   , L0000662   , L0000663   , L0000664   , L0000665   , L0000666   , L0000667   , L0000668   ,
            L0000669   , L0000670   , L0000671   , L0000672   , L0000673   , L0000674   , L0000675   , L0000676   ,
            L0000677   , L0000678   , L0000679   , L0000680   , L0000681   , L0000682   , L0000683   , L0000684   ,
            L0000685   , L0000686   , L0000687   , L0000688   , L0000689   , L0000690   , L0000691   , L0000692   ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

            L0000693    , L0000694    , L0000695    , L0000696    , L0000697    , L0000698    , L0000699    , L0000700    ,
            L0000701    , L0000702    , L0000703    , L0000704    , L0000705    , L0000706    , L0000707    , L0000708    ,
            L0000709    , L0000710    , L0000711    , L0000712    , L0000713    , L0000714    , L0000715    , L0000716    ,
            L0000717    , L0000718    , L0000719    , L0000720    , L0000721    , L0000722    , L0000723    , L0000724    ,
            L0000725    , L0000726    , L0000727    , L0000728    , L0000729    , L0000730    , L0000731    , L0000732    ,
            L0000733    , L0000734    , L0000735    , L0000736    , L0000737    , L0000738    , L0000739    , L0000740    ,
            L0000741    , L0000742    , L0000743    , L0000744    , L0000745    , L0000746    , L0000747    , L0000748    ,
            L0000749    , L0000750    , L0000751    , L0000752    , L0000753    , L0000754    , L0000755    , L0000756    ,
            L0000757    , L0000758    , L0000759    , L0000760    , L0000761    , L0000762    ,

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                                  ***        12:42:08
                                                                                                                 PAGE  11
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

             2035210.   STCK1       , STCK2       , STCK3       , STCK4       , STCK5       , L0000538    , L0000539    ,
L0000540    ,
            L0000541    , L0000542    , L0000543    , L0000544    , L0000545    , L0000546    , L0000547    , L0000548    ,
            L0000549    , L0000550    , L0000551    , L0000552    , L0000553    , L0000554    , L0000555    , L0000556    ,
            L0000557    , L0000558    , L0000559    , L0000560    , L0000561    , L0000562    , L0000563    , L0000564    ,
            L0000565    , L0000566    , L0000567    , L0000568    , L0000569    , L0000570    , L0000571    , L0000572    ,
            L0000573    , L0000574    , L0000575    , L0000576    , L0000577    , L0000578    , L0000579    , L0000580    ,
            L0000581    , L0000582    , L0000583    , L0000584    , L0000585    , L0000586    , L0000587    , L0000588    ,
            L0000589    , L0000590    , L0000591    , L0000592    , L0000593    , L0000594    , L0000595    , L0000596    ,
```

L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 ,

L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 ,

L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 ,

L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 ,

L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 ,

L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 ,

L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 , L0000652 ,

L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 ,

L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 ,

L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 ,

L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 ,

L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 ,

L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 ,

L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 , L0000724 ,

L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 ,

L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 ,

L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 ,

L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 , L0000756 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-127.1,	-81.3,	2	10.7,	178.2,	197.9,	-115.5,	-85.8,
3	10.7,	195.4,	201.7,	-100.3,	-87.9,	4	10.7,	206.7,	199.4,	-82.2,	-87.3,
5	10.7,	211.8,	191.0,	-61.5,	-84.0,	6	10.7,	210.4,	176.8,	-39.0,	-78.2,
7	10.7,	202.6,	157.3,	-15.2,	-70.0,	8	10.7,	189.5,	132.9,	9.0,	-60.2,
9	10.7,	172.6,	129.3,	10.0,	-48.5,	10	10.7,	188.1,	155.8,	3.4,	-33.0,
11	10.7,	197.9,	178.2,	-3.2,	-16.5,	12	10.7,	201.7,	195.4,	-9.8,	0.5,
13	10.7,	199.4,	206.7,	-16.1,	17.5,	14	10.7,	191.0,	211.8,	-21.9,	34.0,
15	10.7,	176.8,	210.4,	-27.0,	49.4,	16	10.7,	157.3,	202.6,	-31.3,	63.4,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	10.7,	155.8,	188.1,	-61.0,	81.3,	20	10.7,	178.2,	197.9,	-82.5,	85.8,
21	10.7,	195.4,	201.7,	-101.4,	87.9,	22	10.7,	206.7,	199.4,	-117.2,	87.3,
23	10.7,	211.8,	191.0,	-129.5,	84.0,	24	10.7,	210.4,	176.8,	-137.9,	78.2,
25	10.7,	202.6,	157.3,	-142.0,	70.0,	26	10.7,	189.5,	132.9,	-141.9,	60.2,
27	10.7,	172.6,	129.3,	-139.3,	48.5,	28	10.7,	188.1,	155.8,	-159.2,	33.0,
29	10.7,	197.9,	178.2,	-174.9,	16.5,	30	10.7,	201.7,	195.4,	-185.6,	-0.5,
31	10.7,	199.4,	206.7,	-190.7,	-17.5,	32	10.7,	191.0,	211.8,	-189.9,	-34.0,
33	10.7,	176.8,	210.4,	-183.4,	-49.4,	34	10.7,	157.3,	202.6,	-171.4,	-63.4,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-110.3,	-53.0,	2	10.7,	178.2,	197.9,	-103.9,	-55.0,
3	10.7,	195.4,	201.7,	-94.3,	-55.5,	4	10.7,	206.7,	199.4,	-81.8,	-54.3,
5	10.7,	211.8,	191.0,	-66.9,	-51.5,	6	10.7,	210.4,	176.8,	-49.9,	-47.1,
7	10.7,	202.6,	157.3,	-31.4,	-41.3,	8	10.7,	189.5,	132.9,	-12.0,	-34.7,
9	10.7,	172.6,	129.3,	-15.0,	-27.1,	10	10.7,	188.1,	155.8,	-24.9,	-16.2,
11	10.7,	197.9,	178.2,	-34.1,	-4.9,	12	10.7,	201.7,	195.4,	-42.2,	6.6,
13	10.7,	199.4,	206.7,	-49.0,	17.9,	14	10.7,	191.0,	211.8,	-54.4,	28.6,
15	10.7,	176.8,	210.4,	-58.0,	38.5,	16	10.7,	157.3,	202.6,	-60.0,	47.2,
17	10.7,	132.9,	189.5,	-60.1,	54.5,	18	10.7,	129.3,	172.6,	-59.2,	49.6,
19	10.7,	155.8,	188.1,	-77.8,	53.0,	20	10.7,	178.2,	197.9,	-94.1,	55.0,
21	10.7,	195.4,	201.7,	-107.5,	55.5,	22	10.7,	206.7,	199.4,	-117.6,	54.3,
23	10.7,	211.8,	191.0,	-124.1,	51.5,	24	10.7,	210.4,	176.8,	-126.9,	47.1,
25	10.7,	202.6,	157.3,	-125.9,	41.3,	26	10.7,	189.5,	132.9,	-121.0,	34.7,
27	10.7,	172.6,	129.3,	-114.3,	27.1,	28	10.7,	188.1,	155.8,	-130.9,	16.2,
29	10.7,	197.9,	178.2,	-144.1,	4.9,	30	10.7,	201.7,	195.4,	-153.2,	-6.6,
31	10.7,	199.4,	206.7,	-157.7,	-17.9,	32	10.7,	191.0,	211.8,	-157.4,	-28.6,

33	10.7,	176.8,	210.4,	-152.4,	-38.5,	34	10.7,	157.3,	202.6,	-142.6,	-47.2,
35	10.7,	132.9,	189.5,	-129.5,	-54.5,	36	10.7,	129.3,	172.6,	-113.4,	-49.6,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-82.5,	-48.5,	2	10.7,	178.2,	197.9,	-77.2,	-45.7,
3	10.7,	195.4,	201.7,	-69.6,	-41.8,	4	10.7,	206.7,	199.4,	-59.9,	-36.5,
5	10.7,	211.8,	191.0,	-48.4,	-30.2,	6	10.7,	210.4,	176.8,	-35.4,	-22.9,
7	10.7,	202.6,	157.3,	-21.4,	-15.0,	8	10.7,	189.5,	132.9,	-6.6,	-7.0,
9	10.7,	172.6,	129.3,	-14.6,	1.1,	10	10.7,	188.1,	155.8,	-29.4,	11.6,
11	10.7,	197.9,	178.2,	-43.3,	21.7,	12	10.7,	201.7,	195.4,	-55.9,	31.2,
13	10.7,	199.4,	206.7,	-66.8,	39.8,	14	10.7,	191.0,	211.8,	-75.7,	47.1,
15	10.7,	176.8,	210.4,	-82.3,	53.0,	16	10.7,	157.3,	202.6,	-86.3,	57.3,
17	10.7,	132.9,	189.5,	-87.8,	59.8,	18	10.7,	129.3,	172.6,	-87.4,	50.1,
19	10.7,	155.8,	188.1,	-105.7,	48.5,	20	10.7,	178.2,	197.9,	-120.7,	45.7,
21	10.7,	195.4,	201.7,	-132.1,	41.8,	22	10.7,	206.7,	199.4,	-139.5,	36.5,
23	10.7,	211.8,	191.0,	-142.6,	30.2,	24	10.7,	210.4,	176.8,	-141.4,	22.9,
25	10.7,	202.6,	157.3,	-135.9,	15.0,	26	10.7,	189.5,	132.9,	-126.3,	7.0,
27	10.7,	172.6,	129.3,	-114.7,	-1.1,	28	10.7,	188.1,	155.8,	-126.4,	-11.6,
29	10.7,	197.9,	178.2,	-134.8,	-21.7,	30	10.7,	201.7,	195.4,	-139.5,	-31.2,
31	10.7,	199.4,	206.7,	-139.9,	-39.8,	32	10.7,	191.0,	211.8,	-136.1,	-47.1,
33	10.7,	176.8,	210.4,	-128.1,	-53.0,	34	10.7,	157.3,	202.6,	-116.3,	-57.3,
35	10.7,	132.9,	189.5,	-101.8,	-59.8,	36	10.7,	129.3,	172.6,	-85.2,	-50.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-52.4,	-41.7,	2	10.7,	178.2,	197.9,	-48.8,	-33.8,
3	10.7,	195.4,	201.7,	-43.7,	-25.1,	4	10.7,	206.7,	199.4,	-37.3,	-15.6,
5	10.7,	211.8,	191.0,	-29.8,	-5.7,	6	10.7,	210.4,	176.8,	-21.3,	4.5,
7	10.7,	202.6,	157.3,	-12.2,	14.4,	8	10.7,	189.5,	132.9,	-2.8,	23.6,
9	10.7,	172.6,	129.3,	-16.1,	31.9,	10	10.7,	188.1,	155.8,	-36.2,	41.6,
11	10.7,	197.9,	178.2,	-55.2,	50.1,	12	10.7,	201.7,	195.4,	-72.6,	57.1,
13	10.7,	199.4,	206.7,	-87.8,	62.4,	14	10.7,	191.0,	211.8,	-100.2,	65.7,
15	10.7,	176.8,	210.4,	-109.6,	67.1,	16	10.7,	157.3,	202.6,	-115.8,	66.4,
17	10.7,	132.9,	189.5,	-118.3,	63.7,	18	10.7,	129.3,	172.6,	-118.2,	48.6,
19	10.7,	155.8,	188.1,	-135.7,	41.7,	20	10.7,	178.2,	197.9,	-149.1,	33.8,
21	10.7,	195.4,	201.7,	-158.0,	25.1,	22	10.7,	206.7,	199.4,	-162.1,	15.6,
23	10.7,	211.8,	191.0,	-161.2,	5.7,	24	10.7,	210.4,	176.8,	-155.5,	-4.5,
25	10.7,	202.6,	157.3,	-145.0,	-14.4,	26	10.7,	189.5,	132.9,	-130.2,	-23.6,
27	10.7,	172.6,	129.3,	-113.2,	-31.9,	28	10.7,	188.1,	155.8,	-119.6,	-41.6,
29	10.7,	197.9,	178.2,	-122.9,	-50.1,	30	10.7,	201.7,	195.4,	-122.8,	-57.1,
31	10.7,	199.4,	206.7,	-119.0,	-62.4,	32	10.7,	191.0,	211.8,	-111.6,	-65.7,
33	10.7,	176.8,	210.4,	-100.8,	-67.1,	34	10.7,	157.3,	202.6,	-86.9,	-66.4,
35	10.7,	132.9,	189.5,	-71.2,	-63.7,	36	10.7,	129.3,	172.6,	-54.4,	-48.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-24.0,	-37.8,	2	10.7,	178.2,	197.9,	-21.6,	-25.0,
3	10.7,	195.4,	201.7,	-18.4,	-11.7,	4	10.7,	206.7,	199.4,	-14.7,	2.0,
5	10.7,	211.8,	191.0,	-10.6,	15.6,	6	10.7,	210.4,	176.8,	-6.1,	28.7,
7	10.7,	202.6,	157.3,	-1.4,	41.0,	8	10.7,	189.5,	132.9,	3.2,	51.6,
9	10.7,	172.6,	129.3,	-15.0,	60.5,	10	10.7,	188.1,	155.8,	-40.1,	70.0,
11	10.7,	197.9,	178.2,	-64.0,	77.4,	12	10.7,	201.7,	195.4,	-86.0,	82.5,
13	10.7,	199.4,	206.7,	-105.3,	85.0,	14	10.7,	191.0,	211.8,	-121.5,	84.9,
15	10.7,	176.8,	210.4,	-133.9,	82.3,	16	10.7,	157.3,	202.6,	-142.3,	77.2,
17	10.7,	132.9,	189.5,	-146.3,	69.7,	18	10.7,	129.3,	172.6,	-146.8,	49.6,
19	10.7,	155.8,	188.1,	-164.1,	37.8,	20	10.7,	178.2,	197.9,	-176.4,	25.0,
21	10.7,	195.4,	201.7,	-183.3,	11.7,	22	10.7,	206.7,	199.4,	-184.7,	-2.0,
23	10.7,	211.8,	191.0,	-180.5,	-15.6,	24	10.7,	210.4,	176.8,	-170.7,	-28.7,
25	10.7,	202.6,	157.3,	-155.8,	-41.0,	26	10.7,	189.5,	132.9,	-136.2,	-51.6,
27	10.7,	172.6,	129.3,	-114.3,	-60.5,	28	10.7,	188.1,	155.8,	-115.7,	-70.0,
29	10.7,	197.9,	178.2,	-114.1,	-77.4,	30	10.7,	201.7,	195.4,	-109.4,	-82.5,
31	10.7,	199.4,	206.7,	-101.4,	-85.0,	32	10.7,	191.0,	211.8,	-90.3,	-84.9,
33	10.7,	176.8,	210.4,	-76.5,	-82.3,	34	10.7,	157.3,	202.6,	-60.3,	-77.2,
35	10.7,	132.9,	189.5,	-43.2,	-69.7,	36	10.7,	129.3,	172.6,	-25.8,	-49.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

479883.5, 479933.5, 479983.5, 480033.5, 480083.5, 480133.5, 480183.5, 480233.5, 480283.5, 480333.5,
480383.5, 480433.5, 480483.5, 480533.5, 480583.5, 480633.5, 480683.5, 480733.5, 480783.5, 480833.5,
480883.5,

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

3769867.4, 3769917.4, 3769967.4, 3770017.4, 3770067.4, 3770117.4, 3770167.4, 3770217.4, 3770267.4, 3770317.4,
3770367.4, 3770417.4, 3770467.4, 3770517.4, 3770567.4, 3770617.4, 3770667.4, 3770717.4, 3770767.4, 3770817.4,
3770867.4,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	359.90	362.60	364.60	364.70	364.70	364.70	366.90	367.50	367.80
3770817.38	361.10	363.10	364.20	364.50	365.20	365.90	367.40	367.90	368.20
3770767.38	362.80	363.60	364.50	365.10	365.80	366.50	367.30	367.90	368.30
3770717.38	362.80	363.70	364.40	365.10	365.80	366.50	367.20	367.70	368.10
3770667.38	362.70	363.70	364.40	365.00	365.80	366.50	367.30	367.80	368.30
3770617.38	362.60	363.90	364.50	365.20	365.90	366.60	367.30	367.70	368.10
3770567.38	362.70	363.90	364.50	365.30	365.80	366.30	366.90	367.30	367.80
3770517.38	362.80	363.80	363.10	365.80	365.80	366.10	366.60	367.10	367.40
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	366.40	366.70	367.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	366.50	366.80
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	367.70
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	368.00	368.80	369.40	370.10	371.20	372.80	373.10	373.90	374.70
3770817.38	368.40	369.00	369.60	370.40	371.10	372.90	373.00	373.60	374.40
3770767.38	368.90	369.50	370.10	370.80	371.60	372.50	373.20	373.90	374.50
3770717.38	368.90	370.00	370.50	371.10	371.90	372.70	373.80	374.40	374.80

3770667.38	369.10	370.40	370.40	370.70	371.70	372.80	373.80	374.00	374.90
3770617.38	369.20	370.30	370.10	370.60	371.30	372.40	373.10	373.60	375.10
3770567.38	368.80	369.30	369.60	369.80	370.80	372.20	373.00	373.70	375.30
3770517.38	367.90	368.10	368.30	368.80	369.80	372.00	373.00	373.70	375.50
3770467.38	367.30	367.60	367.90	368.50	369.70	371.90	373.00	373.70	375.60
3770417.38	367.10	367.40	367.60	368.30	370.10	372.50	373.90	374.10	375.80
3770367.38	368.30	368.90	369.60	370.40	371.90	373.30	374.30	375.00	376.00
3770317.38	368.20	369.40	370.10	370.90	372.10	373.80	374.30	374.60	376.10
3770267.38	368.00	369.60	370.20	371.10	372.10	373.70	374.20	374.70	376.30
3770217.38	368.00	369.90	370.60	371.50	372.40	374.20	374.40	375.20	376.50
3770167.38	369.10	370.40	371.30	372.00	372.90	374.30	374.60	375.50	376.70
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	374.70	376.00	376.70
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	376.00	376.60
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	376.60
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	375.40	376.20	376.40
3770817.38	374.90	376.70	376.90
3770767.38	374.70	376.10	376.90
3770717.38	375.40	376.10	377.30
3770667.38	375.80	376.30	377.20
3770617.38	374.60	375.80	376.40
3770567.38	373.40	374.90	376.40
3770517.38	373.70	376.50	377.00
3770467.38	374.20	376.90	377.40
3770417.38	374.90	376.90	377.50
3770367.38	376.20	377.00	377.80
3770317.38	376.40	377.40	378.80
3770267.38	376.80	377.40	378.00
3770217.38	377.90	378.20	377.90
3770167.38	378.10	378.50	378.40
3770117.38	377.70	378.00	378.10
3770067.38	377.90	378.20	378.60
3770017.38	378.10	378.90	379.50
3769967.38	377.30	377.90	378.70
3769917.38	377.40	377.80	378.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	1409.60	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	362.60	363.90	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00
3770567.38	362.70	363.90	364.50	365.30	2396.90	2396.90	2397.00	2397.00	2397.00
3770517.38	362.80	363.80	363.10	365.80	365.80	2396.90	2396.90	2397.00	2397.00
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	2396.90	2397.00	2397.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	2396.90	2397.00
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	2396.90
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00

3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770367.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770317.38	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770267.38	368.00	369.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770217.38	368.00	369.90	370.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770167.38	369.10	370.40	371.30	372.00	2396.90	2396.90	2397.00	2397.00	2397.00
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	2396.90	2397.00	2397.00
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	2396.90	2397.00
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	2396.90
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00
3770367.38	2397.00	2397.00	2397.00
3770317.38	2397.00	2397.00	2397.00
3770267.38	2397.00	2397.00	2397.00
3770217.38	2397.00	2397.00	2397.00
3770167.38	2397.00	2397.00	2397.00
3770117.38	2397.00	2397.00	2397.00
3770067.38	2397.00	2397.00	2397.00

```
 3770017.38 |       2396.90      2397.00      2397.00
 3769967.38 |       2396.90      2396.90      2397.00
 3769917.38 |        377.40       377.80      2396.90
 3769867.38 |        377.20       377.90       378.40
```


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

```
   ( 480373.4, 3770154.8,     370.3,     370.3,       0.0);        ( 480335.6, 3770154.8,     369.6,     369.6,       0.0);
   ( 480308.2, 3770150.3,     369.3,     369.3,       0.0);        ( 480281.3, 3770152.4,     368.9,     368.9,       0.0);
   ( 480245.5, 3770152.8,     368.7,     368.7,       0.0);        ( 480378.7, 3770067.4,     370.8,     370.8,       0.0);
   ( 480062.0, 3770132.0,     365.9,     365.9,       0.0);        ( 480813.9, 3770460.3,     376.8,    2397.0,       0.0);
   ( 480301.8, 3770594.8,     368.2,    2397.0,       0.0);
```


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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000562	480383.5	3770367.4	0.03
L0000567	480433.5	3770367.4	0.34
L0000568	480433.5	3770367.4	0.64
L0000573	480483.5	3770367.4	-0.30
L0000579	480533.5	3770367.4	-0.68
L0000585	480583.5	3770367.4	-0.77
L0000591	480633.5	3770367.4	-0.55
L0000596	480683.5	3770367.4	0.47
L0000597	480683.5	3770367.4	-0.06
L0000602	480733.5	3770367.4	-0.31
L0000606	480733.5	3770417.4	-1.41
L0000607	480733.5	3770417.4	-7.15
L0000612	480733.5	3770467.4	-2.93
L0000613	480733.5	3770467.4	-5.60
L0000618	480733.5	3770517.4	-4.43
L0000619	480733.5	3770517.4	-4.04
L0000624	480733.5	3770567.4	-5.87
L0000625	480733.5	3770567.4	-2.48

L0000630	480733.5	3770617.4	-7.04
L0000631	480733.5	3770617.4	-0.92
L0000635	480733.5	3770667.4	-0.43
L0000636	480733.5	3770667.4	-7.09
L0000637	480733.5	3770667.4	0.64
L0000641	480733.5	3770717.4	-1.90
L0000642	480733.5	3770717.4	-5.96
L0000647	480733.5	3770767.4	-3.31
L0000648	480733.5	3770767.4	-4.53
L0000653	480733.5	3770817.4	-4.62
L0000654	480733.5	3770817.4	-3.03
L0000659	480733.5	3770867.4	-5.67
L0000660	480733.5	3770867.4	-1.51
L0000679	480733.5	3770367.4	-7.20
L0000684	480733.5	3770317.4	-2.91
L0000685	480733.5	3770317.4	-5.61
L0000690	480733.5	3770267.4	-4.36
L0000691	480733.5	3770267.4	-4.00
L0000696	480733.5	3770217.4	-5.64
L0000697	480733.5	3770217.4	-2.40
L0000702	480733.5	3770167.4	-6.45
L0000703	480733.5	3770167.4	-0.80

*** 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)
L0000707	480733.5	3770117.4	-0.21
L0000708	480733.5	3770117.4	-6.22
L0000709	480733.5	3770117.4	0.81
L0000713	480733.5	3770067.4	-1.52
L0000714	480733.5	3770067.4	-5.15
L0000719	480733.5	3770017.4	-2.70
L0000720	480733.5	3770017.4	-3.78
L0000725	480733.5	3769967.4	-3.63
L0000726	480733.5	3769967.4	-2.30
L0000731	480733.5	3769917.4	-4.15
L0000732	480733.5	3769917.4	-0.77
L0000737	480733.5	3769867.4	-4.12
L0000738	480733.5	3769867.4	0.79

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 22112 *** *** 19518 Almond Avenue Warehouse 2YR *** 10/04/22
*** AERMET - VERSION 16216 *** *** DPM Conc 2025-26 *** 12:42:08
PAGE 26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC Met Version: 16216
Profile file: E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5

```
12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10   81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40   72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68   78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80  333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80   72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80  277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70  243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30  274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90  252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90  116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27   79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90   95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90   99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90  110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30   89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90  105.    9.1  285.9    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                                    ***        12:42:08
                                                                                                                    PAGE  27
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
                 L0000538    , L0000539    , L0000540    , L0000541    , L0000542    , L0000543    , L0000544    , L0000545    ,
                 L0000546    , L0000547    , L0000548    , L0000549    , L0000550    , L0000551    , L0000552    , L0000553    ,
                 L0000554    , L0000555    , L0000556    , L0000557    , L0000558    , L0000559    , L0000560    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     479883.54    479933.54    479983.54    480033.54    480083.54    480133.54    480183.54    480233.54    480283.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00003      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005      0.00005
 3770817.38 |       0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006
 3770767.38 |       0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00006      0.00007
 3770717.38 |       0.00006      0.00006      0.00006      0.00006      0.00007      0.00007      0.00007      0.00008      0.00008
 3770667.38 |       0.00007      0.00007      0.00007      0.00008      0.00008      0.00008      0.00008      0.00009      0.00009
 3770617.38 |       0.00009      0.00009      0.00010      0.00010      0.00010      0.00010      0.00010      0.00010      0.00011
 3770567.38 |       0.00011      0.00012      0.00013      0.00013      0.00013      0.00013      0.00012      0.00013      0.00013
```

3770517.38	0.00015	0.00016	0.00017	0.00018	0.00018	0.00017	0.00016	0.00016	0.00016
3770467.38	0.00018	0.00021	0.00023	0.00026	0.00026	0.00025	0.00023	0.00022	0.00022
3770417.38	0.00020	0.00025	0.00029	0.00034	0.00037	0.00038	0.00036	0.00034	0.00033
3770367.38	0.00020	0.00025	0.00031	0.00038	0.00045	0.00052	0.00057	0.00059	0.00060
3770317.38	0.00017	0.00022	0.00027	0.00035	0.00044	0.00054	0.00067	0.00081	0.00102
3770267.38	0.00014	0.00017	0.00021	0.00026	0.00032	0.00041	0.00052	0.00070	0.00107
3770217.38	0.00010	0.00012	0.00015	0.00018	0.00021	0.00025	0.00031	0.00040	0.00061
3770167.38	0.00008	0.00009	0.00011	0.00012	0.00014	0.00016	0.00019	0.00023	0.00030
3770117.38	0.00006	0.00007	0.00008	0.00010	0.00011	0.00013	0.00015	0.00018	0.00021
3770067.38	0.00006	0.00006	0.00007	0.00008	0.00010	0.00011	0.00013	0.00015	0.00017
3770017.38	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00013	0.00014
3769967.38	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012
3769917.38	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00008	0.00009	0.00010
3769867.38	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00007	0.00008	0.00008

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,

L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 ,
L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,
L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00010	0.00023
3770817.38	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00011	0.00023
3770767.38	0.00007	0.00007	0.00007	0.00007	0.00007	0.00008	0.00009	0.00012	0.00024
3770717.38	0.00008	0.00008	0.00008	0.00008	0.00008	0.00009	0.00010	0.00013	0.00025
3770667.38	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00011	0.00014	0.00021
3770617.38	0.00011	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00015	0.00028
3770567.38	0.00014	0.00014	0.00015	0.00015	0.00014	0.00014	0.00014	0.00016	0.00028
3770517.38	0.00017	0.00017	0.00018	0.00018	0.00018	0.00017	0.00017	0.00019	0.00030
3770467.38	0.00023	0.00024	0.00024	0.00025	0.00024	0.00022	0.00021	0.00023	0.00033
3770417.38	0.00036	0.00041	0.00043	0.00043	0.00038	0.00035	0.00033	0.00033	0.00040
3770367.38	0.00075	0.00086	0.00066	0.00078	0.00083	0.00072	0.00070	0.00056	0.00055
3770317.38	0.00131	0.00101	0.00068	0.00062	0.00067	0.00053	0.00044	0.00041	0.00047
3770267.38	0.00140	0.00132	0.00100	0.00081	0.00074	0.00058	0.00046	0.00041	0.00048
3770217.38	0.00102	0.00096	0.00077	0.00069	0.00076	0.00054	0.00044	0.00040	0.00047
3770167.38	0.00045	0.00052	0.00043	0.00043	0.00058	0.00041	0.00036	0.00035	0.00044
3770117.38	0.00026	0.00031	0.00032	0.00034	0.00031	0.00029	0.00028	0.00029	0.00034
3770067.38	0.00019	0.00021	0.00021	0.00021	0.00022	0.00022	0.00022	0.00024	0.00035

```
 3770017.38 |       0.00015      0.00016      0.00015      0.00016      0.00016      0.00017      0.00017      0.00020      0.00032
 3769967.38 |       0.00012      0.00012      0.00013      0.00013      0.00013      0.00013      0.00014      0.00017      0.00029
 3769917.38 |       0.00010      0.00010      0.00010      0.00010      0.00011      0.00011      0.00012      0.00015      0.00027
 3769867.38 |       0.00008      0.00009      0.00009      0.00009      0.00009      0.00009      0.00010      0.00013      0.00026

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                                    ***        12:42:08
                                                                                                                  PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               L0000538    , L0000539    , L0000540    , L0000541    , L0000542    , L0000543    , L0000544    , L0000545    ,
               L0000546    , L0000547    , L0000548    , L0000549    , L0000550    , L0000551    , L0000552    , L0000553    ,
               L0000554    , L0000555    , L0000556    , L0000557    , L0000558    , L0000559    , L0000560    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     480783.54    480833.54    480883.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00011      0.00007      0.00005
 3770817.38 |       0.00011      0.00007      0.00006
 3770767.38 |       0.00012      0.00008      0.00006
 3770717.38 |       0.00013      0.00008      0.00006
 3770667.38 |       0.00013      0.00009      0.00007
 3770617.38 |       0.00014      0.00010      0.00008
 3770567.38 |       0.00015      0.00011      0.00008
 3770517.38 |       0.00017      0.00012      0.00009
 3770467.38 |       0.00019      0.00013      0.00011
 3770417.38 |       0.00022      0.00015      0.00012
 3770367.38 |       0.00026      0.00018      0.00014
 3770317.38 |       0.00028      0.00021      0.00016
 3770267.38 |       0.00030      0.00023      0.00018
 3770217.38 |       0.00030      0.00023      0.00018
 3770167.38 |       0.00028      0.00021      0.00017
 3770117.38 |       0.00025      0.00019      0.00015
 3770067.38 |       0.00022      0.00016      0.00013
 3770017.38 |       0.00019      0.00014      0.00012
 3769967.38 |       0.00017      0.00012      0.00010
 3769917.38 |       0.00016      0.00011      0.00009
 3769867.38 |       0.00014      0.00010      0.00008

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2YR                                    ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2025-26                                                    ***        12:42:08
                                                                                                                  PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 ,
L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,
L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , . . . ,

*** 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
480373.40	3770154.77	0.00046	480335.59	3770154.77	0.00038
480308.24	3770150.35	0.00029	480281.29	3770152.36	0.00026
480245.49	3770152.76	0.00022	480378.70	3770067.38	0.00021
480061.96	3770132.04	0.00011	480813.93	3770460.26	0.00015
480301.81	3770594.82	0.00012			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 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	0.00140 AT (480333.54, 3770267.38, 368.00, 368.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00132 AT (480383.54, 3770267.38, 369.60, 369.60, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00131 AT (480333.54, 3770317.38, 368.20, 2396.90, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00107 AT (480283.54, 3770267.38, 367.60, 367.60, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00102 AT (480333.54, 3770217.38, 368.00, 368.00, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00102 AT (480283.54, 3770317.38, 367.60, 367.60, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00101 AT (480383.54, 3770317.38, 369.40, 2396.90, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00100 AT (480433.54, 3770267.38, 370.20, 2396.90, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00096 AT (480383.54, 3770217.38, 369.90, 369.90, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00086 AT (480383.54, 3770367.38, 368.90, 2397.00, 0.00)	GC	UCART1

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

```
*** 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            7 Warning Message(s)
A Total of          388 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          191 Calm Hours Identified

A Total of          197 Missing Hours Identified (  0.45 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/4/2022
** File: C:\Lakes\AERMOD View\19518 Almond Avenue Warehouse 1st 14YR\19518 Almond Avenue Warehouse 1st 14YR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19518 Almond Avenue Warehouse 1st 14YR
   TITLETWO DPM Conc 2027-40
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19518 Almond Avenue Warehouse 1st 14YR.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      480359.400  3770320.660      369.060
** DESCRSRC Entrance/exit gate idling
   LOCATION STCK2        POINT      480384.406  3770299.208      369.510
** DESCRSRC Loading dock idling
   LOCATION STCK3        POINT      480383.979  3770271.008      369.620
** DESCRSRC Loading dock idling
   LOCATION STCK4        POINT      480385.475  3770240.244      369.770
** DESCRSRC Loading dock idling
   LOCATION STCK5        POINT      480384.406  3770211.617      369.960
** DESCRSRC Loading dock idling
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite travel
```

```
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.06E-07
** Elevated
** Building Height = 10.67
** SZINIT = 4.96
** Nodes = 2
** 480357.237, 3770364.581, 368.77, 3.50, 4.00
** 480357.740, 3770182.864, 369.59, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000763     VOLUME   480357.249 3770360.285 368.79
   LOCATION L0000764     VOLUME   480357.273 3770351.694 368.94
   LOCATION L0000765     VOLUME   480357.296 3770343.104 368.96
   LOCATION L0000766     VOLUME   480357.320 3770334.513 368.99
   LOCATION L0000767     VOLUME   480357.344 3770325.922 369.01
   LOCATION L0000768     VOLUME   480357.368 3770317.331 369.04
   LOCATION L0000769     VOLUME   480357.391 3770308.741 369.06
   LOCATION L0000770     VOLUME   480357.415 3770300.150 369.09
   LOCATION L0000771     VOLUME   480357.439 3770291.559 369.11
   LOCATION L0000772     VOLUME   480357.463 3770282.968 369.13
   LOCATION L0000773     VOLUME   480357.486 3770274.377 369.15
   LOCATION L0000774     VOLUME   480357.510 3770265.787 369.18
   LOCATION L0000775     VOLUME   480357.534 3770257.196 369.20
   LOCATION L0000776     VOLUME   480357.558 3770248.605 369.24
   LOCATION L0000777     VOLUME   480357.582 3770240.014 369.27
   LOCATION L0000778     VOLUME   480357.605 3770231.424 369.31
   LOCATION L0000779     VOLUME   480357.629 3770222.833 369.37
   LOCATION L0000780     VOLUME   480357.653 3770214.242 369.44
   LOCATION L0000781     VOLUME   480357.677 3770205.651 369.51
   LOCATION L0000782     VOLUME   480357.700 3770197.061 369.59
   LOCATION L0000783     VOLUME   480357.724 3770188.470 369.70
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Almond Ave to Alabama
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.78E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480356.554, 3770375.486, 368.31, 3.50, 4.00
** 480733.408, 3770374.989, 375.95, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000784     VOLUME   480360.849 3770375.480 368.48
   LOCATION L0000785     VOLUME   480369.440 3770375.469 368.57
   LOCATION L0000786     VOLUME   480378.031 3770375.457 368.66
```

```
   LOCATION L0000787     VOLUME   480386.622 3770375.446 368.76
   LOCATION L0000788     VOLUME   480395.212 3770375.435 368.85
   LOCATION L0000789     VOLUME   480403.803 3770375.423 368.95
   LOCATION L0000790     VOLUME   480412.394 3770375.412 369.05
   LOCATION L0000791     VOLUME   480420.985 3770375.401 369.15
   LOCATION L0000792     VOLUME   480429.575 3770375.389 369.25
   LOCATION L0000793     VOLUME   480438.166 3770375.378 369.34
   LOCATION L0000794     VOLUME   480446.757 3770375.367 369.43
   LOCATION L0000795     VOLUME   480455.348 3770375.355 369.52
   LOCATION L0000796     VOLUME   480463.939 3770375.344 369.67
   LOCATION L0000797     VOLUME   480472.529 3770375.333 369.84
   LOCATION L0000798     VOLUME   480481.120 3770375.321 370.01
   LOCATION L0000799     VOLUME   480489.711 3770375.310 370.28
   LOCATION L0000800     VOLUME   480498.302 3770375.299 370.58
   LOCATION L0000801     VOLUME   480506.893 3770375.287 370.88
   LOCATION L0000802     VOLUME   480515.483 3770375.276 371.14
   LOCATION L0000803     VOLUME   480524.074 3770375.265 371.39
   LOCATION L0000804     VOLUME   480532.665 3770375.253 371.64
   LOCATION L0000805     VOLUME   480541.256 3770375.242 371.90
   LOCATION L0000806     VOLUME   480549.847 3770375.231 372.15
   LOCATION L0000807     VOLUME   480558.437 3770375.220 372.41
   LOCATION L0000808     VOLUME   480567.028 3770375.208 372.64
   LOCATION L0000809     VOLUME   480575.619 3770375.197 372.87
   LOCATION L0000810     VOLUME   480584.210 3770375.186 373.10
   LOCATION L0000811     VOLUME   480592.801 3770375.174 373.33
   LOCATION L0000812     VOLUME   480601.391 3770375.163 373.55
   LOCATION L0000813     VOLUME   480609.982 3770375.152 373.78
   LOCATION L0000814     VOLUME   480618.573 3770375.140 373.95
   LOCATION L0000815     VOLUME   480627.164 3770375.129 374.11
   LOCATION L0000816     VOLUME   480635.755 3770375.118 374.28
   LOCATION L0000817     VOLUME   480644.345 3770375.106 374.40
   LOCATION L0000818     VOLUME   480652.936 3770375.095 374.51
   LOCATION L0000819     VOLUME   480661.527 3770375.084 374.63
   LOCATION L0000820     VOLUME   480670.118 3770375.072 374.76
   LOCATION L0000821     VOLUME   480678.708 3770375.061 374.90
   LOCATION L0000822     VOLUME   480687.299 3770375.050 375.03
   LOCATION L0000823     VOLUME   480695.890 3770375.038 375.26
   LOCATION L0000824     VOLUME   480704.481 3770375.027 375.48
   LOCATION L0000825     VOLUME   480713.072 3770375.016 375.71
   LOCATION L0000826     VOLUME   480721.662 3770375.004 375.84
   LOCATION L0000827     VOLUME   480730.253 3770374.993 375.95
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Along Alabama St n/o Almond Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.46E-07
** Elevated
```

```
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.734, 3770380.127, 376.00, 3.50, 4.00
** 480736.495, 3771031.949, 375.00, 3.50, 4.00
** ------------------------------------------------------------------
   LOCATION L0000828     VOLUME   480733.752 3770384.422 375.99
   LOCATION L0000829     VOLUME   480733.789 3770393.013 375.95
   LOCATION L0000830     VOLUME   480733.825 3770401.603 375.92
   LOCATION L0000831     VOLUME   480733.861 3770410.194 375.88
   LOCATION L0000832     VOLUME   480733.898 3770418.785 375.85
   LOCATION L0000833     VOLUME   480733.934 3770427.376 375.81
   LOCATION L0000834     VOLUME   480733.970 3770435.966 375.77
   LOCATION L0000835     VOLUME   480734.007 3770444.557 375.73
   LOCATION L0000836     VOLUME   480734.043 3770453.148 375.70
   LOCATION L0000837     VOLUME   480734.080 3770461.738 375.68
   LOCATION L0000838     VOLUME   480734.116 3770470.329 375.65
   LOCATION L0000839     VOLUME   480734.152 3770478.920 375.63
   LOCATION L0000840     VOLUME   480734.189 3770487.511 375.61
   LOCATION L0000841     VOLUME   480734.225 3770496.101 375.59
   LOCATION L0000842     VOLUME   480734.262 3770504.692 375.57
   LOCATION L0000843     VOLUME   480734.298 3770513.283 375.55
   LOCATION L0000844     VOLUME   480734.334 3770521.873 375.53
   LOCATION L0000845     VOLUME   480734.371 3770530.464 375.51
   LOCATION L0000846     VOLUME   480734.407 3770539.055 375.48
   LOCATION L0000847     VOLUME   480734.444 3770547.646 375.44
   LOCATION L0000848     VOLUME   480734.480 3770556.236 375.39
   LOCATION L0000849     VOLUME   480734.516 3770564.827 375.35
   LOCATION L0000850     VOLUME   480734.553 3770573.418 375.30
   LOCATION L0000851     VOLUME   480734.589 3770582.009 375.26
   LOCATION L0000852     VOLUME   480734.626 3770590.599 375.22
   LOCATION L0000853     VOLUME   480734.662 3770599.190 375.17
   LOCATION L0000854     VOLUME   480734.698 3770607.781 375.14
   LOCATION L0000855     VOLUME   480734.735 3770616.371 375.10
   LOCATION L0000856     VOLUME   480734.771 3770624.962 375.07
   LOCATION L0000857     VOLUME   480734.807 3770633.553 375.04
   LOCATION L0000858     VOLUME   480734.844 3770642.144 375.02
   LOCATION L0000859     VOLUME   480734.880 3770650.734 374.99
   LOCATION L0000860     VOLUME   480734.917 3770659.325 374.97
   LOCATION L0000861     VOLUME   480734.953 3770667.916 374.95
   LOCATION L0000862     VOLUME   480734.989 3770676.507 374.92
   LOCATION L0000863     VOLUME   480735.026 3770685.097 374.89
   LOCATION L0000864     VOLUME   480735.062 3770693.688 374.87
   LOCATION L0000865     VOLUME   480735.099 3770702.279 374.84
   LOCATION L0000866     VOLUME   480735.135 3770710.869 374.81
   LOCATION L0000867     VOLUME   480735.171 3770719.460 374.78
   LOCATION L0000868     VOLUME   480735.208 3770728.051 374.74
   LOCATION L0000869     VOLUME   480735.244 3770736.642 374.69
   LOCATION L0000870     VOLUME   480735.281 3770745.232 374.64
   LOCATION L0000871     VOLUME   480735.317 3770753.823 374.59
   LOCATION L0000872     VOLUME   480735.353 3770762.414 374.54
```

```
   LOCATION L0000873     VOLUME   480735.390 3770771.004 374.49
   LOCATION L0000874     VOLUME   480735.426 3770779.595 374.44
   LOCATION L0000875     VOLUME   480735.462 3770788.186 374.42
   LOCATION L0000876     VOLUME   480735.499 3770796.777 374.43
   LOCATION L0000877     VOLUME   480735.535 3770805.367 374.44
   LOCATION L0000878     VOLUME   480735.572 3770813.958 374.46
   LOCATION L0000879     VOLUME   480735.608 3770822.549 374.50
   LOCATION L0000880     VOLUME   480735.644 3770831.140 374.54
   LOCATION L0000881     VOLUME   480735.681 3770839.730 374.58
   LOCATION L0000882     VOLUME   480735.717 3770848.321 374.62
   LOCATION L0000883     VOLUME   480735.754 3770856.912 374.64
   LOCATION L0000884     VOLUME   480735.790 3770865.502 374.67
   LOCATION L0000885     VOLUME   480735.826 3770874.093 374.70
   LOCATION L0000886     VOLUME   480735.863 3770882.684 374.73
   LOCATION L0000887     VOLUME   480735.899 3770891.275 374.76
   LOCATION L0000888     VOLUME   480735.936 3770899.865 374.79
   LOCATION L0000889     VOLUME   480735.972 3770908.456 374.82
   LOCATION L0000890     VOLUME   480736.008 3770917.047 374.83
   LOCATION L0000891     VOLUME   480736.045 3770925.637 374.85
   LOCATION L0000892     VOLUME   480736.081 3770934.228 374.87
   LOCATION L0000893     VOLUME   480736.118 3770942.819 374.87
   LOCATION L0000894     VOLUME   480736.154 3770951.410 374.85
   LOCATION L0000895     VOLUME   480736.190 3770960.000 374.84
   LOCATION L0000896     VOLUME   480736.227 3770968.591 374.82
   LOCATION L0000897     VOLUME   480736.263 3770977.182 374.79
   LOCATION L0000898     VOLUME   480736.299 3770985.773 374.77
   LOCATION L0000899     VOLUME   480736.336 3770994.363 374.74
   LOCATION L0000900     VOLUME   480736.372 3771002.954 374.73
   LOCATION L0000901     VOLUME   480736.409 3771011.545 374.74
   LOCATION L0000902     VOLUME   480736.445 3771020.135 374.75
   LOCATION L0000903     VOLUME   480736.481 3771028.726 374.76
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Alabama St to 10 freeway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.32E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.702, 3770370.294, 376.04, 3.50, 4.00
** 480739.840, 3769652.585, 383.34, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000904     VOLUME   480733.739 3770365.998 376.01
   LOCATION L0000905     VOLUME   480733.812 3770357.408 376.03
   LOCATION L0000906     VOLUME   480733.886 3770348.817 376.04
   LOCATION L0000907     VOLUME   480733.959 3770340.227 376.07
```

```
LOCATION L0000908     VOLUME   480734.033 3770331.636 376.09
LOCATION L0000909     VOLUME   480734.106 3770323.046 376.11
LOCATION L0000910     VOLUME   480734.180 3770314.455 376.14
LOCATION L0000911     VOLUME   480734.253 3770305.865 376.17
LOCATION L0000912     VOLUME   480734.326 3770297.274 376.20
LOCATION L0000913     VOLUME   480734.400 3770288.684 376.23
LOCATION L0000914     VOLUME   480734.473 3770280.093 376.26
LOCATION L0000915     VOLUME   480734.547 3770271.503 376.29
LOCATION L0000916     VOLUME   480734.620 3770262.913 376.32
LOCATION L0000917     VOLUME   480734.694 3770254.322 376.36
LOCATION L0000918     VOLUME   480734.767 3770245.732 376.41
LOCATION L0000919     VOLUME   480734.841 3770237.141 376.45
LOCATION L0000920     VOLUME   480734.914 3770228.551 376.49
LOCATION L0000921     VOLUME   480734.988 3770219.960 376.53
LOCATION L0000922     VOLUME   480735.061 3770211.370 376.57
LOCATION L0000923     VOLUME   480735.135 3770202.779 376.61
LOCATION L0000924     VOLUME   480735.208 3770194.189 376.64
LOCATION L0000925     VOLUME   480735.281 3770185.598 376.66
LOCATION L0000926     VOLUME   480735.355 3770177.008 376.69
LOCATION L0000927     VOLUME   480735.428 3770168.417 376.71
LOCATION L0000928     VOLUME   480735.502 3770159.827 376.71
LOCATION L0000929     VOLUME   480735.575 3770151.236 376.70
LOCATION L0000930     VOLUME   480735.649 3770142.646 376.70
LOCATION L0000931     VOLUME   480735.722 3770134.055 376.69
LOCATION L0000932     VOLUME   480735.796 3770125.465 376.69
LOCATION L0000933     VOLUME   480735.869 3770116.874 376.69
LOCATION L0000934     VOLUME   480735.943 3770108.284 376.68
LOCATION L0000935     VOLUME   480736.016 3770099.693 376.69
LOCATION L0000936     VOLUME   480736.090 3770091.103 376.69
LOCATION L0000937     VOLUME   480736.163 3770082.512 376.69
LOCATION L0000938     VOLUME   480736.236 3770073.922 376.68
LOCATION L0000939     VOLUME   480736.310 3770065.331 376.66
LOCATION L0000940     VOLUME   480736.383 3770056.741 376.63
LOCATION L0000941     VOLUME   480736.457 3770048.150 376.61
LOCATION L0000942     VOLUME   480736.530 3770039.560 376.60
LOCATION L0000943     VOLUME   480736.604 3770030.969 376.61
LOCATION L0000944     VOLUME   480736.677 3770022.379 376.61
LOCATION L0000945     VOLUME   480736.751 3770013.788 376.61
LOCATION L0000946     VOLUME   480736.824 3770005.198 376.61
LOCATION L0000947     VOLUME   480736.898 3769996.607 376.60
LOCATION L0000948     VOLUME   480736.971 3769988.017 376.60
LOCATION L0000949     VOLUME   480737.045 3769979.426 376.59
LOCATION L0000950     VOLUME   480737.118 3769970.836 376.58
LOCATION L0000951     VOLUME   480737.191 3769962.245 376.57
LOCATION L0000952     VOLUME   480737.265 3769953.655 376.57
LOCATION L0000953     VOLUME   480737.338 3769945.065 376.57
LOCATION L0000954     VOLUME   480737.412 3769936.474 376.59
LOCATION L0000955     VOLUME   480737.485 3769927.884 376.60
LOCATION L0000956     VOLUME   480737.559 3769919.293 376.61
LOCATION L0000957     VOLUME   480737.632 3769910.703 376.62
LOCATION L0000958     VOLUME   480737.706 3769902.112 376.63
```

```
   LOCATION L0000959     VOLUME   480737.779 3769893.522 376.65
   LOCATION L0000960     VOLUME   480737.853 3769884.931 376.66
   LOCATION L0000961     VOLUME   480737.926 3769876.341 376.68
   LOCATION L0000962     VOLUME   480738.000 3769867.750 376.69
   LOCATION L0000963     VOLUME   480738.073 3769859.160 376.71
   LOCATION L0000964     VOLUME   480738.146 3769850.569 376.74
   LOCATION L0000965     VOLUME   480738.220 3769841.979 376.77
   LOCATION L0000966     VOLUME   480738.293 3769833.388 376.80
   LOCATION L0000967     VOLUME   480738.367 3769824.798 376.86
   LOCATION L0000968     VOLUME   480738.440 3769816.207 376.95
   LOCATION L0000969     VOLUME   480738.514 3769807.617 377.03
   LOCATION L0000970     VOLUME   480738.587 3769799.026 377.12
   LOCATION L0000971     VOLUME   480738.661 3769790.436 377.35
   LOCATION L0000972     VOLUME   480738.734 3769781.845 377.58
   LOCATION L0000973     VOLUME   480738.808 3769773.255 377.81
   LOCATION L0000974     VOLUME   480738.881 3769764.664 378.08
   LOCATION L0000975     VOLUME   480738.955 3769756.074 378.42
   LOCATION L0000976     VOLUME   480739.028 3769747.483 378.76
   LOCATION L0000977     VOLUME   480739.101 3769738.893 379.10
   LOCATION L0000978     VOLUME   480739.175 3769730.302 379.48
   LOCATION L0000979     VOLUME   480739.248 3769721.712 379.89
   LOCATION L0000980     VOLUME   480739.322 3769713.121 380.28
   LOCATION L0000981     VOLUME   480739.395 3769704.531 380.68
   LOCATION L0000982     VOLUME   480739.469 3769695.940 381.08
   LOCATION L0000983     VOLUME   480739.542 3769687.350 381.47
   LOCATION L0000984     VOLUME   480739.616 3769678.759 381.86
   LOCATION L0000985     VOLUME   480739.689 3769670.169 382.25
   LOCATION L0000986     VOLUME   480739.763 3769661.578 382.63
   LOCATION L0000987     VOLUME   480739.836 3769652.988 383.01
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
   SRCPARAM STCK1         1.93E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK2         1.93E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK3         1.93E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK4         1.93E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK5         1.93E-06     3.500   366.000      51.9       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000763     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000764     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000765     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000766     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000767     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000768     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000769     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000770     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000771     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000772     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000773     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000774     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000775     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000776     0.00000004314      3.50      4.00      4.96
```

```
   SRCPARAM L0000777     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000778     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000779     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000780     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000781     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000782     0.00000004314      3.50      4.00      4.96
   SRCPARAM L0000783     0.00000004314      3.50      4.00      4.96
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000784     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000785     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000786     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000787     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000788     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000789     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000790     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000791     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000792     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000793     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000794     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000795     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000796     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000797     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000798     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000799     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000800     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000801     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000802     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000803     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000804     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000805     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000806     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000807     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000808     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000809     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000810     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000811     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000812     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000813     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000814     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000815     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000816     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000817     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000818     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000819     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000820     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000821     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000822     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000823     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000824     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000825     0.00000002223      3.50      4.00      1.63
```

```
   SRCPARAM L0000826     0.00000002223      3.50      4.00      1.63
   SRCPARAM L0000827     0.00000002223      3.50      4.00      1.63
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000828     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000829     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000830     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000831     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000832     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000833     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000834     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000835     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000836     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000837     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000838     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000839     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000840     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000841     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000842     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000843     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000844     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000845     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000846     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000847     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000848     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000849     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000850     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000851     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000852     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000853     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000854     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000855     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000856     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000857     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000858     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000859     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000860     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000861     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000862     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000863     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000864     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000865     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000866     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000867     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000868     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000869     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000870     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000871     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000872     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000873     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000874     0.00000001113      3.50      4.00      1.63
```

```
   SRCPARAM L0000875     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000876     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000877     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000878     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000879     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000880     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000881     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000882     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000883     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000884     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000885     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000886     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000887     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000888     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000889     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000890     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000891     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000892     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000893     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000894     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000895     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000896     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000897     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000898     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000899     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000900     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000901     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000902     0.00000001113      3.50      4.00      1.63
   SRCPARAM L0000903     0.00000001113      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000904     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000905     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000906     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000907     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000908     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000909     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000910     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000911     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000912     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000913     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000914     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000915     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000916     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000917     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000918     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000919     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000920     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000921     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000922     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000923     0.0000000111      3.50      4.00      1.63
```

```
SRCPARAM L0000924     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000925     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000926     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000927     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000928     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000929     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000930     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000931     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000932     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000933     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000934     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000935     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000936     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000937     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000938     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000939     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000940     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000941     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000942     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000943     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000944     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000945     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000946     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000947     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000948     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000949     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000950     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000951     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000952     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000953     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000954     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000955     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000956     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000957     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000958     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000959     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000960     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000961     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000962     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000963     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000964     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000965     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000966     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000967     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000968     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000969     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000970     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000971     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000972     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000973     0.0000000111      3.50      4.00      1.63
SRCPARAM L0000974     0.0000000111      3.50      4.00      1.63
```

```
   SRCPARAM L0000975     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000976     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000977     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000978     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000979     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000980     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000981     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000982     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000983     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000984     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000985     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000986     0.0000000111      3.50      4.00      1.63
   SRCPARAM L0000987     0.0000000111      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00

   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
```

```
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00

BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33

BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00
BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00

BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58
BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58

BUILDLEN STCK3          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK3          157.27   132.93   129.33   155.84   178.15   195.42
```

BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK3	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK3	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
XBADJ	STCK1	-127.09	-115.47	-100.34	-82.17	-61.50	-38.96
XBADJ	STCK1	-15.24	8.95	9.97	3.41	-3.25	-9.82
XBADJ	STCK1	-16.08	-21.86	-26.97	-31.26	0.00	0.00
XBADJ	STCK1	-61.03	-82.46	-101.39	-117.24	-129.52	-137.87
XBADJ	STCK1	-142.03	-141.88	-139.30	-159.25	-174.90	-185.60
XBADJ	STCK1	-190.66	-189.93	-183.43	-171.36	0.00	0.00
XBADJ	STCK2	-110.30	-103.87	-94.27	-81.82	-66.87	-49.90
XBADJ	STCK2	-31.41	-11.96	-15.04	-24.94	-34.09	-42.20
XBADJ	STCK2	-49.03	-54.37	-58.05	-59.98	-60.08	-59.19
XBADJ	STCK2	-77.81	-94.06	-107.46	-117.59	-124.15	-126.94
XBADJ	STCK2	-125.87	-120.97	-114.29	-130.89	-144.06	-153.22
XBADJ	STCK2	-157.72	-157.42	-152.35	-142.64	-129.46	-113.39
XBADJ	STCK3	-82.46	-77.22	-69.64	-59.94	-48.42	-35.42
XBADJ	STCK3	-21.36	-6.64	-14.61	-29.42	-43.33	-55.93
XBADJ	STCK3	-66.83	-75.69	-82.26	-86.33	-87.77	-87.39
XBADJ	STCK3	-105.66	-120.71	-132.10	-139.47	-142.61	-141.41
XBADJ	STCK3	-135.91	-126.29	-114.72	-126.42	-134.82	-139.49
XBADJ	STCK3	-139.92	-136.10	-128.14	-116.29	-101.76	-85.19
XBADJ	STCK4	-52.41	-48.82	-43.73	-37.32	-29.78	-21.33
XBADJ	STCK4	-12.23	-2.76	-16.10	-36.23	-55.25	-72.60
XBADJ	STCK4	-87.75	-100.22	-109.65	-115.75	-118.33	-118.16
XBADJ	STCK4	-135.70	-149.11	-158.00	-162.08	-161.24	-155.50
XBADJ	STCK4	-145.04	-130.17	-113.23	-119.61	-122.90	-122.81
XBADJ	STCK4	-119.00	-111.57	-100.75	-86.87	-71.20	-54.42
XBADJ	STCK5	-24.04	-21.56	-18.42	-14.72	-10.57	-6.10
XBADJ	STCK5	-1.45	3.25	-15.04	-40.15	-64.05	-86.00
XBADJ	STCK5	-105.33	-121.46	-133.91	-142.28	-146.33	-146.78
XBADJ	STCK5	-164.07	-176.37	-183.32	-184.69	-180.45	-170.73

```
   XBADJ    STCK5         -155.82  -136.18  -114.29  -115.68  -114.10  -109.42
   XBADJ    STCK5         -101.42   -90.33   -76.49   -60.34   -43.20   -25.80

   YBADJ    STCK1          -81.33   -85.82   -87.89   -87.29   -84.04   -78.23
   YBADJ    STCK1          -70.05   -60.16   -48.55   -33.03   -16.50     0.52
   YBADJ    STCK1           17.53    34.01    49.45    63.40     0.00     0.00
   YBADJ    STCK1           81.33    85.82    87.89    87.29    84.04    78.23
   YBADJ    STCK1           70.05    60.16    48.55    33.03    16.50    -0.52
   YBADJ    STCK1          -17.53   -34.01   -49.45   -63.40     0.00     0.00

   YBADJ    STCK2          -52.98   -54.99   -55.51   -54.34   -51.53   -47.15
   YBADJ    STCK2          -41.33   -34.69   -27.10   -16.25    -4.90     6.59
   YBADJ    STCK2           17.89    28.64    38.52    47.23    54.51    49.63
   YBADJ    STCK2           52.98    54.99    55.51    54.34    51.53    47.15
   YBADJ    STCK2           41.33    34.69    27.10    16.25     4.90    -6.59
   YBADJ    STCK2          -17.89   -28.64   -38.52   -47.23   -54.51   -49.63

   YBADJ    STCK3          -48.50   -45.74   -41.78   -36.55   -30.20   -22.94
   YBADJ    STCK3          -14.98    -6.99     1.10    11.60    21.74    31.23
   YBADJ    STCK3           39.77    47.09    52.99    57.28    59.83    50.06
   YBADJ    STCK3           48.50    45.74    41.78    36.55    30.20    22.94
   YBADJ    STCK3           14.98     6.99    -1.10   -11.60   -21.74   -31.23
   YBADJ    STCK3          -39.77   -47.09   -52.99   -57.28   -59.83   -50.06

   YBADJ    STCK4          -41.69   -33.82   -25.11   -15.63    -5.67     4.45
   YBADJ    STCK4           14.44    23.57    31.87    41.64    50.15    57.13
   YBADJ    STCK4           62.38    65.73    67.09    66.40    63.70    48.56
   YBADJ    STCK4           41.69    33.82    25.11    15.63     5.67    -4.45
   YBADJ    STCK4          -14.44   -23.57   -31.87   -41.64   -50.15   -57.13
   YBADJ    STCK4          -62.38   -65.73   -67.09   -66.40   -63.70   -48.56

   YBADJ    STCK5          -37.77   -25.03   -11.71     1.96    15.57    28.71
   YBADJ    STCK5           40.97    51.57    60.49    70.01    77.41    82.45
   YBADJ    STCK5           84.99    84.94    82.31    77.19    69.72    49.62
   YBADJ    STCK5           37.77    25.03    11.71    -1.96   -15.57   -28.71
   YBADJ    STCK5          -40.97   -51.57   -60.49   -70.01   -77.41   -82.45
   YBADJ    STCK5          -84.99   -84.94   -82.31   -77.19   -69.72   -49.62

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19518 Almond Avenue Warehouse 1st 14YR.rou"
RE FINISHED
**
```

```
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC"
   PROFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL"
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19518 ALMOND AVENUE WAREHOUSE 1ST 14YR.AD\PE00GALL.PLT" 31
   SUMMFILE "19518 Almond Avenue Warehouse 1st 14YR.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   230 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * 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:    230 Source(s);       1 Source Group(s); and     450 Receptor(s)

               with:      5 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    225 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**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) =   481.00 ;  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:   19518 Almond Avenue Warehouse 1st 14YR.err
**File for Summary of Results:   19518 Almond Avenue Warehouse 1st 14YR.sum

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 1st 14YR                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2027-40                                               ***        13:49:17
                                                                                                               PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** POINT SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE     STACK   STACK    STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                        VARY BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

STCK1           0   0.19300E-05  480359.4 3770320.7   369.1     3.50   366.00    51.90     0.10    YES     YES   NO
STCK2           0   0.19300E-05  480384.4 3770299.2   369.5     3.50   366.00    51.90     0.10    YES     YES   NO
STCK3           0   0.19300E-05  480384.0 3770271.0   369.6     3.50   366.00    51.90     0.10    YES     YES   NO
STCK4           0   0.19300E-05  480385.5 3770240.2   369.8     3.50   366.00    51.90     0.10    YES     YES   NO
STCK5           0   0.19300E-05  480384.4 3770211.6   370.0     3.50   366.00    51.90     0.10    YES     YES   NO

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 1st 14YR                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2027-40                                               ***        13:49:17
                                                                                                               PAGE   3
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
L0000763        0   0.43140E-07  480357.2 3770360.3   368.8     3.50     4.00     4.96     YES
L0000764        0   0.43140E-07  480357.3 3770351.7   368.9     3.50     4.00     4.96     YES
L0000765        0   0.43140E-07  480357.3 3770343.1   369.0     3.50     4.00     4.96     YES
L0000766        0   0.43140E-07  480357.3 3770334.5   369.0     3.50     4.00     4.96     YES
L0000767        0   0.43140E-07  480357.3 3770325.9   369.0     3.50     4.00     4.96     YES
L0000768        0   0.43140E-07  480357.4 3770317.3   369.0     3.50     4.00     4.96     YES
L0000769        0   0.43140E-07  480357.4 3770308.7   369.1     3.50     4.00     4.96     YES
L0000770        0   0.43140E-07  480357.4 3770300.1   369.1     3.50     4.00     4.96     YES
L0000771        0   0.43140E-07  480357.4 3770291.6   369.1     3.50     4.00     4.96     YES
L0000772        0   0.43140E-07  480357.5 3770283.0   369.1     3.50     4.00     4.96     YES
L0000773        0   0.43140E-07  480357.5 3770274.4   369.2     3.50     4.00     4.96     YES
L0000774        0   0.43140E-07  480357.5 3770265.8   369.2     3.50     4.00     4.96     YES
L0000775        0   0.43140E-07  480357.5 3770257.2   369.2     3.50     4.00     4.96     YES
L0000776        0   0.43140E-07  480357.6 3770248.6   369.2     3.50     4.00     4.96     YES
L0000777        0   0.43140E-07  480357.6 3770240.0   369.3     3.50     4.00     4.96     YES
L0000778        0   0.43140E-07  480357.6 3770231.4   369.3     3.50     4.00     4.96     YES
L0000779        0   0.43140E-07  480357.6 3770222.8   369.4     3.50     4.00     4.96     YES
L0000780        0   0.43140E-07  480357.7 3770214.2   369.4     3.50     4.00     4.96     YES
L0000781        0   0.43140E-07  480357.7 3770205.7   369.5     3.50     4.00     4.96     YES
L0000782        0   0.43140E-07  480357.7 3770197.1   369.6     3.50     4.00     4.96     YES
L0000783        0   0.43140E-07  480357.7 3770188.5   369.7     3.50     4.00     4.96     YES
L0000784        0   0.22230E-07  480360.8 3770375.5   368.5     3.50     4.00     1.63     YES
L0000785        0   0.22230E-07  480369.4 3770375.5   368.6     3.50     4.00     1.63     YES
L0000786        0   0.22230E-07  480378.0 3770375.5   368.7     3.50     4.00     1.63     YES
L0000787        0   0.22230E-07  480386.6 3770375.4   368.8     3.50     4.00     1.63     YES
L0000788        0   0.22230E-07  480395.2 3770375.4   368.9     3.50     4.00     1.63     YES
L0000789        0   0.22230E-07  480403.8 3770375.4   368.9     3.50     4.00     1.63     YES
L0000790        0   0.22230E-07  480412.4 3770375.4   369.1     3.50     4.00     1.63     YES
L0000791        0   0.22230E-07  480421.0 3770375.4   369.2     3.50     4.00     1.63     YES
L0000792        0   0.22230E-07  480429.6 3770375.4   369.2     3.50     4.00     1.63     YES
L0000793        0   0.22230E-07  480438.2 3770375.4   369.3     3.50     4.00     1.63     YES
L0000794        0   0.22230E-07  480446.8 3770375.4   369.4     3.50     4.00     1.63     YES
L0000795        0   0.22230E-07  480455.3 3770375.4   369.5     3.50     4.00     1.63     YES
L0000796        0   0.22230E-07  480463.9 3770375.3   369.7     3.50     4.00     1.63     YES
L0000797        0   0.22230E-07  480472.5 3770375.3   369.8     3.50     4.00     1.63     YES
L0000798        0   0.22230E-07  480481.1 3770375.3   370.0     3.50     4.00     1.63     YES
L0000799        0   0.22230E-07  480489.7 3770375.3   370.3     3.50     4.00     1.63     YES
L0000800        0   0.22230E-07  480498.3 3770375.3   370.6     3.50     4.00     1.63     YES
L0000801        0   0.22230E-07  480506.9 3770375.3   370.9     3.50     4.00     1.63     YES
L0000802        0   0.22230E-07  480515.5 3770375.3   371.1     3.50     4.00     1.63     YES
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0000803	0	0.22230E-07	480524.1	3770375.3	371.4	3.50	4.00	1.63	YES	
L0000804	0	0.22230E-07	480532.7	3770375.3	371.6	3.50	4.00	1.63	YES	
L0000805	0	0.22230E-07	480541.3	3770375.2	371.9	3.50	4.00	1.63	YES	
L0000806	0	0.22230E-07	480549.8	3770375.2	372.2	3.50	4.00	1.63	YES	
L0000807	0	0.22230E-07	480558.4	3770375.2	372.4	3.50	4.00	1.63	YES	
L0000808	0	0.22230E-07	480567.0	3770375.2	372.6	3.50	4.00	1.63	YES	
L0000809	0	0.22230E-07	480575.6	3770375.2	372.9	3.50	4.00	1.63	YES	
L0000810	0	0.22230E-07	480584.2	3770375.2	373.1	3.50	4.00	1.63	YES	
L0000811	0	0.22230E-07	480592.8	3770375.2	373.3	3.50	4.00	1.63	YES	
L0000812	0	0.22230E-07	480601.4	3770375.2	373.6	3.50	4.00	1.63	YES	
L0000813	0	0.22230E-07	480610.0	3770375.2	373.8	3.50	4.00	1.63	YES	
L0000814	0	0.22230E-07	480618.6	3770375.1	373.9	3.50	4.00	1.63	YES	
L0000815	0	0.22230E-07	480627.2	3770375.1	374.1	3.50	4.00	1.63	YES	
L0000816	0	0.22230E-07	480635.8	3770375.1	374.3	3.50	4.00	1.63	YES	
L0000817	0	0.22230E-07	480644.3	3770375.1	374.4	3.50	4.00	1.63	YES	
L0000818	0	0.22230E-07	480652.9	3770375.1	374.5	3.50	4.00	1.63	YES	
L0000819	0	0.22230E-07	480661.5	3770375.1	374.6	3.50	4.00	1.63	YES	
L0000820	0	0.22230E-07	480670.1	3770375.1	374.8	3.50	4.00	1.63	YES	
L0000821	0	0.22230E-07	480678.7	3770375.1	374.9	3.50	4.00	1.63	YES	
L0000822	0	0.22230E-07	480687.3	3770375.0	375.0	3.50	4.00	1.63	YES	
L0000823	0	0.22230E-07	480695.9	3770375.0	375.3	3.50	4.00	1.63	YES	
L0000824	0	0.22230E-07	480704.5	3770375.0	375.5	3.50	4.00	1.63	YES	
L0000825	0	0.22230E-07	480713.1	3770375.0	375.7	3.50	4.00	1.63	YES	
L0000826	0	0.22230E-07	480721.7	3770375.0	375.8	3.50	4.00	1.63	YES	
L0000827	0	0.22230E-07	480730.3	3770375.0	375.9	3.50	4.00	1.63	YES	
L0000828	0	0.11130E-07	480733.8	3770384.4	376.0	3.50	4.00	1.63	YES	
L0000829	0	0.11130E-07	480733.8	3770393.0	375.9	3.50	4.00	1.63	YES	
L0000830	0	0.11130E-07	480733.8	3770401.6	375.9	3.50	4.00	1.63	YES	
L0000831	0	0.11130E-07	480733.9	3770410.2	375.9	3.50	4.00	1.63	YES	
L0000832	0	0.11130E-07	480733.9	3770418.8	375.9	3.50	4.00	1.63	YES	
L0000833	0	0.11130E-07	480733.9	3770427.4	375.8	3.50	4.00	1.63	YES	
L0000834	0	0.11130E-07	480734.0	3770436.0	375.8	3.50	4.00	1.63	YES	
L0000835	0	0.11130E-07	480734.0	3770444.6	375.7	3.50	4.00	1.63	YES	
L0000836	0	0.11130E-07	480734.0	3770453.1	375.7	3.50	4.00	1.63	YES	
L0000837	0	0.11130E-07	480734.1	3770461.7	375.7	3.50	4.00	1.63	YES	
L0000838	0	0.11130E-07	480734.1	3770470.3	375.7	3.50	4.00	1.63	YES	
L0000839	0	0.11130E-07	480734.2	3770478.9	375.6	3.50	4.00	1.63	YES	
L0000840	0	0.11130E-07	480734.2	3770487.5	375.6	3.50	4.00	1.63	YES	
L0000841	0	0.11130E-07	480734.2	3770496.1	375.6	3.50	4.00	1.63	YES	
L0000842	0	0.11130E-07	480734.3	3770504.7	375.6	3.50	4.00	1.63	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
L0000843	0	0.11130E-07	480734.3	3770513.3	375.6	3.50	4.00	1.63	YES	
L0000844	0	0.11130E-07	480734.3	3770521.9	375.5	3.50	4.00	1.63	YES	
L0000845	0	0.11130E-07	480734.4	3770530.5	375.5	3.50	4.00	1.63	YES	
L0000846	0	0.11130E-07	480734.4	3770539.1	375.5	3.50	4.00	1.63	YES	
L0000847	0	0.11130E-07	480734.4	3770547.6	375.4	3.50	4.00	1.63	YES	
L0000848	0	0.11130E-07	480734.5	3770556.2	375.4	3.50	4.00	1.63	YES	
L0000849	0	0.11130E-07	480734.5	3770564.8	375.4	3.50	4.00	1.63	YES	
L0000850	0	0.11130E-07	480734.6	3770573.4	375.3	3.50	4.00	1.63	YES	
L0000851	0	0.11130E-07	480734.6	3770582.0	375.3	3.50	4.00	1.63	YES	
L0000852	0	0.11130E-07	480734.6	3770590.6	375.2	3.50	4.00	1.63	YES	
L0000853	0	0.11130E-07	480734.7	3770599.2	375.2	3.50	4.00	1.63	YES	
L0000854	0	0.11130E-07	480734.7	3770607.8	375.1	3.50	4.00	1.63	YES	
L0000855	0	0.11130E-07	480734.7	3770616.4	375.1	3.50	4.00	1.63	YES	
L0000856	0	0.11130E-07	480734.8	3770625.0	375.1	3.50	4.00	1.63	YES	
L0000857	0	0.11130E-07	480734.8	3770633.6	375.0	3.50	4.00	1.63	YES	
L0000858	0	0.11130E-07	480734.8	3770642.1	375.0	3.50	4.00	1.63	YES	
L0000859	0	0.11130E-07	480734.9	3770650.7	375.0	3.50	4.00	1.63	YES	
L0000860	0	0.11130E-07	480734.9	3770659.3	375.0	3.50	4.00	1.63	YES	
L0000861	0	0.11130E-07	480735.0	3770667.9	374.9	3.50	4.00	1.63	YES	
L0000862	0	0.11130E-07	480735.0	3770676.5	374.9	3.50	4.00	1.63	YES	
L0000863	0	0.11130E-07	480735.0	3770685.1	374.9	3.50	4.00	1.63	YES	
L0000864	0	0.11130E-07	480735.1	3770693.7	374.9	3.50	4.00	1.63	YES	
L0000865	0	0.11130E-07	480735.1	3770702.3	374.8	3.50	4.00	1.63	YES	
L0000866	0	0.11130E-07	480735.1	3770710.9	374.8	3.50	4.00	1.63	YES	
L0000867	0	0.11130E-07	480735.2	3770719.5	374.8	3.50	4.00	1.63	YES	
L0000868	0	0.11130E-07	480735.2	3770728.1	374.7	3.50	4.00	1.63	YES	
L0000869	0	0.11130E-07	480735.2	3770736.6	374.7	3.50	4.00	1.63	YES	
L0000870	0	0.11130E-07	480735.3	3770745.2	374.6	3.50	4.00	1.63	YES	
L0000871	0	0.11130E-07	480735.3	3770753.8	374.6	3.50	4.00	1.63	YES	
L0000872	0	0.11130E-07	480735.4	3770762.4	374.5	3.50	4.00	1.63	YES	
L0000873	0	0.11130E-07	480735.4	3770771.0	374.5	3.50	4.00	1.63	YES	
L0000874	0	0.11130E-07	480735.4	3770779.6	374.4	3.50	4.00	1.63	YES	
L0000875	0	0.11130E-07	480735.5	3770788.2	374.4	3.50	4.00	1.63	YES	
L0000876	0	0.11130E-07	480735.5	3770796.8	374.4	3.50	4.00	1.63	YES	
L0000877	0	0.11130E-07	480735.5	3770805.4	374.4	3.50	4.00	1.63	YES	
L0000878	0	0.11130E-07	480735.6	3770814.0	374.5	3.50	4.00	1.63	YES	
L0000879	0	0.11130E-07	480735.6	3770822.5	374.5	3.50	4.00	1.63	YES	
L0000880	0	0.11130E-07	480735.6	3770831.1	374.5	3.50	4.00	1.63	YES	
L0000881	0	0.11130E-07	480735.7	3770839.7	374.6	3.50	4.00	1.63	YES	
L0000882	0	0.11130E-07	480735.7	3770848.3	374.6	3.50	4.00	1.63	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
L0000883	0	0.11130E-07	480735.8	3770856.9	374.6	3.50	4.00	1.63	YES	
L0000884	0	0.11130E-07	480735.8	3770865.5	374.7	3.50	4.00	1.63	YES	
L0000885	0	0.11130E-07	480735.8	3770874.1	374.7	3.50	4.00	1.63	YES	
L0000886	0	0.11130E-07	480735.9	3770882.7	374.7	3.50	4.00	1.63	YES	
L0000887	0	0.11130E-07	480735.9	3770891.3	374.8	3.50	4.00	1.63	YES	
L0000888	0	0.11130E-07	480735.9	3770899.9	374.8	3.50	4.00	1.63	YES	
L0000889	0	0.11130E-07	480736.0	3770908.5	374.8	3.50	4.00	1.63	YES	
L0000890	0	0.11130E-07	480736.0	3770917.0	374.8	3.50	4.00	1.63	YES	
L0000891	0	0.11130E-07	480736.0	3770925.6	374.9	3.50	4.00	1.63	YES	
L0000892	0	0.11130E-07	480736.1	3770934.2	374.9	3.50	4.00	1.63	YES	
L0000893	0	0.11130E-07	480736.1	3770942.8	374.9	3.50	4.00	1.63	YES	
L0000894	0	0.11130E-07	480736.2	3770951.4	374.9	3.50	4.00	1.63	YES	
L0000895	0	0.11130E-07	480736.2	3770960.0	374.8	3.50	4.00	1.63	YES	
L0000896	0	0.11130E-07	480736.2	3770968.6	374.8	3.50	4.00	1.63	YES	
L0000897	0	0.11130E-07	480736.3	3770977.2	374.8	3.50	4.00	1.63	YES	
L0000898	0	0.11130E-07	480736.3	3770985.8	374.8	3.50	4.00	1.63	YES	
L0000899	0	0.11130E-07	480736.3	3770994.4	374.7	3.50	4.00	1.63	YES	
L0000900	0	0.11130E-07	480736.4	3771003.0	374.7	3.50	4.00	1.63	YES	
L0000901	0	0.11130E-07	480736.4	3771011.5	374.7	3.50	4.00	1.63	YES	
L0000902	0	0.11130E-07	480736.4	3771020.1	374.8	3.50	4.00	1.63	YES	
L0000903	0	0.11130E-07	480736.5	3771028.7	374.8	3.50	4.00	1.63	YES	
L0000904	0	0.11100E-07	480733.7	3770366.0	376.0	3.50	4.00	1.63	YES	
L0000905	0	0.11100E-07	480733.8	3770357.4	376.0	3.50	4.00	1.63	YES	
L0000906	0	0.11100E-07	480733.9	3770348.8	376.0	3.50	4.00	1.63	YES	
L0000907	0	0.11100E-07	480734.0	3770340.2	376.1	3.50	4.00	1.63	YES	
L0000908	0	0.11100E-07	480734.0	3770331.6	376.1	3.50	4.00	1.63	YES	
L0000909	0	0.11100E-07	480734.1	3770323.0	376.1	3.50	4.00	1.63	YES	
L0000910	0	0.11100E-07	480734.2	3770314.5	376.1	3.50	4.00	1.63	YES	
L0000911	0	0.11100E-07	480734.3	3770305.9	376.2	3.50	4.00	1.63	YES	
L0000912	0	0.11100E-07	480734.3	3770297.3	376.2	3.50	4.00	1.63	YES	
L0000913	0	0.11100E-07	480734.4	3770288.7	376.2	3.50	4.00	1.63	YES	
L0000914	0	0.11100E-07	480734.5	3770280.1	376.3	3.50	4.00	1.63	YES	
L0000915	0	0.11100E-07	480734.5	3770271.5	376.3	3.50	4.00	1.63	YES	
L0000916	0	0.11100E-07	480734.6	3770262.9	376.3	3.50	4.00	1.63	YES	
L0000917	0	0.11100E-07	480734.7	3770254.3	376.4	3.50	4.00	1.63	YES	
L0000918	0	0.11100E-07	480734.8	3770245.7	376.4	3.50	4.00	1.63	YES	
L0000919	0	0.11100E-07	480734.8	3770237.1	376.4	3.50	4.00	1.63	YES	
L0000920	0	0.11100E-07	480734.9	3770228.6	376.5	3.50	4.00	1.63	YES	
L0000921	0	0.11100E-07	480735.0	3770220.0	376.5	3.50	4.00	1.63	YES	
L0000922	0	0.11100E-07	480735.1	3770211.4	376.6	3.50	4.00	1.63	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
L0000923	0	0.11100E-07	480735.1	3770202.8	376.6	3.50	4.00	1.63	YES	
L0000924	0	0.11100E-07	480735.2	3770194.2	376.6	3.50	4.00	1.63	YES	
L0000925	0	0.11100E-07	480735.3	3770185.6	376.7	3.50	4.00	1.63	YES	
L0000926	0	0.11100E-07	480735.4	3770177.0	376.7	3.50	4.00	1.63	YES	
L0000927	0	0.11100E-07	480735.4	3770168.4	376.7	3.50	4.00	1.63	YES	
L0000928	0	0.11100E-07	480735.5	3770159.8	376.7	3.50	4.00	1.63	YES	
L0000929	0	0.11100E-07	480735.6	3770151.2	376.7	3.50	4.00	1.63	YES	
L0000930	0	0.11100E-07	480735.6	3770142.6	376.7	3.50	4.00	1.63	YES	
L0000931	0	0.11100E-07	480735.7	3770134.1	376.7	3.50	4.00	1.63	YES	
L0000932	0	0.11100E-07	480735.8	3770125.5	376.7	3.50	4.00	1.63	YES	
L0000933	0	0.11100E-07	480735.9	3770116.9	376.7	3.50	4.00	1.63	YES	
L0000934	0	0.11100E-07	480735.9	3770108.3	376.7	3.50	4.00	1.63	YES	
L0000935	0	0.11100E-07	480736.0	3770099.7	376.7	3.50	4.00	1.63	YES	
L0000936	0	0.11100E-07	480736.1	3770091.1	376.7	3.50	4.00	1.63	YES	
L0000937	0	0.11100E-07	480736.2	3770082.5	376.7	3.50	4.00	1.63	YES	
L0000938	0	0.11100E-07	480736.2	3770073.9	376.7	3.50	4.00	1.63	YES	
L0000939	0	0.11100E-07	480736.3	3770065.3	376.7	3.50	4.00	1.63	YES	
L0000940	0	0.11100E-07	480736.4	3770056.7	376.6	3.50	4.00	1.63	YES	
L0000941	0	0.11100E-07	480736.5	3770048.1	376.6	3.50	4.00	1.63	YES	
L0000942	0	0.11100E-07	480736.5	3770039.6	376.6	3.50	4.00	1.63	YES	
L0000943	0	0.11100E-07	480736.6	3770031.0	376.6	3.50	4.00	1.63	YES	
L0000944	0	0.11100E-07	480736.7	3770022.4	376.6	3.50	4.00	1.63	YES	
L0000945	0	0.11100E-07	480736.8	3770013.8	376.6	3.50	4.00	1.63	YES	
L0000946	0	0.11100E-07	480736.8	3770005.2	376.6	3.50	4.00	1.63	YES	
L0000947	0	0.11100E-07	480736.9	3769996.6	376.6	3.50	4.00	1.63	YES	
L0000948	0	0.11100E-07	480737.0	3769988.0	376.6	3.50	4.00	1.63	YES	
L0000949	0	0.11100E-07	480737.0	3769979.4	376.6	3.50	4.00	1.63	YES	
L0000950	0	0.11100E-07	480737.1	3769970.8	376.6	3.50	4.00	1.63	YES	
L0000951	0	0.11100E-07	480737.2	3769962.2	376.6	3.50	4.00	1.63	YES	
L0000952	0	0.11100E-07	480737.3	3769953.7	376.6	3.50	4.00	1.63	YES	
L0000953	0	0.11100E-07	480737.3	3769945.1	376.6	3.50	4.00	1.63	YES	
L0000954	0	0.11100E-07	480737.4	3769936.5	376.6	3.50	4.00	1.63	YES	
L0000955	0	0.11100E-07	480737.5	3769927.9	376.6	3.50	4.00	1.63	YES	
L0000956	0	0.11100E-07	480737.6	3769919.3	376.6	3.50	4.00	1.63	YES	
L0000957	0	0.11100E-07	480737.6	3769910.7	376.6	3.50	4.00	1.63	YES	
L0000958	0	0.11100E-07	480737.7	3769902.1	376.6	3.50	4.00	1.63	YES	
L0000959	0	0.11100E-07	480737.8	3769893.5	376.7	3.50	4.00	1.63	YES	
L0000960	0	0.11100E-07	480737.9	3769884.9	376.7	3.50	4.00	1.63	YES	

L0000961	0	0.11100E-07	480737.9	3769876.3	376.7	3.50	4.00	1.63	YES	
L0000962	0	0.11100E-07	480738.0	3769867.8	376.7	3.50	4.00	1.63	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
L0000963	0	0.11100E-07	480738.1	3769859.2	376.7	3.50	4.00	1.63	YES	
L0000964	0	0.11100E-07	480738.1	3769850.6	376.7	3.50	4.00	1.63	YES	
L0000965	0	0.11100E-07	480738.2	3769842.0	376.8	3.50	4.00	1.63	YES	
L0000966	0	0.11100E-07	480738.3	3769833.4	376.8	3.50	4.00	1.63	YES	
L0000967	0	0.11100E-07	480738.4	3769824.8	376.9	3.50	4.00	1.63	YES	
L0000968	0	0.11100E-07	480738.4	3769816.2	376.9	3.50	4.00	1.63	YES	
L0000969	0	0.11100E-07	480738.5	3769807.6	377.0	3.50	4.00	1.63	YES	
L0000970	0	0.11100E-07	480738.6	3769799.0	377.1	3.50	4.00	1.63	YES	
L0000971	0	0.11100E-07	480738.7	3769790.4	377.4	3.50	4.00	1.63	YES	
L0000972	0	0.11100E-07	480738.7	3769781.8	377.6	3.50	4.00	1.63	YES	
L0000973	0	0.11100E-07	480738.8	3769773.3	377.8	3.50	4.00	1.63	YES	
L0000974	0	0.11100E-07	480738.9	3769764.7	378.1	3.50	4.00	1.63	YES	
L0000975	0	0.11100E-07	480739.0	3769756.1	378.4	3.50	4.00	1.63	YES	
L0000976	0	0.11100E-07	480739.0	3769747.5	378.8	3.50	4.00	1.63	YES	
L0000977	0	0.11100E-07	480739.1	3769738.9	379.1	3.50	4.00	1.63	YES	
L0000978	0	0.11100E-07	480739.2	3769730.3	379.5	3.50	4.00	1.63	YES	
L0000979	0	0.11100E-07	480739.2	3769721.7	379.9	3.50	4.00	1.63	YES	
L0000980	0	0.11100E-07	480739.3	3769713.1	380.3	3.50	4.00	1.63	YES	
L0000981	0	0.11100E-07	480739.4	3769704.5	380.7	3.50	4.00	1.63	YES	
L0000982	0	0.11100E-07	480739.5	3769695.9	381.1	3.50	4.00	1.63	YES	
L0000983	0	0.11100E-07	480739.5	3769687.3	381.5	3.50	4.00	1.63	YES	
L0000984	0	0.11100E-07	480739.6	3769678.8	381.9	3.50	4.00	1.63	YES	
L0000985	0	0.11100E-07	480739.7	3769670.2	382.2	3.50	4.00	1.63	YES	
L0000986	0	0.11100E-07	480739.8	3769661.6	382.6	3.50	4.00	1.63	YES	
L0000987	0	0.11100E-07	480739.8	3769653.0	383.0	3.50	4.00	1.63	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

```
-----------                                          ----------

 ALL        STCK1      , STCK2      , STCK3      , STCK4      , STCK5      , L0000763   , L0000764   , L0000765   ,
            L0000766   , L0000767   , L0000768   , L0000769   , L0000770   , L0000771   , L0000772   , L0000773   ,
            L0000774   , L0000775   , L0000776   , L0000777   , L0000778   , L0000779   , L0000780   , L0000781   ,
            L0000782   , L0000783   , L0000784   , L0000785   , L0000786   , L0000787   , L0000788   , L0000789   ,
            L0000790   , L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
            L0000798   , L0000799   , L0000800   , L0000801   , L0000802   , L0000803   , L0000804   , L0000805   ,
            L0000806   , L0000807   , L0000808   , L0000809   , L0000810   , L0000811   , L0000812   , L0000813   ,
            L0000814   , L0000815   , L0000816   , L0000817   , L0000818   , L0000819   , L0000820   , L0000821   ,
            L0000822   , L0000823   , L0000824   , L0000825   , L0000826   , L0000827   , L0000828   , L0000829   ,
            L0000830   , L0000831   , L0000832   , L0000833   , L0000834   , L0000835   , L0000836   , L0000837   ,
            L0000838   , L0000839   , L0000840   , L0000841   , L0000842   , L0000843   , L0000844   , L0000845   ,
            L0000846   , L0000847   , L0000848   , L0000849   , L0000850   , L0000851   , L0000852   , L0000853   ,
            L0000854   , L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
            L0000862   , L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
            L0000870   , L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
            L0000878   , L0000879   , L0000880   , L0000881   , L0000882   , L0000883   , L0000884   , L0000885   ,
            L0000886   , L0000887   , L0000888   , L0000889   , L0000890   , L0000891   , L0000892   , L0000893   ,
            L0000894   , L0000895   , L0000896   , L0000897   , L0000898   , L0000899   , L0000900   , L0000901   ,
            L0000902   , L0000903   , L0000904   , L0000905   , L0000906   , L0000907   , L0000908   , L0000909   ,
            L0000910   , L0000911   , L0000912   , L0000913   , L0000914   , L0000915   , L0000916   , L0000917   ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

            L0000918    , L0000919    , L0000920    , L0000921    , L0000922    , L0000923    , L0000924    , L0000925    ,
            L0000926    , L0000927    , L0000928    , L0000929    , L0000930    , L0000931    , L0000932    , L0000933    ,
            L0000934    , L0000935    , L0000936    , L0000937    , L0000938    , L0000939    , L0000940    , L0000941    ,
            L0000942    , L0000943    , L0000944    , L0000945    , L0000946    , L0000947    , L0000948    , L0000949    ,
            L0000950    , L0000951    , L0000952    , L0000953    , L0000954    , L0000955    , L0000956    , L0000957    ,
            L0000958    , L0000959    , L0000960    , L0000961    , L0000962    , L0000963    , L0000964    , L0000965    ,
            L0000966    , L0000967    , L0000968    , L0000969    , L0000970    , L0000971    , L0000972    , L0000973    ,
            L0000974    , L0000975    , L0000976    , L0000977    , L0000978    , L0000979    , L0000980    , L0000981    ,
            L0000982    , L0000983    , L0000984    , L0000985    , L0000986    , L0000987    ,

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 1st 14YR                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2027-40                                               ***        13:49:17
                                                                                                               PAGE  11
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

             2035210.   STCK1       , STCK2       , STCK3       , STCK4       , STCK5       , L0000763    , L0000764    ,
L0000765    ,
            L0000766    , L0000767    , L0000768    , L0000769    , L0000770    , L0000771    , L0000772    , L0000773    ,
            L0000774    , L0000775    , L0000776    , L0000777    , L0000778    , L0000779    , L0000780    , L0000781    ,
            L0000782    , L0000783    , L0000784    , L0000785    , L0000786    , L0000787    , L0000788    , L0000789    ,
            L0000790    , L0000791    , L0000792    , L0000793    , L0000794    , L0000795    , L0000796    , L0000797    ,
            L0000798    , L0000799    , L0000800    , L0000801    , L0000802    , L0000803    , L0000804    , L0000805    ,
            L0000806    , L0000807    , L0000808    , L0000809    , L0000810    , L0000811    , L0000812    , L0000813    ,
            L0000814    , L0000815    , L0000816    , L0000817    , L0000818    , L0000819    , L0000820    , L0000821    ,
```

L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 ,

L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 ,

L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 ,

L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 ,

L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,

L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,

L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,

L0000878 , L0000879 , L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 ,

L0000886 , L0000887 , L0000888 , L0000889 , L0000890 , L0000891 , L0000892 , L0000893 ,

L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 ,

L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 ,

L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0000918 , L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 ,

L0000926 , L0000927 , L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 ,

L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 ,

L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 ,

L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 ,

L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 ,

L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 ,

L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-127.1,	-81.3,	2	10.7,	178.2,	197.9,	-115.5,	-85.8,
3	10.7,	195.4,	201.7,	-100.3,	-87.9,	4	10.7,	206.7,	199.4,	-82.2,	-87.3,
5	10.7,	211.8,	191.0,	-61.5,	-84.0,	6	10.7,	210.4,	176.8,	-39.0,	-78.2,
7	10.7,	202.6,	157.3,	-15.2,	-70.0,	8	10.7,	189.5,	132.9,	9.0,	-60.2,
9	10.7,	172.6,	129.3,	10.0,	-48.5,	10	10.7,	188.1,	155.8,	3.4,	-33.0,
11	10.7,	197.9,	178.2,	-3.2,	-16.5,	12	10.7,	201.7,	195.4,	-9.8,	0.5,
13	10.7,	199.4,	206.7,	-16.1,	17.5,	14	10.7,	191.0,	211.8,	-21.9,	34.0,
15	10.7,	176.8,	210.4,	-27.0,	49.4,	16	10.7,	157.3,	202.6,	-31.3,	63.4,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	10.7,	155.8,	188.1,	-61.0,	81.3,	20	10.7,	178.2,	197.9,	-82.5,	85.8,
21	10.7,	195.4,	201.7,	-101.4,	87.9,	22	10.7,	206.7,	199.4,	-117.2,	87.3,
23	10.7,	211.8,	191.0,	-129.5,	84.0,	24	10.7,	210.4,	176.8,	-137.9,	78.2,
25	10.7,	202.6,	157.3,	-142.0,	70.0,	26	10.7,	189.5,	132.9,	-141.9,	60.2,
27	10.7,	172.6,	129.3,	-139.3,	48.5,	28	10.7,	188.1,	155.8,	-159.2,	33.0,
29	10.7,	197.9,	178.2,	-174.9,	16.5,	30	10.7,	201.7,	195.4,	-185.6,	-0.5,
31	10.7,	199.4,	206.7,	-190.7,	-17.5,	32	10.7,	191.0,	211.8,	-189.9,	-34.0,
33	10.7,	176.8,	210.4,	-183.4,	-49.4,	34	10.7,	157.3,	202.6,	-171.4,	-63.4,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-110.3,	-53.0,	2	10.7,	178.2,	197.9,	-103.9,	-55.0,
3	10.7,	195.4,	201.7,	-94.3,	-55.5,	4	10.7,	206.7,	199.4,	-81.8,	-54.3,
5	10.7,	211.8,	191.0,	-66.9,	-51.5,	6	10.7,	210.4,	176.8,	-49.9,	-47.1,
7	10.7,	202.6,	157.3,	-31.4,	-41.3,	8	10.7,	189.5,	132.9,	-12.0,	-34.7,
9	10.7,	172.6,	129.3,	-15.0,	-27.1,	10	10.7,	188.1,	155.8,	-24.9,	-16.2,
11	10.7,	197.9,	178.2,	-34.1,	-4.9,	12	10.7,	201.7,	195.4,	-42.2,	6.6,
13	10.7,	199.4,	206.7,	-49.0,	17.9,	14	10.7,	191.0,	211.8,	-54.4,	28.6,
15	10.7,	176.8,	210.4,	-58.0,	38.5,	16	10.7,	157.3,	202.6,	-60.0,	47.2,
17	10.7,	132.9,	189.5,	-60.1,	54.5,	18	10.7,	129.3,	172.6,	-59.2,	49.6,
19	10.7,	155.8,	188.1,	-77.8,	53.0,	20	10.7,	178.2,	197.9,	-94.1,	55.0,
21	10.7,	195.4,	201.7,	-107.5,	55.5,	22	10.7,	206.7,	199.4,	-117.6,	54.3,
23	10.7,	211.8,	191.0,	-124.1,	51.5,	24	10.7,	210.4,	176.8,	-126.9,	47.1,
25	10.7,	202.6,	157.3,	-125.9,	41.3,	26	10.7,	189.5,	132.9,	-121.0,	34.7,
27	10.7,	172.6,	129.3,	-114.3,	27.1,	28	10.7,	188.1,	155.8,	-130.9,	16.2,
29	10.7,	197.9,	178.2,	-144.1,	4.9,	30	10.7,	201.7,	195.4,	-153.2,	-6.6,
31	10.7,	199.4,	206.7,	-157.7,	-17.9,	32	10.7,	191.0,	211.8,	-157.4,	-28.6,

33	10.7,	176.8,	210.4,	-152.4,	-38.5,	34	10.7,	157.3,	202.6,	-142.6,	-47.2,
35	10.7,	132.9,	189.5,	-129.5,	-54.5,	36	10.7,	129.3,	172.6,	-113.4,	-49.6,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-82.5,	-48.5,	2	10.7,	178.2,	197.9,	-77.2,	-45.7,
3	10.7,	195.4,	201.7,	-69.6,	-41.8,	4	10.7,	206.7,	199.4,	-59.9,	-36.5,
5	10.7,	211.8,	191.0,	-48.4,	-30.2,	6	10.7,	210.4,	176.8,	-35.4,	-22.9,
7	10.7,	202.6,	157.3,	-21.4,	-15.0,	8	10.7,	189.5,	132.9,	-6.6,	-7.0,
9	10.7,	172.6,	129.3,	-14.6,	1.1,	10	10.7,	188.1,	155.8,	-29.4,	11.6,
11	10.7,	197.9,	178.2,	-43.3,	21.7,	12	10.7,	201.7,	195.4,	-55.9,	31.2,
13	10.7,	199.4,	206.7,	-66.8,	39.8,	14	10.7,	191.0,	211.8,	-75.7,	47.1,
15	10.7,	176.8,	210.4,	-82.3,	53.0,	16	10.7,	157.3,	202.6,	-86.3,	57.3,
17	10.7,	132.9,	189.5,	-87.8,	59.8,	18	10.7,	129.3,	172.6,	-87.4,	50.1,
19	10.7,	155.8,	188.1,	-105.7,	48.5,	20	10.7,	178.2,	197.9,	-120.7,	45.7,
21	10.7,	195.4,	201.7,	-132.1,	41.8,	22	10.7,	206.7,	199.4,	-139.5,	36.5,
23	10.7,	211.8,	191.0,	-142.6,	30.2,	24	10.7,	210.4,	176.8,	-141.4,	22.9,
25	10.7,	202.6,	157.3,	-135.9,	15.0,	26	10.7,	189.5,	132.9,	-126.3,	7.0,
27	10.7,	172.6,	129.3,	-114.7,	-1.1,	28	10.7,	188.1,	155.8,	-126.4,	-11.6,
29	10.7,	197.9,	178.2,	-134.8,	-21.7,	30	10.7,	201.7,	195.4,	-139.5,	-31.2,
31	10.7,	199.4,	206.7,	-139.9,	-39.8,	32	10.7,	191.0,	211.8,	-136.1,	-47.1,
33	10.7,	176.8,	210.4,	-128.1,	-53.0,	34	10.7,	157.3,	202.6,	-116.3,	-57.3,
35	10.7,	132.9,	189.5,	-101.8,	-59.8,	36	10.7,	129.3,	172.6,	-85.2,	-50.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-52.4,	-41.7,	2	10.7,	178.2,	197.9,	-48.8,	-33.8,
3	10.7,	195.4,	201.7,	-43.7,	-25.1,	4	10.7,	206.7,	199.4,	-37.3,	-15.6,
5	10.7,	211.8,	191.0,	-29.8,	-5.7,	6	10.7,	210.4,	176.8,	-21.3,	4.5,
7	10.7,	202.6,	157.3,	-12.2,	14.4,	8	10.7,	189.5,	132.9,	-2.8,	23.6,
9	10.7,	172.6,	129.3,	-16.1,	31.9,	10	10.7,	188.1,	155.8,	-36.2,	41.6,
11	10.7,	197.9,	178.2,	-55.2,	50.1,	12	10.7,	201.7,	195.4,	-72.6,	57.1,
13	10.7,	199.4,	206.7,	-87.8,	62.4,	14	10.7,	191.0,	211.8,	-100.2,	65.7,
15	10.7,	176.8,	210.4,	-109.6,	67.1,	16	10.7,	157.3,	202.6,	-115.8,	66.4,
17	10.7,	132.9,	189.5,	-118.3,	63.7,	18	10.7,	129.3,	172.6,	-118.2,	48.6,
19	10.7,	155.8,	188.1,	-135.7,	41.7,	20	10.7,	178.2,	197.9,	-149.1,	33.8,
21	10.7,	195.4,	201.7,	-158.0,	25.1,	22	10.7,	206.7,	199.4,	-162.1,	15.6,
23	10.7,	211.8,	191.0,	-161.2,	5.7,	24	10.7,	210.4,	176.8,	-155.5,	-4.5,
25	10.7,	202.6,	157.3,	-145.0,	-14.4,	26	10.7,	189.5,	132.9,	-130.2,	-23.6,
27	10.7,	172.6,	129.3,	-113.2,	-31.9,	28	10.7,	188.1,	155.8,	-119.6,	-41.6,
29	10.7,	197.9,	178.2,	-122.9,	-50.1,	30	10.7,	201.7,	195.4,	-122.8,	-57.1,
31	10.7,	199.4,	206.7,	-119.0,	-62.4,	32	10.7,	191.0,	211.8,	-111.6,	-65.7,
33	10.7,	176.8,	210.4,	-100.8,	-67.1,	34	10.7,	157.3,	202.6,	-86.9,	-66.4,
35	10.7,	132.9,	189.5,	-71.2,	-63.7,	36	10.7,	129.3,	172.6,	-54.4,	-48.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-24.0,	-37.8,	2	10.7,	178.2,	197.9,	-21.6,	-25.0,
3	10.7,	195.4,	201.7,	-18.4,	-11.7,	4	10.7,	206.7,	199.4,	-14.7,	2.0,
5	10.7,	211.8,	191.0,	-10.6,	15.6,	6	10.7,	210.4,	176.8,	-6.1,	28.7,
7	10.7,	202.6,	157.3,	-1.4,	41.0,	8	10.7,	189.5,	132.9,	3.2,	51.6,
9	10.7,	172.6,	129.3,	-15.0,	60.5,	10	10.7,	188.1,	155.8,	-40.1,	70.0,
11	10.7,	197.9,	178.2,	-64.0,	77.4,	12	10.7,	201.7,	195.4,	-86.0,	82.5,
13	10.7,	199.4,	206.7,	-105.3,	85.0,	14	10.7,	191.0,	211.8,	-121.5,	84.9,
15	10.7,	176.8,	210.4,	-133.9,	82.3,	16	10.7,	157.3,	202.6,	-142.3,	77.2,
17	10.7,	132.9,	189.5,	-146.3,	69.7,	18	10.7,	129.3,	172.6,	-146.8,	49.6,
19	10.7,	155.8,	188.1,	-164.1,	37.8,	20	10.7,	178.2,	197.9,	-176.4,	25.0,
21	10.7,	195.4,	201.7,	-183.3,	11.7,	22	10.7,	206.7,	199.4,	-184.7,	-2.0,
23	10.7,	211.8,	191.0,	-180.5,	-15.6,	24	10.7,	210.4,	176.8,	-170.7,	-28.7,
25	10.7,	202.6,	157.3,	-155.8,	-41.0,	26	10.7,	189.5,	132.9,	-136.2,	-51.6,
27	10.7,	172.6,	129.3,	-114.3,	-60.5,	28	10.7,	188.1,	155.8,	-115.7,	-70.0,
29	10.7,	197.9,	178.2,	-114.1,	-77.4,	30	10.7,	201.7,	195.4,	-109.4,	-82.5,
31	10.7,	199.4,	206.7,	-101.4,	-85.0,	32	10.7,	191.0,	211.8,	-90.3,	-84.9,
33	10.7,	176.8,	210.4,	-76.5,	-82.3,	34	10.7,	157.3,	202.6,	-60.3,	-77.2,
35	10.7,	132.9,	189.5,	-43.2,	-69.7,	36	10.7,	129.3,	172.6,	-25.8,	-49.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

479883.5, 479933.5, 479983.5, 480033.5, 480083.5, 480133.5, 480183.5, 480233.5, 480283.5, 480333.5,
480383.5, 480433.5, 480483.5, 480533.5, 480583.5, 480633.5, 480683.5, 480733.5, 480783.5, 480833.5,
480883.5,

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

3769867.4, 3769917.4, 3769967.4, 3770017.4, 3770067.4, 3770117.4, 3770167.4, 3770217.4, 3770267.4, 3770317.4,
3770367.4, 3770417.4, 3770467.4, 3770517.4, 3770567.4, 3770617.4, 3770667.4, 3770717.4, 3770767.4, 3770817.4,
3770867.4,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	359.90	362.60	364.60	364.70	364.70	364.70	366.90	367.50	367.80
3770817.38	361.10	363.10	364.20	364.50	365.20	365.90	367.40	367.90	368.20
3770767.38	362.80	363.60	364.50	365.10	365.80	366.50	367.30	367.90	368.30
3770717.38	362.80	363.70	364.40	365.10	365.80	366.50	367.20	367.70	368.10
3770667.38	362.70	363.70	364.40	365.00	365.80	366.50	367.30	367.80	368.30
3770617.38	362.60	363.90	364.50	365.20	365.90	366.60	367.30	367.70	368.10
3770567.38	362.70	363.90	364.50	365.30	365.80	366.30	366.90	367.30	367.80
3770517.38	362.80	363.80	363.10	365.80	365.80	366.10	366.60	367.10	367.40
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	366.40	366.70	367.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	366.50	366.80
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	367.70
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	368.00	368.80	369.40	370.10	371.20	372.80	373.10	373.90	374.70
3770817.38	368.40	369.00	369.60	370.40	371.10	372.90	373.00	373.60	374.40
3770767.38	368.90	369.50	370.10	370.80	371.60	372.50	373.20	373.90	374.50
3770717.38	368.90	370.00	370.50	371.10	371.90	372.70	373.80	374.40	374.80

3770667.38	369.10	370.40	370.40	370.70	371.70	372.80	373.80	374.00	374.90
3770617.38	369.20	370.30	370.10	370.60	371.30	372.40	373.10	373.60	375.10
3770567.38	368.80	369.30	369.60	369.80	370.80	372.20	373.00	373.70	375.30
3770517.38	367.90	368.10	368.30	368.80	369.80	372.00	373.00	373.70	375.50
3770467.38	367.30	367.60	367.90	368.50	369.70	371.90	373.00	373.70	375.60
3770417.38	367.10	367.40	367.60	368.30	370.10	372.50	373.90	374.10	375.80
3770367.38	368.30	368.90	369.60	370.40	371.90	373.30	374.30	375.00	376.00
3770317.38	368.20	369.40	370.10	370.90	372.10	373.80	374.30	374.60	376.10
3770267.38	368.00	369.60	370.20	371.10	372.10	373.70	374.20	374.70	376.30
3770217.38	368.00	369.90	370.60	371.50	372.40	374.20	374.40	375.20	376.50
3770167.38	369.10	370.40	371.30	372.00	372.90	374.30	374.60	375.50	376.70
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	374.70	376.00	376.70
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	376.00	376.60
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	376.60
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	375.40	376.20	376.40
3770817.38	374.90	376.70	376.90
3770767.38	374.70	376.10	376.90
3770717.38	375.40	376.10	377.30
3770667.38	375.80	376.30	377.20
3770617.38	374.60	375.80	376.40
3770567.38	373.40	374.90	376.40
3770517.38	373.70	376.50	377.00
3770467.38	374.20	376.90	377.40
3770417.38	374.90	376.90	377.50
3770367.38	376.20	377.00	377.80
3770317.38	376.40	377.40	378.80
3770267.38	376.80	377.40	378.00
3770217.38	377.90	378.20	377.90
3770167.38	378.10	378.50	378.40
3770117.38	377.70	378.00	378.10
3770067.38	377.90	378.20	378.60
3770017.38	378.10	378.90	379.50
3769967.38	377.30	377.90	378.70
3769917.38	377.40	377.80	378.40

3769867.38	377.20	377.90	378.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	1409.60	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	362.60	363.90	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00
3770567.38	362.70	363.90	364.50	365.30	2396.90	2396.90	2397.00	2397.00	2397.00
3770517.38	362.80	363.80	363.10	365.80	365.80	2396.90	2396.90	2397.00	2397.00
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	2396.90	2397.00	2397.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	2396.90	2397.00
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	2396.90
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00

3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770367.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770317.38	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770267.38	368.00	369.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770217.38	368.00	369.90	370.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770167.38	369.10	370.40	371.30	372.00	2396.90	2396.90	2397.00	2397.00	2397.00
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	2396.90	2397.00	2397.00
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	2396.90	2397.00
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	2396.90
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00
3770367.38	2397.00	2397.00	2397.00
3770317.38	2397.00	2397.00	2397.00
3770267.38	2397.00	2397.00	2397.00
3770217.38	2397.00	2397.00	2397.00
3770167.38	2397.00	2397.00	2397.00
3770117.38	2397.00	2397.00	2397.00
3770067.38	2397.00	2397.00	2397.00

```
 3770017.38 |       2396.90      2397.00      2397.00
 3769967.38 |       2396.90      2396.90      2397.00
 3769917.38 |        377.40       377.80      2396.90
 3769867.38 |        377.20       377.90       378.40
```


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

```
   ( 480373.4, 3770154.8,     370.3,     370.3,       0.0);        ( 480335.6, 3770154.8,     369.6,     369.6,       0.0);
   ( 480308.2, 3770150.3,     369.3,     369.3,       0.0);        ( 480281.3, 3770152.4,     368.9,     368.9,       0.0);
   ( 480245.5, 3770152.8,     368.7,     368.7,       0.0);        ( 480378.7, 3770067.4,     370.8,     370.8,       0.0);
   ( 480062.0, 3770132.0,     365.9,     365.9,       0.0);        ( 480813.9, 3770460.3,     376.8,    2397.0,       0.0);
   ( 480301.8, 3770594.8,     368.2,    2397.0,       0.0);
```


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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000787	480383.5	3770367.4	0.03
L0000792	480433.5	3770367.4	0.34
L0000793	480433.5	3770367.4	0.64
L0000798	480483.5	3770367.4	-0.30
L0000804	480533.5	3770367.4	-0.68
L0000810	480583.5	3770367.4	-0.77
L0000816	480633.5	3770367.4	-0.55
L0000821	480683.5	3770367.4	0.47
L0000822	480683.5	3770367.4	-0.06
L0000827	480733.5	3770367.4	-0.31
L0000831	480733.5	3770417.4	-1.41
L0000832	480733.5	3770417.4	-7.15
L0000837	480733.5	3770467.4	-2.93
L0000838	480733.5	3770467.4	-5.60
L0000843	480733.5	3770517.4	-4.43
L0000844	480733.5	3770517.4	-4.04
L0000849	480733.5	3770567.4	-5.87
L0000850	480733.5	3770567.4	-2.48

L0000855	480733.5	3770617.4	-7.04
L0000856	480733.5	3770617.4	-0.92
L0000860	480733.5	3770667.4	-0.43
L0000861	480733.5	3770667.4	-7.09
L0000862	480733.5	3770667.4	0.64
L0000866	480733.5	3770717.4	-1.90
L0000867	480733.5	3770717.4	-5.96
L0000872	480733.5	3770767.4	-3.31
L0000873	480733.5	3770767.4	-4.53
L0000878	480733.5	3770817.4	-4.62
L0000879	480733.5	3770817.4	-3.03
L0000884	480733.5	3770867.4	-5.67
L0000885	480733.5	3770867.4	-1.51
L0000904	480733.5	3770367.4	-7.20
L0000909	480733.5	3770317.4	-2.91
L0000910	480733.5	3770317.4	-5.61
L0000915	480733.5	3770267.4	-4.36
L0000916	480733.5	3770267.4	-4.00
L0000921	480733.5	3770217.4	-5.64
L0000922	480733.5	3770217.4	-2.40
L0000927	480733.5	3770167.4	-6.45
L0000928	480733.5	3770167.4	-0.80

*** 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)
L0000932	480733.5	3770117.4	-0.21
L0000933	480733.5	3770117.4	-6.22
L0000934	480733.5	3770117.4	0.81
L0000938	480733.5	3770067.4	-1.52
L0000939	480733.5	3770067.4	-5.15
L0000944	480733.5	3770017.4	-2.70
L0000945	480733.5	3770017.4	-3.78
L0000950	480733.5	3769967.4	-3.63
L0000951	480733.5	3769967.4	-2.30
L0000956	480733.5	3769917.4	-4.15
L0000957	480733.5	3769917.4	-0.77
L0000962	480733.5	3769867.4	-4.12
L0000963	480733.5	3769867.4	0.79

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

```
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
```

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

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

1.54,   3.09,   5.14,   8.23, 10.80,

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

Surface file: E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC   Met Version: 16216
Profile file: E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.:   3171   Upper air station no.:   3190
Name: UNKNOWN   Name: UNKNOWN
Year: 2012   Year: 2012

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
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5

```
12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10   81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40   72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68   78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80  333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80   72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80  277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70  243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30  274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90  252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90  116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27   79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90   95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90   99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90  110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30   89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90  105.    9.1  285.9    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 1st 14YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2027-40                                                       ***        13:49:17
                                                                                                                      PAGE  27
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
                 L0000763    , L0000764    , L0000765    , L0000766    , L0000767    , L0000768    , L0000769    , L0000770    ,
                 L0000771    , L0000772    , L0000773    , L0000774    , L0000775    , L0000776    , L0000777    , L0000778    ,
                 L0000779    , L0000780    , L0000781    , L0000782    , L0000783    , L0000784    , L0000785    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     479883.54    479933.54    479983.54    480033.54    480083.54    480133.54    480183.54    480233.54    480283.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00003      0.00003      0.00003      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
 3770817.38 |       0.00003      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005      0.00005
 3770767.38 |       0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006
 3770717.38 |       0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00006      0.00007      0.00007
 3770667.38 |       0.00006      0.00006      0.00007      0.00007      0.00007      0.00007      0.00007      0.00008      0.00008
 3770617.38 |       0.00008      0.00008      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009      0.00009
 3770567.38 |       0.00010      0.00011      0.00012      0.00012      0.00012      0.00011      0.00011      0.00011      0.00011
```

3770517.38	0.00013	0.00015	0.00016	0.00017	0.00016	0.00015	0.00015	0.00014	0.00014
3770467.38	0.00017	0.00019	0.00021	0.00023	0.00023	0.00023	0.00021	0.00019	0.00019
3770417.38	0.00018	0.00023	0.00026	0.00031	0.00033	0.00034	0.00033	0.00030	0.00029
3770367.38	0.00018	0.00023	0.00028	0.00035	0.00042	0.00047	0.00052	0.00053	0.00053
3770317.38	0.00016	0.00020	0.00025	0.00032	0.00040	0.00049	0.00060	0.00073	0.00091
3770267.38	0.00012	0.00015	0.00019	0.00024	0.00029	0.00037	0.00047	0.00063	0.00095
3770217.38	0.00009	0.00011	0.00013	0.00016	0.00019	0.00022	0.00027	0.00035	0.00054
3770167.38	0.00007	0.00008	0.00010	0.00011	0.00012	0.00014	0.00017	0.00020	0.00025
3770117.38	0.00006	0.00007	0.00007	0.00008	0.00010	0.00011	0.00013	0.00015	0.00018
3770067.38	0.00005	0.00006	0.00006	0.00007	0.00008	0.00010	0.00011	0.00013	0.00015
3770017.38	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012
3769967.38	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00008	0.00009	0.00010
3769917.38	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00007	0.00008	0.00008
3769867.38	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 ,
L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 ,
L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00008	0.00018
3770817.38	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00009	0.00019
3770767.38	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00010	0.00019
3770717.38	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00008	0.00010	0.00020
3770667.38	0.00008	0.00008	0.00009	0.00009	0.00008	0.00008	0.00009	0.00011	0.00017
3770617.38	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00012	0.00022
3770567.38	0.00012	0.00012	0.00012	0.00013	0.00012	0.00012	0.00012	0.00014	0.00023
3770517.38	0.00014	0.00015	0.00015	0.00016	0.00015	0.00014	0.00014	0.00015	0.00024
3770467.38	0.00019	0.00020	0.00021	0.00021	0.00020	0.00019	0.00018	0.00019	0.00027
3770417.38	0.00030	0.00034	0.00036	0.00036	0.00032	0.00029	0.00027	0.00027	0.00033
3770367.38	0.00062	0.00067	0.00053	0.00064	0.00068	0.00059	0.00056	0.00046	0.00045
3770317.38	0.00109	0.00082	0.00058	0.00053	0.00059	0.00046	0.00038	0.00035	0.00039
3770267.38	0.00117	0.00110	0.00088	0.00072	0.00066	0.00052	0.00041	0.00036	0.00040
3770217.38	0.00084	0.00078	0.00067	0.00061	0.00069	0.00048	0.00039	0.00035	0.00040
3770167.38	0.00037	0.00043	0.00037	0.00038	0.00052	0.00036	0.00032	0.00030	0.00037
3770117.38	0.00022	0.00026	0.00028	0.00030	0.00028	0.00026	0.00025	0.00025	0.00029
3770067.38	0.00017	0.00018	0.00018	0.00019	0.00019	0.00019	0.00019	0.00020	0.00029

```
 3770017.38 |       0.00013      0.00014      0.00013      0.00014      0.00014      0.00015      0.00015      0.00017      0.00026
 3769967.38 |       0.00011      0.00011      0.00011      0.00011      0.00011      0.00012      0.00012      0.00014      0.00024
 3769917.38 |       0.00009      0.00009      0.00009      0.00009      0.00009      0.00010      0.00010      0.00013      0.00022
 3769867.38 |       0.00007      0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00011      0.00021

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 1st 14YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2027-40                                                       ***        13:49:17
                                                                                                                      PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               L0000763    , L0000764    , L0000765    , L0000766    , L0000767    , L0000768    , L0000769    , L0000770    ,
               L0000771    , L0000772    , L0000773    , L0000774    , L0000775    , L0000776    , L0000777    , L0000778    ,
               L0000779    , L0000780    , L0000781    , L0000782    , L0000783    , L0000784    , L0000785    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     480783.54    480833.54    480883.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00009      0.00005      0.00004
 3770817.38 |       0.00009      0.00006      0.00005
 3770767.38 |       0.00010      0.00006      0.00005
 3770717.38 |       0.00010      0.00007      0.00005
 3770667.38 |       0.00011      0.00007      0.00006
 3770617.38 |       0.00011      0.00008      0.00006
 3770567.38 |       0.00012      0.00009      0.00007
 3770517.38 |       0.00014      0.00010      0.00008
 3770467.38 |       0.00016      0.00011      0.00009
 3770417.38 |       0.00018      0.00013      0.00010
 3770367.38 |       0.00022      0.00015      0.00012
 3770317.38 |       0.00024      0.00018      0.00014
 3770267.38 |       0.00026      0.00020      0.00016
 3770217.38 |       0.00026      0.00020      0.00016
 3770167.38 |       0.00024      0.00018      0.00015
 3770117.38 |       0.00021      0.00016      0.00013
 3770067.38 |       0.00018      0.00014      0.00012
 3770017.38 |       0.00016      0.00012      0.00010
 3769967.38 |       0.00014      0.00010      0.00009
 3769917.38 |       0.00013      0.00009      0.00008
 3769867.38 |       0.00012      0.00008      0.00007

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 1st 14YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2027-40                                                       ***        13:49:17
                                                                                                                      PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 ,
L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 ,
L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , . . . ,

*** 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
480373.40	3770154.77	0.00039	480335.59	3770154.77	0.00031
480308.24	3770150.35	0.00025	480281.29	3770152.36	0.00022
480245.49	3770152.76	0.00019	480378.70	3770067.38	0.00018
480061.96	3770132.04	0.00010	480813.93	3770460.26	0.00013
480301.81	3770594.82	0.00010			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 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	0.00117 AT (480333.54, 3770267.38, 368.00, 368.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00110 AT (480383.54, 3770267.38, 369.60, 369.60, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00109 AT (480333.54, 3770317.38, 368.20, 2396.90, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00095 AT (480283.54, 3770267.38, 367.60, 367.60, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00091 AT (480283.54, 3770317.38, 367.60, 367.60, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00088 AT (480433.54, 3770267.38, 370.20, 2396.90, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00084 AT (480333.54, 3770217.38, 368.00, 368.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00082 AT (480383.54, 3770317.38, 369.40, 2396.90, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00078 AT (480383.54, 3770217.38, 369.90, 369.90, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00073 AT (480233.54, 3770317.38, 367.30, 367.30, 0.00)	GC	UCART1

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

```
*** 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            7 Warning Message(s)
A Total of          388 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          191 Calm Hours Identified

A Total of          197 Missing Hours Identified (  0.45 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/4/2022
** File: C:\Lakes\AERMOD View\19518 Almond Avenue Warehouse 2nd 14YR\19518 Almond Avenue Warehouse 2nd 14YR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19518 Almond Avenue Warehouse 2nd 14YR
   TITLETWO DPM Conc 2041-54
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19518 Almond Avenue Warehouse 2nd 14YR.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      480359.400  3770320.660      369.060
** DESCRSRC Entrance/exit gate idling
   LOCATION STCK2        POINT      480384.406  3770299.208      369.510
** DESCRSRC Loading dock idling
   LOCATION STCK3        POINT      480383.979  3770271.008      369.620
** DESCRSRC Loading dock idling
   LOCATION STCK4        POINT      480385.475  3770240.244      369.770
** DESCRSRC Loading dock idling
   LOCATION STCK5        POINT      480384.406  3770211.617      369.960
** DESCRSRC Loading dock idling
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite travel
```

```
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 7.32E-07
** Elevated
** Building Height = 10.67
** SZINIT = 4.96
** Nodes = 2
** 480357.237, 3770364.581, 368.77, 3.50, 4.00
** 480357.740, 3770182.864, 369.59, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000988     VOLUME   480357.249 3770360.285 368.79
   LOCATION L0000989     VOLUME   480357.273 3770351.694 368.94
   LOCATION L0000990     VOLUME   480357.296 3770343.104 368.96
   LOCATION L0000991     VOLUME   480357.320 3770334.513 368.99
   LOCATION L0000992     VOLUME   480357.344 3770325.922 369.01
   LOCATION L0000993     VOLUME   480357.368 3770317.331 369.04
   LOCATION L0000994     VOLUME   480357.391 3770308.741 369.06
   LOCATION L0000995     VOLUME   480357.415 3770300.150 369.09
   LOCATION L0000996     VOLUME   480357.439 3770291.559 369.11
   LOCATION L0000997     VOLUME   480357.463 3770282.968 369.13
   LOCATION L0000998     VOLUME   480357.486 3770274.377 369.15
   LOCATION L0000999     VOLUME   480357.510 3770265.787 369.18
   LOCATION L0001000     VOLUME   480357.534 3770257.196 369.20
   LOCATION L0001001     VOLUME   480357.558 3770248.605 369.24
   LOCATION L0001002     VOLUME   480357.582 3770240.014 369.27
   LOCATION L0001003     VOLUME   480357.605 3770231.424 369.31
   LOCATION L0001004     VOLUME   480357.629 3770222.833 369.37
   LOCATION L0001005     VOLUME   480357.653 3770214.242 369.44
   LOCATION L0001006     VOLUME   480357.677 3770205.651 369.51
   LOCATION L0001007     VOLUME   480357.700 3770197.061 369.59
   LOCATION L0001008     VOLUME   480357.724 3770188.470 369.70
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Almond Ave to Alabama
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.58E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480356.554, 3770375.486, 368.31, 3.50, 4.00
** 480733.408, 3770374.989, 375.95, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001009     VOLUME   480360.849 3770375.480 368.48
   LOCATION L0001010     VOLUME   480369.440 3770375.469 368.57
   LOCATION L0001011     VOLUME   480378.031 3770375.457 368.66
```

```
   LOCATION L0001012     VOLUME   480386.622 3770375.446 368.76
   LOCATION L0001013     VOLUME   480395.212 3770375.435 368.85
   LOCATION L0001014     VOLUME   480403.803 3770375.423 368.95
   LOCATION L0001015     VOLUME   480412.394 3770375.412 369.05
   LOCATION L0001016     VOLUME   480420.985 3770375.401 369.15
   LOCATION L0001017     VOLUME   480429.575 3770375.389 369.25
   LOCATION L0001018     VOLUME   480438.166 3770375.378 369.34
   LOCATION L0001019     VOLUME   480446.757 3770375.367 369.43
   LOCATION L0001020     VOLUME   480455.348 3770375.355 369.52
   LOCATION L0001021     VOLUME   480463.939 3770375.344 369.67
   LOCATION L0001022     VOLUME   480472.529 3770375.333 369.84
   LOCATION L0001023     VOLUME   480481.120 3770375.321 370.01
   LOCATION L0001024     VOLUME   480489.711 3770375.310 370.28
   LOCATION L0001025     VOLUME   480498.302 3770375.299 370.58
   LOCATION L0001026     VOLUME   480506.893 3770375.287 370.88
   LOCATION L0001027     VOLUME   480515.483 3770375.276 371.14
   LOCATION L0001028     VOLUME   480524.074 3770375.265 371.39
   LOCATION L0001029     VOLUME   480532.665 3770375.253 371.64
   LOCATION L0001030     VOLUME   480541.256 3770375.242 371.90
   LOCATION L0001031     VOLUME   480549.847 3770375.231 372.15
   LOCATION L0001032     VOLUME   480558.437 3770375.220 372.41
   LOCATION L0001033     VOLUME   480567.028 3770375.208 372.64
   LOCATION L0001034     VOLUME   480575.619 3770375.197 372.87
   LOCATION L0001035     VOLUME   480584.210 3770375.186 373.10
   LOCATION L0001036     VOLUME   480592.801 3770375.174 373.33
   LOCATION L0001037     VOLUME   480601.391 3770375.163 373.55
   LOCATION L0001038     VOLUME   480609.982 3770375.152 373.78
   LOCATION L0001039     VOLUME   480618.573 3770375.140 373.95
   LOCATION L0001040     VOLUME   480627.164 3770375.129 374.11
   LOCATION L0001041     VOLUME   480635.755 3770375.118 374.28
   LOCATION L0001042     VOLUME   480644.345 3770375.106 374.40
   LOCATION L0001043     VOLUME   480652.936 3770375.095 374.51
   LOCATION L0001044     VOLUME   480661.527 3770375.084 374.63
   LOCATION L0001045     VOLUME   480670.118 3770375.072 374.76
   LOCATION L0001046     VOLUME   480678.708 3770375.061 374.90
   LOCATION L0001047     VOLUME   480687.299 3770375.050 375.03
   LOCATION L0001048     VOLUME   480695.890 3770375.038 375.26
   LOCATION L0001049     VOLUME   480704.481 3770375.027 375.48
   LOCATION L0001050     VOLUME   480713.072 3770375.016 375.71
   LOCATION L0001051     VOLUME   480721.662 3770375.004 375.84
   LOCATION L0001052     VOLUME   480730.253 3770374.993 375.95
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Along Alabama St n/o Almond Ave
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.97E-08
** Elevated
```

```
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.734, 3770380.127, 376.00, 3.50, 4.00
** 480736.495, 3771031.949, 375.00, 3.50, 4.00
** ------------------------------------------------------------------
   LOCATION L0001053     VOLUME   480733.752 3770384.422 375.99
   LOCATION L0001054     VOLUME   480733.789 3770393.013 375.95
   LOCATION L0001055     VOLUME   480733.825 3770401.603 375.92
   LOCATION L0001056     VOLUME   480733.861 3770410.194 375.88
   LOCATION L0001057     VOLUME   480733.898 3770418.785 375.85
   LOCATION L0001058     VOLUME   480733.934 3770427.376 375.81
   LOCATION L0001059     VOLUME   480733.970 3770435.966 375.77
   LOCATION L0001060     VOLUME   480734.007 3770444.557 375.73
   LOCATION L0001061     VOLUME   480734.043 3770453.148 375.70
   LOCATION L0001062     VOLUME   480734.080 3770461.738 375.68
   LOCATION L0001063     VOLUME   480734.116 3770470.329 375.65
   LOCATION L0001064     VOLUME   480734.152 3770478.920 375.63
   LOCATION L0001065     VOLUME   480734.189 3770487.511 375.61
   LOCATION L0001066     VOLUME   480734.225 3770496.101 375.59
   LOCATION L0001067     VOLUME   480734.262 3770504.692 375.57
   LOCATION L0001068     VOLUME   480734.298 3770513.283 375.55
   LOCATION L0001069     VOLUME   480734.334 3770521.873 375.53
   LOCATION L0001070     VOLUME   480734.371 3770530.464 375.51
   LOCATION L0001071     VOLUME   480734.407 3770539.055 375.48
   LOCATION L0001072     VOLUME   480734.444 3770547.646 375.44
   LOCATION L0001073     VOLUME   480734.480 3770556.236 375.39
   LOCATION L0001074     VOLUME   480734.516 3770564.827 375.35
   LOCATION L0001075     VOLUME   480734.553 3770573.418 375.30
   LOCATION L0001076     VOLUME   480734.589 3770582.009 375.26
   LOCATION L0001077     VOLUME   480734.626 3770590.599 375.22
   LOCATION L0001078     VOLUME   480734.662 3770599.190 375.17
   LOCATION L0001079     VOLUME   480734.698 3770607.781 375.14
   LOCATION L0001080     VOLUME   480734.735 3770616.371 375.10
   LOCATION L0001081     VOLUME   480734.771 3770624.962 375.07
   LOCATION L0001082     VOLUME   480734.807 3770633.553 375.04
   LOCATION L0001083     VOLUME   480734.844 3770642.144 375.02
   LOCATION L0001084     VOLUME   480734.880 3770650.734 374.99
   LOCATION L0001085     VOLUME   480734.917 3770659.325 374.97
   LOCATION L0001086     VOLUME   480734.953 3770667.916 374.95
   LOCATION L0001087     VOLUME   480734.989 3770676.507 374.92
   LOCATION L0001088     VOLUME   480735.026 3770685.097 374.89
   LOCATION L0001089     VOLUME   480735.062 3770693.688 374.87
   LOCATION L0001090     VOLUME   480735.099 3770702.279 374.84
   LOCATION L0001091     VOLUME   480735.135 3770710.869 374.81
   LOCATION L0001092     VOLUME   480735.171 3770719.460 374.78
   LOCATION L0001093     VOLUME   480735.208 3770728.051 374.74
   LOCATION L0001094     VOLUME   480735.244 3770736.642 374.69
   LOCATION L0001095     VOLUME   480735.281 3770745.232 374.64
   LOCATION L0001096     VOLUME   480735.317 3770753.823 374.59
   LOCATION L0001097     VOLUME   480735.353 3770762.414 374.54
```

```
   LOCATION L0001098     VOLUME   480735.390 3770771.004 374.49
   LOCATION L0001099     VOLUME   480735.426 3770779.595 374.44
   LOCATION L0001100     VOLUME   480735.462 3770788.186 374.42
   LOCATION L0001101     VOLUME   480735.499 3770796.777 374.43
   LOCATION L0001102     VOLUME   480735.535 3770805.367 374.44
   LOCATION L0001103     VOLUME   480735.572 3770813.958 374.46
   LOCATION L0001104     VOLUME   480735.608 3770822.549 374.50
   LOCATION L0001105     VOLUME   480735.644 3770831.140 374.54
   LOCATION L0001106     VOLUME   480735.681 3770839.730 374.58
   LOCATION L0001107     VOLUME   480735.717 3770848.321 374.62
   LOCATION L0001108     VOLUME   480735.754 3770856.912 374.64
   LOCATION L0001109     VOLUME   480735.790 3770865.502 374.67
   LOCATION L0001110     VOLUME   480735.826 3770874.093 374.70
   LOCATION L0001111     VOLUME   480735.863 3770882.684 374.73
   LOCATION L0001112     VOLUME   480735.899 3770891.275 374.76
   LOCATION L0001113     VOLUME   480735.936 3770899.865 374.79
   LOCATION L0001114     VOLUME   480735.972 3770908.456 374.82
   LOCATION L0001115     VOLUME   480736.008 3770917.047 374.83
   LOCATION L0001116     VOLUME   480736.045 3770925.637 374.85
   LOCATION L0001117     VOLUME   480736.081 3770934.228 374.87
   LOCATION L0001118     VOLUME   480736.118 3770942.819 374.87
   LOCATION L0001119     VOLUME   480736.154 3770951.410 374.85
   LOCATION L0001120     VOLUME   480736.190 3770960.000 374.84
   LOCATION L0001121     VOLUME   480736.227 3770968.591 374.82
   LOCATION L0001122     VOLUME   480736.263 3770977.182 374.79
   LOCATION L0001123     VOLUME   480736.299 3770985.773 374.77
   LOCATION L0001124     VOLUME   480736.336 3770994.363 374.74
   LOCATION L0001125     VOLUME   480736.372 3771002.954 374.73
   LOCATION L0001126     VOLUME   480736.409 3771011.545 374.74
   LOCATION L0001127     VOLUME   480736.445 3771020.135 374.75
   LOCATION L0001128     VOLUME   480736.481 3771028.726 374.76
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Alabama St to 10 freeway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.17E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 480733.702, 3770370.294, 376.04, 3.50, 4.00
** 480739.840, 3769652.585, 383.34, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001129     VOLUME   480733.739 3770365.998 376.01
   LOCATION L0001130     VOLUME   480733.812 3770357.408 376.03
   LOCATION L0001131     VOLUME   480733.886 3770348.817 376.04
   LOCATION L0001132     VOLUME   480733.959 3770340.227 376.07
```

```
LOCATION L0001133     VOLUME   480734.033 3770331.636 376.09
LOCATION L0001134     VOLUME   480734.106 3770323.046 376.11
LOCATION L0001135     VOLUME   480734.180 3770314.455 376.14
LOCATION L0001136     VOLUME   480734.253 3770305.865 376.17
LOCATION L0001137     VOLUME   480734.326 3770297.274 376.20
LOCATION L0001138     VOLUME   480734.400 3770288.684 376.23
LOCATION L0001139     VOLUME   480734.473 3770280.093 376.26
LOCATION L0001140     VOLUME   480734.547 3770271.503 376.29
LOCATION L0001141     VOLUME   480734.620 3770262.913 376.32
LOCATION L0001142     VOLUME   480734.694 3770254.322 376.36
LOCATION L0001143     VOLUME   480734.767 3770245.732 376.41
LOCATION L0001144     VOLUME   480734.841 3770237.141 376.45
LOCATION L0001145     VOLUME   480734.914 3770228.551 376.49
LOCATION L0001146     VOLUME   480734.988 3770219.960 376.53
LOCATION L0001147     VOLUME   480735.061 3770211.370 376.57
LOCATION L0001148     VOLUME   480735.135 3770202.779 376.61
LOCATION L0001149     VOLUME   480735.208 3770194.189 376.64
LOCATION L0001150     VOLUME   480735.281 3770185.598 376.66
LOCATION L0001151     VOLUME   480735.355 3770177.008 376.69
LOCATION L0001152     VOLUME   480735.428 3770168.417 376.71
LOCATION L0001153     VOLUME   480735.502 3770159.827 376.71
LOCATION L0001154     VOLUME   480735.575 3770151.236 376.70
LOCATION L0001155     VOLUME   480735.649 3770142.646 376.70
LOCATION L0001156     VOLUME   480735.722 3770134.055 376.69
LOCATION L0001157     VOLUME   480735.796 3770125.465 376.69
LOCATION L0001158     VOLUME   480735.869 3770116.874 376.69
LOCATION L0001159     VOLUME   480735.943 3770108.284 376.68
LOCATION L0001160     VOLUME   480736.016 3770099.693 376.69
LOCATION L0001161     VOLUME   480736.090 3770091.103 376.69
LOCATION L0001162     VOLUME   480736.163 3770082.512 376.69
LOCATION L0001163     VOLUME   480736.236 3770073.922 376.68
LOCATION L0001164     VOLUME   480736.310 3770065.331 376.66
LOCATION L0001165     VOLUME   480736.383 3770056.741 376.63
LOCATION L0001166     VOLUME   480736.457 3770048.150 376.61
LOCATION L0001167     VOLUME   480736.530 3770039.560 376.60
LOCATION L0001168     VOLUME   480736.604 3770030.969 376.61
LOCATION L0001169     VOLUME   480736.677 3770022.379 376.61
LOCATION L0001170     VOLUME   480736.751 3770013.788 376.61
LOCATION L0001171     VOLUME   480736.824 3770005.198 376.61
LOCATION L0001172     VOLUME   480736.898 3769996.607 376.60
LOCATION L0001173     VOLUME   480736.971 3769988.017 376.60
LOCATION L0001174     VOLUME   480737.045 3769979.426 376.59
LOCATION L0001175     VOLUME   480737.118 3769970.836 376.58
LOCATION L0001176     VOLUME   480737.191 3769962.245 376.57
LOCATION L0001177     VOLUME   480737.265 3769953.655 376.57
LOCATION L0001178     VOLUME   480737.338 3769945.065 376.57
LOCATION L0001179     VOLUME   480737.412 3769936.474 376.59
LOCATION L0001180     VOLUME   480737.485 3769927.884 376.60
LOCATION L0001181     VOLUME   480737.559 3769919.293 376.61
LOCATION L0001182     VOLUME   480737.632 3769910.703 376.62
LOCATION L0001183     VOLUME   480737.706 3769902.112 376.63
```

```
   LOCATION L0001184     VOLUME   480737.779 3769893.522 376.65
   LOCATION L0001185     VOLUME   480737.853 3769884.931 376.66
   LOCATION L0001186     VOLUME   480737.926 3769876.341 376.68
   LOCATION L0001187     VOLUME   480738.000 3769867.750 376.69
   LOCATION L0001188     VOLUME   480738.073 3769859.160 376.71
   LOCATION L0001189     VOLUME   480738.146 3769850.569 376.74
   LOCATION L0001190     VOLUME   480738.220 3769841.979 376.77
   LOCATION L0001191     VOLUME   480738.293 3769833.388 376.80
   LOCATION L0001192     VOLUME   480738.367 3769824.798 376.86
   LOCATION L0001193     VOLUME   480738.440 3769816.207 376.95
   LOCATION L0001194     VOLUME   480738.514 3769807.617 377.03
   LOCATION L0001195     VOLUME   480738.587 3769799.026 377.12
   LOCATION L0001196     VOLUME   480738.661 3769790.436 377.35
   LOCATION L0001197     VOLUME   480738.734 3769781.845 377.58
   LOCATION L0001198     VOLUME   480738.808 3769773.255 377.81
   LOCATION L0001199     VOLUME   480738.881 3769764.664 378.08
   LOCATION L0001200     VOLUME   480738.955 3769756.074 378.42
   LOCATION L0001201     VOLUME   480739.028 3769747.483 378.76
   LOCATION L0001202     VOLUME   480739.101 3769738.893 379.10
   LOCATION L0001203     VOLUME   480739.175 3769730.302 379.48
   LOCATION L0001204     VOLUME   480739.248 3769721.712 379.89
   LOCATION L0001205     VOLUME   480739.322 3769713.121 380.28
   LOCATION L0001206     VOLUME   480739.395 3769704.531 380.68
   LOCATION L0001207     VOLUME   480739.469 3769695.940 381.08
   LOCATION L0001208     VOLUME   480739.542 3769687.350 381.47
   LOCATION L0001209     VOLUME   480739.616 3769678.759 381.86
   LOCATION L0001210     VOLUME   480739.689 3769670.169 382.25
   LOCATION L0001211     VOLUME   480739.763 3769661.578 382.63
   LOCATION L0001212     VOLUME   480739.836 3769652.988 383.01
** End of LINE VOLUME Source ID = SLINE4
** Source Parameters **
   SRCPARAM STCK1         1.87E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK2         1.87E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK3         1.87E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK4         1.87E-06     3.500   366.000      51.9       0.1
   SRCPARAM STCK5         1.87E-06     3.500   366.000      51.9       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000988     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000989     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000990     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000991     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000992     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000993     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000994     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000995     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000996     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000997     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000998     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0000999     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001000     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001001     0.00000003486      3.50      4.00      4.96
```

```
   SRCPARAM L0001002     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001003     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001004     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001005     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001006     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001007     0.00000003486      3.50      4.00      4.96
   SRCPARAM L0001008     0.00000003486      3.50      4.00      4.96
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001009     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001010     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001011     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001012     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001013     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001014     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001015     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001016     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001017     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001018     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001019     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001020     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001021     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001022     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001023     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001024     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001025     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001026     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001027     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001028     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001029     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001030     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001031     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001032     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001033     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001034     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001035     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001036     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001037     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001038     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001039     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001040     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001041     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001042     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001043     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001044     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001045     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001046     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001047     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001048     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001049     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001050     0.0000000195      3.50      4.00      1.63
```

```
   SRCPARAM L0001051     0.0000000195      3.50      4.00      1.63
   SRCPARAM L0001052     0.0000000195      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0001053     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001054     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001055     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001056     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001057     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001058     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001059     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001060     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001061     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001062     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001063     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001064     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001065     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001066     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001067     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001068     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001069     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001070     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001071     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001072     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001073     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001074     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001075     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001076     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001077     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001078     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001079     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001080     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001081     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001082     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001083     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001084     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001085     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001086     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001087     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001088     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001089     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001090     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001091     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001092     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001093     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001094     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001095     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001096     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001097     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001098     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001099     0.000000000391      3.50      4.00      1.63
```

```
   SRCPARAM L0001100     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001101     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001102     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001103     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001104     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001105     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001106     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001107     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001108     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001109     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001110     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001111     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001112     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001113     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001114     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001115     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001116     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001117     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001118     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001119     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001120     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001121     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001122     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001123     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001124     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001125     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001126     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001127     0.000000000391      3.50      4.00      1.63
   SRCPARAM L0001128     0.000000000391      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001129     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001130     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001131     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001132     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001133     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001134     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001135     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001136     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001137     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001138     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001139     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001140     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001141     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001142     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001143     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001144     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001145     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001146     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001147     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001148     0.000000009726      3.50      4.00      1.63
```

```
SRCPARAM L0001149     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001150     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001151     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001152     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001153     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001154     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001155     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001156     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001157     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001158     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001159     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001160     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001161     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001162     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001163     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001164     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001165     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001166     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001167     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001168     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001169     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001170     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001171     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001172     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001173     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001174     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001175     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001176     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001177     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001178     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001179     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001180     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001181     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001182     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001183     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001184     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001185     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001186     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001187     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001188     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001189     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001190     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001191     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001192     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001193     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001194     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001195     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001196     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001197     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001198     0.000000009726      3.50      4.00      1.63
SRCPARAM L0001199     0.000000009726      3.50      4.00      1.63
```

```
   SRCPARAM L0001200     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001201     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001202     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001203     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001204     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001205     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001206     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001207     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001208     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001209     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001210     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001211     0.000000009726      3.50      4.00      1.63
   SRCPARAM L0001212     0.000000009726      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK1           10.67    10.67    10.67    10.67     0.00     0.00

   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK2           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK3           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK4           10.67    10.67    10.67    10.67    10.67    10.67

   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
   BUILDHGT STCK5           10.67    10.67    10.67    10.67    10.67    10.67
```

```
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00
BUILDWID STCK1          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK1          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK1          199.41   191.02   176.83   157.27     0.00     0.00

BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK2          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK2          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK2          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK3          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK3          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK3          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK4          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK4          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK4          199.41   191.02   176.83   157.27   132.93   129.33

BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33
BUILDWID STCK5          155.84   178.15   195.42   206.74   211.79   210.40
BUILDWID STCK5          202.62   189.53   172.58   188.11   197.93   201.73
BUILDWID STCK5          199.41   191.02   176.83   157.27   132.93   129.33

BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00
BUILDLEN STCK1          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK1          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK1          206.74   211.79   210.40   202.62     0.00     0.00

BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58
BUILDLEN STCK2          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK2          157.27   132.93   129.33   155.84   178.15   195.42
BUILDLEN STCK2          206.74   211.79   210.40   202.62   189.53   172.58

BUILDLEN STCK3          188.11   197.93   201.73   199.41   191.02   176.83
BUILDLEN STCK3          157.27   132.93   129.33   155.84   178.15   195.42
```

BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK3	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK3	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK3	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK4	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK4	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK4	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
BUILDLEN	STCK5	188.11	197.93	201.73	199.41	191.02	176.83
BUILDLEN	STCK5	157.27	132.93	129.33	155.84	178.15	195.42
BUILDLEN	STCK5	206.74	211.79	210.40	202.62	189.53	172.58
XBADJ	STCK1	-127.09	-115.47	-100.34	-82.17	-61.50	-38.96
XBADJ	STCK1	-15.24	8.95	9.97	3.41	-3.25	-9.82
XBADJ	STCK1	-16.08	-21.86	-26.97	-31.26	0.00	0.00
XBADJ	STCK1	-61.03	-82.46	-101.39	-117.24	-129.52	-137.87
XBADJ	STCK1	-142.03	-141.88	-139.30	-159.25	-174.90	-185.60
XBADJ	STCK1	-190.66	-189.93	-183.43	-171.36	0.00	0.00
XBADJ	STCK2	-110.30	-103.87	-94.27	-81.82	-66.87	-49.90
XBADJ	STCK2	-31.41	-11.96	-15.04	-24.94	-34.09	-42.20
XBADJ	STCK2	-49.03	-54.37	-58.05	-59.98	-60.08	-59.19
XBADJ	STCK2	-77.81	-94.06	-107.46	-117.59	-124.15	-126.94
XBADJ	STCK2	-125.87	-120.97	-114.29	-130.89	-144.06	-153.22
XBADJ	STCK2	-157.72	-157.42	-152.35	-142.64	-129.46	-113.39
XBADJ	STCK3	-82.46	-77.22	-69.64	-59.94	-48.42	-35.42
XBADJ	STCK3	-21.36	-6.64	-14.61	-29.42	-43.33	-55.93
XBADJ	STCK3	-66.83	-75.69	-82.26	-86.33	-87.77	-87.39
XBADJ	STCK3	-105.66	-120.71	-132.10	-139.47	-142.61	-141.41
XBADJ	STCK3	-135.91	-126.29	-114.72	-126.42	-134.82	-139.49
XBADJ	STCK3	-139.92	-136.10	-128.14	-116.29	-101.76	-85.19
XBADJ	STCK4	-52.41	-48.82	-43.73	-37.32	-29.78	-21.33
XBADJ	STCK4	-12.23	-2.76	-16.10	-36.23	-55.25	-72.60
XBADJ	STCK4	-87.75	-100.22	-109.65	-115.75	-118.33	-118.16
XBADJ	STCK4	-135.70	-149.11	-158.00	-162.08	-161.24	-155.50
XBADJ	STCK4	-145.04	-130.17	-113.23	-119.61	-122.90	-122.81
XBADJ	STCK4	-119.00	-111.57	-100.75	-86.87	-71.20	-54.42
XBADJ	STCK5	-24.04	-21.56	-18.42	-14.72	-10.57	-6.10
XBADJ	STCK5	-1.45	3.25	-15.04	-40.15	-64.05	-86.00
XBADJ	STCK5	-105.33	-121.46	-133.91	-142.28	-146.33	-146.78
XBADJ	STCK5	-164.07	-176.37	-183.32	-184.69	-180.45	-170.73

```
   XBADJ    STCK5         -155.82  -136.18  -114.29  -115.68  -114.10  -109.42
   XBADJ    STCK5         -101.42   -90.33   -76.49   -60.34   -43.20   -25.80

   YBADJ    STCK1          -81.33   -85.82   -87.89   -87.29   -84.04   -78.23
   YBADJ    STCK1          -70.05   -60.16   -48.55   -33.03   -16.50     0.52
   YBADJ    STCK1           17.53    34.01    49.45    63.40     0.00     0.00
   YBADJ    STCK1           81.33    85.82    87.89    87.29    84.04    78.23
   YBADJ    STCK1           70.05    60.16    48.55    33.03    16.50    -0.52
   YBADJ    STCK1          -17.53   -34.01   -49.45   -63.40     0.00     0.00

   YBADJ    STCK2          -52.98   -54.99   -55.51   -54.34   -51.53   -47.15
   YBADJ    STCK2          -41.33   -34.69   -27.10   -16.25    -4.90     6.59
   YBADJ    STCK2           17.89    28.64    38.52    47.23    54.51    49.63
   YBADJ    STCK2           52.98    54.99    55.51    54.34    51.53    47.15
   YBADJ    STCK2           41.33    34.69    27.10    16.25     4.90    -6.59
   YBADJ    STCK2          -17.89   -28.64   -38.52   -47.23   -54.51   -49.63

   YBADJ    STCK3          -48.50   -45.74   -41.78   -36.55   -30.20   -22.94
   YBADJ    STCK3          -14.98    -6.99     1.10    11.60    21.74    31.23
   YBADJ    STCK3           39.77    47.09    52.99    57.28    59.83    50.06
   YBADJ    STCK3           48.50    45.74    41.78    36.55    30.20    22.94
   YBADJ    STCK3           14.98     6.99    -1.10   -11.60   -21.74   -31.23
   YBADJ    STCK3          -39.77   -47.09   -52.99   -57.28   -59.83   -50.06

   YBADJ    STCK4          -41.69   -33.82   -25.11   -15.63    -5.67     4.45
   YBADJ    STCK4           14.44    23.57    31.87    41.64    50.15    57.13
   YBADJ    STCK4           62.38    65.73    67.09    66.40    63.70    48.56
   YBADJ    STCK4           41.69    33.82    25.11    15.63     5.67    -4.45
   YBADJ    STCK4          -14.44   -23.57   -31.87   -41.64   -50.15   -57.13
   YBADJ    STCK4          -62.38   -65.73   -67.09   -66.40   -63.70   -48.56

   YBADJ    STCK5          -37.77   -25.03   -11.71     1.96    15.57    28.71
   YBADJ    STCK5           40.97    51.57    60.49    70.01    77.41    82.45
   YBADJ    STCK5           84.99    84.94    82.31    77.19    69.72    49.62
   YBADJ    STCK5           37.77    25.03    11.71    -1.96   -15.57   -28.71
   YBADJ    STCK5          -40.97   -51.57   -60.49   -70.01   -77.41   -82.45
   YBADJ    STCK5          -84.99   -84.94   -82.31   -77.19   -69.72   -49.62

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19518 Almond Avenue Warehouse 2nd 14YR.rou"
RE FINISHED
**
```

```
************************************
** AERMOD Meteorology Pathway
************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC"
   PROFFILE "E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL"
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19518 ALMOND AVENUE WAREHOUSE 2ND 14YR.AD\PE00GALL.PLT" 31
   SUMMFILE "19518 Almond Avenue Warehouse 2nd 14YR.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   230 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * 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:    230 Source(s);       1 Source Group(s); and     450 Receptor(s)

               with:      5 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    225 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**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) =   481.00 ;  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:   19518 Almond Avenue Warehouse 2nd 14YR.err
**File for Summary of Results:   19518 Almond Avenue Warehouse 2nd 14YR.sum

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                              ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                                   ***        14:34:49
                                                                                                                  PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** POINT SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE     STACK   STACK    STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)  (METERS)                        VARY BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

STCK1           0   0.18700E-05  480359.4 3770320.7   369.1     3.50   366.00    51.90     0.10    YES     YES   NO
STCK2           0   0.18700E-05  480384.4 3770299.2   369.5     3.50   366.00    51.90     0.10    YES     YES   NO
STCK3           0   0.18700E-05  480384.0 3770271.0   369.6     3.50   366.00    51.90     0.10    YES     YES   NO
STCK4           0   0.18700E-05  480385.5 3770240.2   369.8     3.50   366.00    51.90     0.10    YES     YES   NO
STCK5           0   0.18700E-05  480384.4 3770211.6   370.0     3.50   366.00    51.90     0.10    YES     YES   NO

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                              ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                                   ***        14:34:49
                                                                                                                  PAGE   3
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.              (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

L0000988	0	0.34860E-07	480357.2	3770360.3	368.8	3.50	4.00	4.96	YES
L0000989	0	0.34860E-07	480357.3	3770351.7	368.9	3.50	4.00	4.96	YES
L0000990	0	0.34860E-07	480357.3	3770343.1	369.0	3.50	4.00	4.96	YES
L0000991	0	0.34860E-07	480357.3	3770334.5	369.0	3.50	4.00	4.96	YES
L0000992	0	0.34860E-07	480357.3	3770325.9	369.0	3.50	4.00	4.96	YES
L0000993	0	0.34860E-07	480357.4	3770317.3	369.0	3.50	4.00	4.96	YES
L0000994	0	0.34860E-07	480357.4	3770308.7	369.1	3.50	4.00	4.96	YES
L0000995	0	0.34860E-07	480357.4	3770300.1	369.1	3.50	4.00	4.96	YES
L0000996	0	0.34860E-07	480357.4	3770291.6	369.1	3.50	4.00	4.96	YES
L0000997	0	0.34860E-07	480357.5	3770283.0	369.1	3.50	4.00	4.96	YES
L0000998	0	0.34860E-07	480357.5	3770274.4	369.2	3.50	4.00	4.96	YES
L0000999	0	0.34860E-07	480357.5	3770265.8	369.2	3.50	4.00	4.96	YES
L0001000	0	0.34860E-07	480357.5	3770257.2	369.2	3.50	4.00	4.96	YES
L0001001	0	0.34860E-07	480357.6	3770248.6	369.2	3.50	4.00	4.96	YES
L0001002	0	0.34860E-07	480357.6	3770240.0	369.3	3.50	4.00	4.96	YES
L0001003	0	0.34860E-07	480357.6	3770231.4	369.3	3.50	4.00	4.96	YES
L0001004	0	0.34860E-07	480357.6	3770222.8	369.4	3.50	4.00	4.96	YES
L0001005	0	0.34860E-07	480357.7	3770214.2	369.4	3.50	4.00	4.96	YES
L0001006	0	0.34860E-07	480357.7	3770205.7	369.5	3.50	4.00	4.96	YES
L0001007	0	0.34860E-07	480357.7	3770197.1	369.6	3.50	4.00	4.96	YES
L0001008	0	0.34860E-07	480357.7	3770188.5	369.7	3.50	4.00	4.96	YES
L0001009	0	0.19500E-07	480360.8	3770375.5	368.5	3.50	4.00	1.63	YES
L0001010	0	0.19500E-07	480369.4	3770375.5	368.6	3.50	4.00	1.63	YES
L0001011	0	0.19500E-07	480378.0	3770375.5	368.7	3.50	4.00	1.63	YES
L0001012	0	0.19500E-07	480386.6	3770375.4	368.8	3.50	4.00	1.63	YES
L0001013	0	0.19500E-07	480395.2	3770375.4	368.9	3.50	4.00	1.63	YES
L0001014	0	0.19500E-07	480403.8	3770375.4	368.9	3.50	4.00	1.63	YES
L0001015	0	0.19500E-07	480412.4	3770375.4	369.1	3.50	4.00	1.63	YES
L0001016	0	0.19500E-07	480421.0	3770375.4	369.2	3.50	4.00	1.63	YES
L0001017	0	0.19500E-07	480429.6	3770375.4	369.2	3.50	4.00	1.63	YES
L0001018	0	0.19500E-07	480438.2	3770375.4	369.3	3.50	4.00	1.63	YES
L0001019	0	0.19500E-07	480446.8	3770375.4	369.4	3.50	4.00	1.63	YES
L0001020	0	0.19500E-07	480455.3	3770375.4	369.5	3.50	4.00	1.63	YES
L0001021	0	0.19500E-07	480463.9	3770375.3	369.7	3.50	4.00	1.63	YES
L0001022	0	0.19500E-07	480472.5	3770375.3	369.8	3.50	4.00	1.63	YES
L0001023	0	0.19500E-07	480481.1	3770375.3	370.0	3.50	4.00	1.63	YES
L0001024	0	0.19500E-07	480489.7	3770375.3	370.3	3.50	4.00	1.63	YES
L0001025	0	0.19500E-07	480498.3	3770375.3	370.6	3.50	4.00	1.63	YES
L0001026	0	0.19500E-07	480506.9	3770375.3	370.9	3.50	4.00	1.63	YES
L0001027	0	0.19500E-07	480515.5	3770375.3	371.1	3.50	4.00	1.63	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0001028	0	0.19500E-07	480524.1	3770375.3	371.4	3.50	4.00	1.63	YES	
L0001029	0	0.19500E-07	480532.7	3770375.3	371.6	3.50	4.00	1.63	YES	
L0001030	0	0.19500E-07	480541.3	3770375.2	371.9	3.50	4.00	1.63	YES	
L0001031	0	0.19500E-07	480549.8	3770375.2	372.2	3.50	4.00	1.63	YES	
L0001032	0	0.19500E-07	480558.4	3770375.2	372.4	3.50	4.00	1.63	YES	
L0001033	0	0.19500E-07	480567.0	3770375.2	372.6	3.50	4.00	1.63	YES	
L0001034	0	0.19500E-07	480575.6	3770375.2	372.9	3.50	4.00	1.63	YES	
L0001035	0	0.19500E-07	480584.2	3770375.2	373.1	3.50	4.00	1.63	YES	
L0001036	0	0.19500E-07	480592.8	3770375.2	373.3	3.50	4.00	1.63	YES	
L0001037	0	0.19500E-07	480601.4	3770375.2	373.6	3.50	4.00	1.63	YES	
L0001038	0	0.19500E-07	480610.0	3770375.2	373.8	3.50	4.00	1.63	YES	
L0001039	0	0.19500E-07	480618.6	3770375.1	373.9	3.50	4.00	1.63	YES	
L0001040	0	0.19500E-07	480627.2	3770375.1	374.1	3.50	4.00	1.63	YES	
L0001041	0	0.19500E-07	480635.8	3770375.1	374.3	3.50	4.00	1.63	YES	
L0001042	0	0.19500E-07	480644.3	3770375.1	374.4	3.50	4.00	1.63	YES	
L0001043	0	0.19500E-07	480652.9	3770375.1	374.5	3.50	4.00	1.63	YES	
L0001044	0	0.19500E-07	480661.5	3770375.1	374.6	3.50	4.00	1.63	YES	
L0001045	0	0.19500E-07	480670.1	3770375.1	374.8	3.50	4.00	1.63	YES	
L0001046	0	0.19500E-07	480678.7	3770375.1	374.9	3.50	4.00	1.63	YES	
L0001047	0	0.19500E-07	480687.3	3770375.0	375.0	3.50	4.00	1.63	YES	
L0001048	0	0.19500E-07	480695.9	3770375.0	375.3	3.50	4.00	1.63	YES	
L0001049	0	0.19500E-07	480704.5	3770375.0	375.5	3.50	4.00	1.63	YES	
L0001050	0	0.19500E-07	480713.1	3770375.0	375.7	3.50	4.00	1.63	YES	
L0001051	0	0.19500E-07	480721.7	3770375.0	375.8	3.50	4.00	1.63	YES	
L0001052	0	0.19500E-07	480730.3	3770375.0	375.9	3.50	4.00	1.63	YES	
L0001053	0	0.39100E-09	480733.8	3770384.4	376.0	3.50	4.00	1.63	YES	
L0001054	0	0.39100E-09	480733.8	3770393.0	375.9	3.50	4.00	1.63	YES	
L0001055	0	0.39100E-09	480733.8	3770401.6	375.9	3.50	4.00	1.63	YES	
L0001056	0	0.39100E-09	480733.9	3770410.2	375.9	3.50	4.00	1.63	YES	
L0001057	0	0.39100E-09	480733.9	3770418.8	375.9	3.50	4.00	1.63	YES	
L0001058	0	0.39100E-09	480733.9	3770427.4	375.8	3.50	4.00	1.63	YES	
L0001059	0	0.39100E-09	480734.0	3770436.0	375.8	3.50	4.00	1.63	YES	
L0001060	0	0.39100E-09	480734.0	3770444.6	375.7	3.50	4.00	1.63	YES	
L0001061	0	0.39100E-09	480734.0	3770453.1	375.7	3.50	4.00	1.63	YES	
L0001062	0	0.39100E-09	480734.1	3770461.7	375.7	3.50	4.00	1.63	YES	
L0001063	0	0.39100E-09	480734.1	3770470.3	375.7	3.50	4.00	1.63	YES	
L0001064	0	0.39100E-09	480734.2	3770478.9	375.6	3.50	4.00	1.63	YES	
L0001065	0	0.39100E-09	480734.2	3770487.5	375.6	3.50	4.00	1.63	YES	
L0001066	0	0.39100E-09	480734.2	3770496.1	375.6	3.50	4.00	1.63	YES	
L0001067	0	0.39100E-09	480734.3	3770504.7	375.6	3.50	4.00	1.63	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
L0001068	0	0.39100E-09	480734.3	3770513.3	375.6	3.50	4.00	1.63	YES	
L0001069	0	0.39100E-09	480734.3	3770521.9	375.5	3.50	4.00	1.63	YES	
L0001070	0	0.39100E-09	480734.4	3770530.5	375.5	3.50	4.00	1.63	YES	
L0001071	0	0.39100E-09	480734.4	3770539.1	375.5	3.50	4.00	1.63	YES	
L0001072	0	0.39100E-09	480734.4	3770547.6	375.4	3.50	4.00	1.63	YES	
L0001073	0	0.39100E-09	480734.5	3770556.2	375.4	3.50	4.00	1.63	YES	
L0001074	0	0.39100E-09	480734.5	3770564.8	375.4	3.50	4.00	1.63	YES	
L0001075	0	0.39100E-09	480734.6	3770573.4	375.3	3.50	4.00	1.63	YES	
L0001076	0	0.39100E-09	480734.6	3770582.0	375.3	3.50	4.00	1.63	YES	
L0001077	0	0.39100E-09	480734.6	3770590.6	375.2	3.50	4.00	1.63	YES	
L0001078	0	0.39100E-09	480734.7	3770599.2	375.2	3.50	4.00	1.63	YES	
L0001079	0	0.39100E-09	480734.7	3770607.8	375.1	3.50	4.00	1.63	YES	
L0001080	0	0.39100E-09	480734.7	3770616.4	375.1	3.50	4.00	1.63	YES	
L0001081	0	0.39100E-09	480734.8	3770625.0	375.1	3.50	4.00	1.63	YES	
L0001082	0	0.39100E-09	480734.8	3770633.6	375.0	3.50	4.00	1.63	YES	
L0001083	0	0.39100E-09	480734.8	3770642.1	375.0	3.50	4.00	1.63	YES	
L0001084	0	0.39100E-09	480734.9	3770650.7	375.0	3.50	4.00	1.63	YES	
L0001085	0	0.39100E-09	480734.9	3770659.3	375.0	3.50	4.00	1.63	YES	
L0001086	0	0.39100E-09	480735.0	3770667.9	374.9	3.50	4.00	1.63	YES	
L0001087	0	0.39100E-09	480735.0	3770676.5	374.9	3.50	4.00	1.63	YES	
L0001088	0	0.39100E-09	480735.0	3770685.1	374.9	3.50	4.00	1.63	YES	
L0001089	0	0.39100E-09	480735.1	3770693.7	374.9	3.50	4.00	1.63	YES	
L0001090	0	0.39100E-09	480735.1	3770702.3	374.8	3.50	4.00	1.63	YES	
L0001091	0	0.39100E-09	480735.1	3770710.9	374.8	3.50	4.00	1.63	YES	
L0001092	0	0.39100E-09	480735.2	3770719.5	374.8	3.50	4.00	1.63	YES	
L0001093	0	0.39100E-09	480735.2	3770728.1	374.7	3.50	4.00	1.63	YES	
L0001094	0	0.39100E-09	480735.2	3770736.6	374.7	3.50	4.00	1.63	YES	
L0001095	0	0.39100E-09	480735.3	3770745.2	374.6	3.50	4.00	1.63	YES	
L0001096	0	0.39100E-09	480735.3	3770753.8	374.6	3.50	4.00	1.63	YES	
L0001097	0	0.39100E-09	480735.4	3770762.4	374.5	3.50	4.00	1.63	YES	
L0001098	0	0.39100E-09	480735.4	3770771.0	374.5	3.50	4.00	1.63	YES	
L0001099	0	0.39100E-09	480735.4	3770779.6	374.4	3.50	4.00	1.63	YES	
L0001100	0	0.39100E-09	480735.5	3770788.2	374.4	3.50	4.00	1.63	YES	
L0001101	0	0.39100E-09	480735.5	3770796.8	374.4	3.50	4.00	1.63	YES	
L0001102	0	0.39100E-09	480735.5	3770805.4	374.4	3.50	4.00	1.63	YES	
L0001103	0	0.39100E-09	480735.6	3770814.0	374.5	3.50	4.00	1.63	YES	
L0001104	0	0.39100E-09	480735.6	3770822.5	374.5	3.50	4.00	1.63	YES	
L0001105	0	0.39100E-09	480735.6	3770831.1	374.5	3.50	4.00	1.63	YES	
L0001106	0	0.39100E-09	480735.7	3770839.7	374.6	3.50	4.00	1.63	YES	
L0001107	0	0.39100E-09	480735.7	3770848.3	374.6	3.50	4.00	1.63	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
L0001108	0	0.39100E-09	480735.8	3770856.9	374.6	3.50	4.00	1.63	YES	
L0001109	0	0.39100E-09	480735.8	3770865.5	374.7	3.50	4.00	1.63	YES	
L0001110	0	0.39100E-09	480735.8	3770874.1	374.7	3.50	4.00	1.63	YES	
L0001111	0	0.39100E-09	480735.9	3770882.7	374.7	3.50	4.00	1.63	YES	
L0001112	0	0.39100E-09	480735.9	3770891.3	374.8	3.50	4.00	1.63	YES	
L0001113	0	0.39100E-09	480735.9	3770899.9	374.8	3.50	4.00	1.63	YES	
L0001114	0	0.39100E-09	480736.0	3770908.5	374.8	3.50	4.00	1.63	YES	
L0001115	0	0.39100E-09	480736.0	3770917.0	374.8	3.50	4.00	1.63	YES	
L0001116	0	0.39100E-09	480736.0	3770925.6	374.9	3.50	4.00	1.63	YES	
L0001117	0	0.39100E-09	480736.1	3770934.2	374.9	3.50	4.00	1.63	YES	
L0001118	0	0.39100E-09	480736.1	3770942.8	374.9	3.50	4.00	1.63	YES	
L0001119	0	0.39100E-09	480736.2	3770951.4	374.9	3.50	4.00	1.63	YES	
L0001120	0	0.39100E-09	480736.2	3770960.0	374.8	3.50	4.00	1.63	YES	
L0001121	0	0.39100E-09	480736.2	3770968.6	374.8	3.50	4.00	1.63	YES	
L0001122	0	0.39100E-09	480736.3	3770977.2	374.8	3.50	4.00	1.63	YES	
L0001123	0	0.39100E-09	480736.3	3770985.8	374.8	3.50	4.00	1.63	YES	
L0001124	0	0.39100E-09	480736.3	3770994.4	374.7	3.50	4.00	1.63	YES	
L0001125	0	0.39100E-09	480736.4	3771003.0	374.7	3.50	4.00	1.63	YES	
L0001126	0	0.39100E-09	480736.4	3771011.5	374.7	3.50	4.00	1.63	YES	
L0001127	0	0.39100E-09	480736.4	3771020.1	374.8	3.50	4.00	1.63	YES	
L0001128	0	0.39100E-09	480736.5	3771028.7	374.8	3.50	4.00	1.63	YES	
L0001129	0	0.97260E-08	480733.7	3770366.0	376.0	3.50	4.00	1.63	YES	
L0001130	0	0.97260E-08	480733.8	3770357.4	376.0	3.50	4.00	1.63	YES	
L0001131	0	0.97260E-08	480733.9	3770348.8	376.0	3.50	4.00	1.63	YES	
L0001132	0	0.97260E-08	480734.0	3770340.2	376.1	3.50	4.00	1.63	YES	
L0001133	0	0.97260E-08	480734.0	3770331.6	376.1	3.50	4.00	1.63	YES	
L0001134	0	0.97260E-08	480734.1	3770323.0	376.1	3.50	4.00	1.63	YES	
L0001135	0	0.97260E-08	480734.2	3770314.5	376.1	3.50	4.00	1.63	YES	
L0001136	0	0.97260E-08	480734.3	3770305.9	376.2	3.50	4.00	1.63	YES	
L0001137	0	0.97260E-08	480734.3	3770297.3	376.2	3.50	4.00	1.63	YES	
L0001138	0	0.97260E-08	480734.4	3770288.7	376.2	3.50	4.00	1.63	YES	
L0001139	0	0.97260E-08	480734.5	3770280.1	376.3	3.50	4.00	1.63	YES	
L0001140	0	0.97260E-08	480734.5	3770271.5	376.3	3.50	4.00	1.63	YES	
L0001141	0	0.97260E-08	480734.6	3770262.9	376.3	3.50	4.00	1.63	YES	
L0001142	0	0.97260E-08	480734.7	3770254.3	376.4	3.50	4.00	1.63	YES	
L0001143	0	0.97260E-08	480734.8	3770245.7	376.4	3.50	4.00	1.63	YES	
L0001144	0	0.97260E-08	480734.8	3770237.1	376.4	3.50	4.00	1.63	YES	
L0001145	0	0.97260E-08	480734.9	3770228.6	376.5	3.50	4.00	1.63	YES	
L0001146	0	0.97260E-08	480735.0	3770220.0	376.5	3.50	4.00	1.63	YES	
L0001147	0	0.97260E-08	480735.1	3770211.4	376.6	3.50	4.00	1.63	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
L0001148	0	0.97260E-08	480735.1	3770202.8	376.6	3.50	4.00	1.63	YES	
L0001149	0	0.97260E-08	480735.2	3770194.2	376.6	3.50	4.00	1.63	YES	
L0001150	0	0.97260E-08	480735.3	3770185.6	376.7	3.50	4.00	1.63	YES	
L0001151	0	0.97260E-08	480735.4	3770177.0	376.7	3.50	4.00	1.63	YES	
L0001152	0	0.97260E-08	480735.4	3770168.4	376.7	3.50	4.00	1.63	YES	
L0001153	0	0.97260E-08	480735.5	3770159.8	376.7	3.50	4.00	1.63	YES	
L0001154	0	0.97260E-08	480735.6	3770151.2	376.7	3.50	4.00	1.63	YES	
L0001155	0	0.97260E-08	480735.6	3770142.6	376.7	3.50	4.00	1.63	YES	
L0001156	0	0.97260E-08	480735.7	3770134.1	376.7	3.50	4.00	1.63	YES	
L0001157	0	0.97260E-08	480735.8	3770125.5	376.7	3.50	4.00	1.63	YES	
L0001158	0	0.97260E-08	480735.9	3770116.9	376.7	3.50	4.00	1.63	YES	
L0001159	0	0.97260E-08	480735.9	3770108.3	376.7	3.50	4.00	1.63	YES	
L0001160	0	0.97260E-08	480736.0	3770099.7	376.7	3.50	4.00	1.63	YES	
L0001161	0	0.97260E-08	480736.1	3770091.1	376.7	3.50	4.00	1.63	YES	
L0001162	0	0.97260E-08	480736.2	3770082.5	376.7	3.50	4.00	1.63	YES	
L0001163	0	0.97260E-08	480736.2	3770073.9	376.7	3.50	4.00	1.63	YES	
L0001164	0	0.97260E-08	480736.3	3770065.3	376.7	3.50	4.00	1.63	YES	
L0001165	0	0.97260E-08	480736.4	3770056.7	376.6	3.50	4.00	1.63	YES	
L0001166	0	0.97260E-08	480736.5	3770048.1	376.6	3.50	4.00	1.63	YES	
L0001167	0	0.97260E-08	480736.5	3770039.6	376.6	3.50	4.00	1.63	YES	
L0001168	0	0.97260E-08	480736.6	3770031.0	376.6	3.50	4.00	1.63	YES	
L0001169	0	0.97260E-08	480736.7	3770022.4	376.6	3.50	4.00	1.63	YES	
L0001170	0	0.97260E-08	480736.8	3770013.8	376.6	3.50	4.00	1.63	YES	
L0001171	0	0.97260E-08	480736.8	3770005.2	376.6	3.50	4.00	1.63	YES	
L0001172	0	0.97260E-08	480736.9	3769996.6	376.6	3.50	4.00	1.63	YES	
L0001173	0	0.97260E-08	480737.0	3769988.0	376.6	3.50	4.00	1.63	YES	
L0001174	0	0.97260E-08	480737.0	3769979.4	376.6	3.50	4.00	1.63	YES	
L0001175	0	0.97260E-08	480737.1	3769970.8	376.6	3.50	4.00	1.63	YES	
L0001176	0	0.97260E-08	480737.2	3769962.2	376.6	3.50	4.00	1.63	YES	
L0001177	0	0.97260E-08	480737.3	3769953.7	376.6	3.50	4.00	1.63	YES	
L0001178	0	0.97260E-08	480737.3	3769945.1	376.6	3.50	4.00	1.63	YES	
L0001179	0	0.97260E-08	480737.4	3769936.5	376.6	3.50	4.00	1.63	YES	
L0001180	0	0.97260E-08	480737.5	3769927.9	376.6	3.50	4.00	1.63	YES	
L0001181	0	0.97260E-08	480737.6	3769919.3	376.6	3.50	4.00	1.63	YES	
L0001182	0	0.97260E-08	480737.6	3769910.7	376.6	3.50	4.00	1.63	YES	
L0001183	0	0.97260E-08	480737.7	3769902.1	376.6	3.50	4.00	1.63	YES	
L0001184	0	0.97260E-08	480737.8	3769893.5	376.7	3.50	4.00	1.63	YES	
L0001185	0	0.97260E-08	480737.9	3769884.9	376.7	3.50	4.00	1.63	YES	

```
L0001186         0   0.97260E-08  480737.9 3769876.3   376.7     3.50     4.00     1.63     YES
L0001187         0   0.97260E-08  480738.0 3769867.8   376.7     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                               ***        14:34:49
                                                                                                               PAGE   8
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT     SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.                (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

L0001188         0   0.97260E-08  480738.1 3769859.2   376.7     3.50     4.00     1.63     YES
L0001189         0   0.97260E-08  480738.1 3769850.6   376.7     3.50     4.00     1.63     YES
L0001190         0   0.97260E-08  480738.2 3769842.0   376.8     3.50     4.00     1.63     YES
L0001191         0   0.97260E-08  480738.3 3769833.4   376.8     3.50     4.00     1.63     YES
L0001192         0   0.97260E-08  480738.4 3769824.8   376.9     3.50     4.00     1.63     YES
L0001193         0   0.97260E-08  480738.4 3769816.2   376.9     3.50     4.00     1.63     YES
L0001194         0   0.97260E-08  480738.5 3769807.6   377.0     3.50     4.00     1.63     YES
L0001195         0   0.97260E-08  480738.6 3769799.0   377.1     3.50     4.00     1.63     YES
L0001196         0   0.97260E-08  480738.7 3769790.4   377.4     3.50     4.00     1.63     YES
L0001197         0   0.97260E-08  480738.7 3769781.8   377.6     3.50     4.00     1.63     YES
L0001198         0   0.97260E-08  480738.8 3769773.3   377.8     3.50     4.00     1.63     YES
L0001199         0   0.97260E-08  480738.9 3769764.7   378.1     3.50     4.00     1.63     YES
L0001200         0   0.97260E-08  480739.0 3769756.1   378.4     3.50     4.00     1.63     YES
L0001201         0   0.97260E-08  480739.0 3769747.5   378.8     3.50     4.00     1.63     YES
L0001202         0   0.97260E-08  480739.1 3769738.9   379.1     3.50     4.00     1.63     YES
L0001203         0   0.97260E-08  480739.2 3769730.3   379.5     3.50     4.00     1.63     YES
L0001204         0   0.97260E-08  480739.2 3769721.7   379.9     3.50     4.00     1.63     YES
L0001205         0   0.97260E-08  480739.3 3769713.1   380.3     3.50     4.00     1.63     YES
L0001206         0   0.97260E-08  480739.4 3769704.5   380.7     3.50     4.00     1.63     YES
L0001207         0   0.97260E-08  480739.5 3769695.9   381.1     3.50     4.00     1.63     YES
L0001208         0   0.97260E-08  480739.5 3769687.3   381.5     3.50     4.00     1.63     YES
L0001209         0   0.97260E-08  480739.6 3769678.8   381.9     3.50     4.00     1.63     YES
L0001210         0   0.97260E-08  480739.7 3769670.2   382.2     3.50     4.00     1.63     YES
L0001211         0   0.97260E-08  480739.8 3769661.6   382.6     3.50     4.00     1.63     YES
L0001212         0   0.97260E-08  480739.8 3769653.0   383.0     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                               ***        14:34:49
                                                                                                               PAGE   9
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                        SOURCE IDs
```

```
----------                                          ----------

 ALL        STCK1      , STCK2      , STCK3      , STCK4      , STCK5      , L0000988    , L0000989    , L0000990    ,
            L0000991    , L0000992    , L0000993    , L0000994    , L0000995    , L0000996    , L0000997    , L0000998    ,
            L0000999    , L0001000    , L0001001    , L0001002    , L0001003    , L0001004    , L0001005    , L0001006    ,
            L0001007    , L0001008    , L0001009    , L0001010    , L0001011    , L0001012    , L0001013    , L0001014    ,
            L0001015    , L0001016    , L0001017    , L0001018    , L0001019    , L0001020    , L0001021    , L0001022    ,
            L0001023    , L0001024    , L0001025    , L0001026    , L0001027    , L0001028    , L0001029    , L0001030    ,
            L0001031    , L0001032    , L0001033    , L0001034    , L0001035    , L0001036    , L0001037    , L0001038    ,
            L0001039    , L0001040    , L0001041    , L0001042    , L0001043    , L0001044    , L0001045    , L0001046    ,
            L0001047    , L0001048    , L0001049    , L0001050    , L0001051    , L0001052    , L0001053    , L0001054    ,
            L0001055    , L0001056    , L0001057    , L0001058    , L0001059    , L0001060    , L0001061    , L0001062    ,
            L0001063    , L0001064    , L0001065    , L0001066    , L0001067    , L0001068    , L0001069    , L0001070    ,
            L0001071    , L0001072    , L0001073    , L0001074    , L0001075    , L0001076    , L0001077    , L0001078    ,
            L0001079    , L0001080    , L0001081    , L0001082    , L0001083    , L0001084    , L0001085    , L0001086    ,
            L0001087    , L0001088    , L0001089    , L0001090    , L0001091    , L0001092    , L0001093    , L0001094    ,
            L0001095    , L0001096    , L0001097    , L0001098    , L0001099    , L0001100    , L0001101    , L0001102    ,
            L0001103    , L0001104    , L0001105    , L0001106    , L0001107    , L0001108    , L0001109    , L0001110    ,
            L0001111    , L0001112    , L0001113    , L0001114    , L0001115    , L0001116    , L0001117    , L0001118    ,
            L0001119    , L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
            L0001127    , L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
            L0001135    , L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

            L0001143    , L0001144    , L0001145    , L0001146    , L0001147    , L0001148    , L0001149    , L0001150    ,
            L0001151    , L0001152    , L0001153    , L0001154    , L0001155    , L0001156    , L0001157    , L0001158    ,
            L0001159    , L0001160    , L0001161    , L0001162    , L0001163    , L0001164    , L0001165    , L0001166    ,
            L0001167    , L0001168    , L0001169    , L0001170    , L0001171    , L0001172    , L0001173    , L0001174    ,
            L0001175    , L0001176    , L0001177    , L0001178    , L0001179    , L0001180    , L0001181    , L0001182    ,
            L0001183    , L0001184    , L0001185    , L0001186    , L0001187    , L0001188    , L0001189    , L0001190    ,
            L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    , L0001197    , L0001198    ,
            L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    , L0001205    , L0001206    ,
            L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                          ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                               ***        14:34:49
                                                                                                               PAGE  11
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

             2035210.   STCK1       , STCK2       , STCK3       , STCK4       , STCK5       , L0000988    , L0000989    ,
L0000990    ,
            L0000991    , L0000992    , L0000993    , L0000994    , L0000995    , L0000996    , L0000997    , L0000998    ,
            L0000999    , L0001000    , L0001001    , L0001002    , L0001003    , L0001004    , L0001005    , L0001006    ,
            L0001007    , L0001008    , L0001009    , L0001010    , L0001011    , L0001012    , L0001013    , L0001014    ,
            L0001015    , L0001016    , L0001017    , L0001018    , L0001019    , L0001020    , L0001021    , L0001022    ,
            L0001023    , L0001024    , L0001025    , L0001026    , L0001027    , L0001028    , L0001029    , L0001030    ,
            L0001031    , L0001032    , L0001033    , L0001034    , L0001035    , L0001036    , L0001037    , L0001038    ,
            L0001039    , L0001040    , L0001041    , L0001042    , L0001043    , L0001044    , L0001045    , L0001046    ,
```

L0001047 , L0001048 , L0001049 , L0001050 , L0001051 , L0001052 , L0001053 , L0001054 ,

L0001055 , L0001056 , L0001057 , L0001058 , L0001059 , L0001060 , L0001061 , L0001062 ,

L0001063 , L0001064 , L0001065 , L0001066 , L0001067 , L0001068 , L0001069 , L0001070 ,

L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 , L0001078 ,

L0001079 , L0001080 , L0001081 , L0001082 , L0001083 , L0001084 , L0001085 , L0001086 ,

L0001087 , L0001088 , L0001089 , L0001090 , L0001091 , L0001092 , L0001093 , L0001094 ,

L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,

L0001103 , L0001104 , L0001105 , L0001106 , L0001107 , L0001108 , L0001109 , L0001110 ,

L0001111 , L0001112 , L0001113 , L0001114 , L0001115 , L0001116 , L0001117 , L0001118 ,

L0001119 , L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 ,

L0001127 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 ,

L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 ,

L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 ,

L0001159 , L0001160 , L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 ,

L0001167 , L0001168 , L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 ,

L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 ,

L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 ,

L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 ,

L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-127.1,	-81.3,	2	10.7,	178.2,	197.9,	-115.5,	-85.8,
3	10.7,	195.4,	201.7,	-100.3,	-87.9,	4	10.7,	206.7,	199.4,	-82.2,	-87.3,
5	10.7,	211.8,	191.0,	-61.5,	-84.0,	6	10.7,	210.4,	176.8,	-39.0,	-78.2,
7	10.7,	202.6,	157.3,	-15.2,	-70.0,	8	10.7,	189.5,	132.9,	9.0,	-60.2,
9	10.7,	172.6,	129.3,	10.0,	-48.5,	10	10.7,	188.1,	155.8,	3.4,	-33.0,
11	10.7,	197.9,	178.2,	-3.2,	-16.5,	12	10.7,	201.7,	195.4,	-9.8,	0.5,
13	10.7,	199.4,	206.7,	-16.1,	17.5,	14	10.7,	191.0,	211.8,	-21.9,	34.0,
15	10.7,	176.8,	210.4,	-27.0,	49.4,	16	10.7,	157.3,	202.6,	-31.3,	63.4,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	10.7,	155.8,	188.1,	-61.0,	81.3,	20	10.7,	178.2,	197.9,	-82.5,	85.8,
21	10.7,	195.4,	201.7,	-101.4,	87.9,	22	10.7,	206.7,	199.4,	-117.2,	87.3,
23	10.7,	211.8,	191.0,	-129.5,	84.0,	24	10.7,	210.4,	176.8,	-137.9,	78.2,
25	10.7,	202.6,	157.3,	-142.0,	70.0,	26	10.7,	189.5,	132.9,	-141.9,	60.2,
27	10.7,	172.6,	129.3,	-139.3,	48.5,	28	10.7,	188.1,	155.8,	-159.2,	33.0,
29	10.7,	197.9,	178.2,	-174.9,	16.5,	30	10.7,	201.7,	195.4,	-185.6,	-0.5,
31	10.7,	199.4,	206.7,	-190.7,	-17.5,	32	10.7,	191.0,	211.8,	-189.9,	-34.0,
33	10.7,	176.8,	210.4,	-183.4,	-49.4,	34	10.7,	157.3,	202.6,	-171.4,	-63.4,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-110.3,	-53.0,	2	10.7,	178.2,	197.9,	-103.9,	-55.0,
3	10.7,	195.4,	201.7,	-94.3,	-55.5,	4	10.7,	206.7,	199.4,	-81.8,	-54.3,
5	10.7,	211.8,	191.0,	-66.9,	-51.5,	6	10.7,	210.4,	176.8,	-49.9,	-47.1,
7	10.7,	202.6,	157.3,	-31.4,	-41.3,	8	10.7,	189.5,	132.9,	-12.0,	-34.7,
9	10.7,	172.6,	129.3,	-15.0,	-27.1,	10	10.7,	188.1,	155.8,	-24.9,	-16.2,
11	10.7,	197.9,	178.2,	-34.1,	-4.9,	12	10.7,	201.7,	195.4,	-42.2,	6.6,
13	10.7,	199.4,	206.7,	-49.0,	17.9,	14	10.7,	191.0,	211.8,	-54.4,	28.6,
15	10.7,	176.8,	210.4,	-58.0,	38.5,	16	10.7,	157.3,	202.6,	-60.0,	47.2,
17	10.7,	132.9,	189.5,	-60.1,	54.5,	18	10.7,	129.3,	172.6,	-59.2,	49.6,
19	10.7,	155.8,	188.1,	-77.8,	53.0,	20	10.7,	178.2,	197.9,	-94.1,	55.0,
21	10.7,	195.4,	201.7,	-107.5,	55.5,	22	10.7,	206.7,	199.4,	-117.6,	54.3,
23	10.7,	211.8,	191.0,	-124.1,	51.5,	24	10.7,	210.4,	176.8,	-126.9,	47.1,
25	10.7,	202.6,	157.3,	-125.9,	41.3,	26	10.7,	189.5,	132.9,	-121.0,	34.7,
27	10.7,	172.6,	129.3,	-114.3,	27.1,	28	10.7,	188.1,	155.8,	-130.9,	16.2,
29	10.7,	197.9,	178.2,	-144.1,	4.9,	30	10.7,	201.7,	195.4,	-153.2,	-6.6,
31	10.7,	199.4,	206.7,	-157.7,	-17.9,	32	10.7,	191.0,	211.8,	-157.4,	-28.6,

33	10.7,	176.8,	210.4,	-152.4,	-38.5,	34	10.7,	157.3,	202.6,	-142.6,	-47.2,
35	10.7,	132.9,	189.5,	-129.5,	-54.5,	36	10.7,	129.3,	172.6,	-113.4,	-49.6,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-82.5,	-48.5,	2	10.7,	178.2,	197.9,	-77.2,	-45.7,
3	10.7,	195.4,	201.7,	-69.6,	-41.8,	4	10.7,	206.7,	199.4,	-59.9,	-36.5,
5	10.7,	211.8,	191.0,	-48.4,	-30.2,	6	10.7,	210.4,	176.8,	-35.4,	-22.9,
7	10.7,	202.6,	157.3,	-21.4,	-15.0,	8	10.7,	189.5,	132.9,	-6.6,	-7.0,
9	10.7,	172.6,	129.3,	-14.6,	1.1,	10	10.7,	188.1,	155.8,	-29.4,	11.6,
11	10.7,	197.9,	178.2,	-43.3,	21.7,	12	10.7,	201.7,	195.4,	-55.9,	31.2,
13	10.7,	199.4,	206.7,	-66.8,	39.8,	14	10.7,	191.0,	211.8,	-75.7,	47.1,
15	10.7,	176.8,	210.4,	-82.3,	53.0,	16	10.7,	157.3,	202.6,	-86.3,	57.3,
17	10.7,	132.9,	189.5,	-87.8,	59.8,	18	10.7,	129.3,	172.6,	-87.4,	50.1,
19	10.7,	155.8,	188.1,	-105.7,	48.5,	20	10.7,	178.2,	197.9,	-120.7,	45.7,
21	10.7,	195.4,	201.7,	-132.1,	41.8,	22	10.7,	206.7,	199.4,	-139.5,	36.5,
23	10.7,	211.8,	191.0,	-142.6,	30.2,	24	10.7,	210.4,	176.8,	-141.4,	22.9,
25	10.7,	202.6,	157.3,	-135.9,	15.0,	26	10.7,	189.5,	132.9,	-126.3,	7.0,
27	10.7,	172.6,	129.3,	-114.7,	-1.1,	28	10.7,	188.1,	155.8,	-126.4,	-11.6,
29	10.7,	197.9,	178.2,	-134.8,	-21.7,	30	10.7,	201.7,	195.4,	-139.5,	-31.2,
31	10.7,	199.4,	206.7,	-139.9,	-39.8,	32	10.7,	191.0,	211.8,	-136.1,	-47.1,
33	10.7,	176.8,	210.4,	-128.1,	-53.0,	34	10.7,	157.3,	202.6,	-116.3,	-57.3,
35	10.7,	132.9,	189.5,	-101.8,	-59.8,	36	10.7,	129.3,	172.6,	-85.2,	-50.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-52.4,	-41.7,	2	10.7,	178.2,	197.9,	-48.8,	-33.8,
3	10.7,	195.4,	201.7,	-43.7,	-25.1,	4	10.7,	206.7,	199.4,	-37.3,	-15.6,
5	10.7,	211.8,	191.0,	-29.8,	-5.7,	6	10.7,	210.4,	176.8,	-21.3,	4.5,
7	10.7,	202.6,	157.3,	-12.2,	14.4,	8	10.7,	189.5,	132.9,	-2.8,	23.6,
9	10.7,	172.6,	129.3,	-16.1,	31.9,	10	10.7,	188.1,	155.8,	-36.2,	41.6,
11	10.7,	197.9,	178.2,	-55.2,	50.1,	12	10.7,	201.7,	195.4,	-72.6,	57.1,
13	10.7,	199.4,	206.7,	-87.8,	62.4,	14	10.7,	191.0,	211.8,	-100.2,	65.7,
15	10.7,	176.8,	210.4,	-109.6,	67.1,	16	10.7,	157.3,	202.6,	-115.8,	66.4,
17	10.7,	132.9,	189.5,	-118.3,	63.7,	18	10.7,	129.3,	172.6,	-118.2,	48.6,
19	10.7,	155.8,	188.1,	-135.7,	41.7,	20	10.7,	178.2,	197.9,	-149.1,	33.8,
21	10.7,	195.4,	201.7,	-158.0,	25.1,	22	10.7,	206.7,	199.4,	-162.1,	15.6,
23	10.7,	211.8,	191.0,	-161.2,	5.7,	24	10.7,	210.4,	176.8,	-155.5,	-4.5,
25	10.7,	202.6,	157.3,	-145.0,	-14.4,	26	10.7,	189.5,	132.9,	-130.2,	-23.6,
27	10.7,	172.6,	129.3,	-113.2,	-31.9,	28	10.7,	188.1,	155.8,	-119.6,	-41.6,
29	10.7,	197.9,	178.2,	-122.9,	-50.1,	30	10.7,	201.7,	195.4,	-122.8,	-57.1,
31	10.7,	199.4,	206.7,	-119.0,	-62.4,	32	10.7,	191.0,	211.8,	-111.6,	-65.7,
33	10.7,	176.8,	210.4,	-100.8,	-67.1,	34	10.7,	157.3,	202.6,	-86.9,	-66.4,
35	10.7,	132.9,	189.5,	-71.2,	-63.7,	36	10.7,	129.3,	172.6,	-54.4,	-48.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	10.7,	155.8,	188.1,	-24.0,	-37.8,	2	10.7,	178.2,	197.9,	-21.6,	-25.0,
3	10.7,	195.4,	201.7,	-18.4,	-11.7,	4	10.7,	206.7,	199.4,	-14.7,	2.0,
5	10.7,	211.8,	191.0,	-10.6,	15.6,	6	10.7,	210.4,	176.8,	-6.1,	28.7,
7	10.7,	202.6,	157.3,	-1.4,	41.0,	8	10.7,	189.5,	132.9,	3.2,	51.6,
9	10.7,	172.6,	129.3,	-15.0,	60.5,	10	10.7,	188.1,	155.8,	-40.1,	70.0,
11	10.7,	197.9,	178.2,	-64.0,	77.4,	12	10.7,	201.7,	195.4,	-86.0,	82.5,
13	10.7,	199.4,	206.7,	-105.3,	85.0,	14	10.7,	191.0,	211.8,	-121.5,	84.9,
15	10.7,	176.8,	210.4,	-133.9,	82.3,	16	10.7,	157.3,	202.6,	-142.3,	77.2,
17	10.7,	132.9,	189.5,	-146.3,	69.7,	18	10.7,	129.3,	172.6,	-146.8,	49.6,
19	10.7,	155.8,	188.1,	-164.1,	37.8,	20	10.7,	178.2,	197.9,	-176.4,	25.0,
21	10.7,	195.4,	201.7,	-183.3,	11.7,	22	10.7,	206.7,	199.4,	-184.7,	-2.0,
23	10.7,	211.8,	191.0,	-180.5,	-15.6,	24	10.7,	210.4,	176.8,	-170.7,	-28.7,
25	10.7,	202.6,	157.3,	-155.8,	-41.0,	26	10.7,	189.5,	132.9,	-136.2,	-51.6,
27	10.7,	172.6,	129.3,	-114.3,	-60.5,	28	10.7,	188.1,	155.8,	-115.7,	-70.0,
29	10.7,	197.9,	178.2,	-114.1,	-77.4,	30	10.7,	201.7,	195.4,	-109.4,	-82.5,
31	10.7,	199.4,	206.7,	-101.4,	-85.0,	32	10.7,	191.0,	211.8,	-90.3,	-84.9,
33	10.7,	176.8,	210.4,	-76.5,	-82.3,	34	10.7,	157.3,	202.6,	-60.3,	-77.2,
35	10.7,	132.9,	189.5,	-43.2,	-69.7,	36	10.7,	129.3,	172.6,	-25.8,	-49.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

479883.5, 479933.5, 479983.5, 480033.5, 480083.5, 480133.5, 480183.5, 480233.5, 480283.5, 480333.5,
480383.5, 480433.5, 480483.5, 480533.5, 480583.5, 480633.5, 480683.5, 480733.5, 480783.5, 480833.5,
480883.5,

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

3769867.4, 3769917.4, 3769967.4, 3770017.4, 3770067.4, 3770117.4, 3770167.4, 3770217.4, 3770267.4, 3770317.4,
3770367.4, 3770417.4, 3770467.4, 3770517.4, 3770567.4, 3770617.4, 3770667.4, 3770717.4, 3770767.4, 3770817.4,
3770867.4,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	359.90	362.60	364.60	364.70	364.70	364.70	366.90	367.50	367.80
3770817.38	361.10	363.10	364.20	364.50	365.20	365.90	367.40	367.90	368.20
3770767.38	362.80	363.60	364.50	365.10	365.80	366.50	367.30	367.90	368.30
3770717.38	362.80	363.70	364.40	365.10	365.80	366.50	367.20	367.70	368.10
3770667.38	362.70	363.70	364.40	365.00	365.80	366.50	367.30	367.80	368.30
3770617.38	362.60	363.90	364.50	365.20	365.90	366.60	367.30	367.70	368.10
3770567.38	362.70	363.90	364.50	365.30	365.80	366.30	366.90	367.30	367.80
3770517.38	362.80	363.80	363.10	365.80	365.80	366.10	366.60	367.10	367.40
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	366.40	366.70	367.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	366.50	366.80
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	367.70
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	368.00	368.80	369.40	370.10	371.20	372.80	373.10	373.90	374.70
3770817.38	368.40	369.00	369.60	370.40	371.10	372.90	373.00	373.60	374.40
3770767.38	368.90	369.50	370.10	370.80	371.60	372.50	373.20	373.90	374.50
3770717.38	368.90	370.00	370.50	371.10	371.90	372.70	373.80	374.40	374.80

3770667.38	369.10	370.40	370.40	370.70	371.70	372.80	373.80	374.00	374.90
3770617.38	369.20	370.30	370.10	370.60	371.30	372.40	373.10	373.60	375.10
3770567.38	368.80	369.30	369.60	369.80	370.80	372.20	373.00	373.70	375.30
3770517.38	367.90	368.10	368.30	368.80	369.80	372.00	373.00	373.70	375.50
3770467.38	367.30	367.60	367.90	368.50	369.70	371.90	373.00	373.70	375.60
3770417.38	367.10	367.40	367.60	368.30	370.10	372.50	373.90	374.10	375.80
3770367.38	368.30	368.90	369.60	370.40	371.90	373.30	374.30	375.00	376.00
3770317.38	368.20	369.40	370.10	370.90	372.10	373.80	374.30	374.60	376.10
3770267.38	368.00	369.60	370.20	371.10	372.10	373.70	374.20	374.70	376.30
3770217.38	368.00	369.90	370.60	371.50	372.40	374.20	374.40	375.20	376.50
3770167.38	369.10	370.40	371.30	372.00	372.90	374.30	374.60	375.50	376.70
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	374.70	376.00	376.70
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	376.00	376.60
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	376.60
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	375.40	376.20	376.40
3770817.38	374.90	376.70	376.90
3770767.38	374.70	376.10	376.90
3770717.38	375.40	376.10	377.30
3770667.38	375.80	376.30	377.20
3770617.38	374.60	375.80	376.40
3770567.38	373.40	374.90	376.40
3770517.38	373.70	376.50	377.00
3770467.38	374.20	376.90	377.40
3770417.38	374.90	376.90	377.50
3770367.38	376.20	377.00	377.80
3770317.38	376.40	377.40	378.80
3770267.38	376.80	377.40	378.00
3770217.38	377.90	378.20	377.90
3770167.38	378.10	378.50	378.40
3770117.38	377.70	378.00	378.10
3770067.38	377.90	378.20	378.60
3770017.38	378.10	378.90	379.50
3769967.38	377.30	377.90	378.70
3769917.38	377.40	377.80	378.40

3769867.38 | 377.20 377.90 378.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	479883.54	479933.54	479983.54	480033.54	480083.54	480133.54	480183.54	480233.54	480283.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	1409.60	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	362.60	363.90	1409.60	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00
3770567.38	362.70	363.90	364.50	365.30	2396.90	2396.90	2397.00	2397.00	2397.00
3770517.38	362.80	363.80	363.10	365.80	365.80	2396.90	2396.90	2397.00	2397.00
3770467.38	362.80	363.70	362.90	366.10	365.90	366.00	2396.90	2397.00	2397.00
3770417.38	362.60	363.40	362.70	365.90	365.80	366.00	366.30	2396.90	2397.00
3770367.38	362.60	363.20	364.00	365.60	366.10	366.50	367.00	367.30	2396.90
3770317.38	362.10	363.20	364.30	366.00	366.30	366.50	367.00	367.30	367.60
3770267.38	362.00	363.40	364.40	365.60	365.80	366.10	366.60	367.20	367.60
3770217.38	362.00	363.70	365.10	365.70	365.50	365.70	366.10	366.50	367.10
3770167.38	363.00	364.10	365.00	365.70	366.10	366.90	367.50	367.70	368.00
3770117.38	363.70	364.50	365.80	366.10	366.30	368.40	369.20	369.50	369.80
3770067.38	363.70	364.40	365.90	366.30	366.50	367.80	368.70	369.10	369.60
3770017.38	364.30	364.40	366.00	366.60	367.30	367.60	368.40	369.00	369.50
3769967.38	363.70	364.50	365.60	366.30	367.00	367.60	368.40	368.90	369.40
3769917.38	364.20	364.90	366.50	367.00	367.00	367.50	368.50	369.00	369.60
3769867.38	364.60	365.30	365.90	366.70	367.00	367.60	368.10	368.60	369.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00

3770817.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770367.38	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770317.38	2396.90	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770267.38	368.00	369.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00	2397.00
3770217.38	368.00	369.90	370.60	2396.90	2397.00	2397.00	2397.00	2397.00	2397.00
3770167.38	369.10	370.40	371.30	372.00	2396.90	2396.90	2397.00	2397.00	2397.00
3770117.38	370.30	370.70	372.10	372.70	372.70	373.50	2396.90	2397.00	2397.00
3770067.38	370.20	370.90	372.40	372.70	372.60	373.40	374.80	2396.90	2397.00
3770017.38	370.20	371.30	372.70	372.80	372.70	373.90	374.90	376.00	2396.90
3769967.38	370.00	370.90	371.60	372.00	372.50	373.60	374.40	375.40	376.50
3769917.38	370.20	371.40	371.80	372.60	372.60	373.60	374.30	375.10	376.50
3769867.38	369.30	369.90	370.30	370.70	372.60	373.50	374.20	375.00	376.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 480783.54	480833.54	480883.54
3770867.38	2397.00	2397.00	2397.00
3770817.38	2397.00	2397.00	2397.00
3770767.38	2397.00	2397.00	2397.00
3770717.38	2397.00	2397.00	2397.00
3770667.38	2397.00	2397.00	2397.00
3770617.38	2397.00	2397.00	2397.00
3770567.38	2397.00	2397.00	2397.00
3770517.38	2397.00	2397.00	2397.00
3770467.38	2397.00	2397.00	2397.00
3770417.38	2397.00	2397.00	2397.00
3770367.38	2397.00	2397.00	2397.00
3770317.38	2397.00	2397.00	2397.00
3770267.38	2397.00	2397.00	2397.00
3770217.38	2397.00	2397.00	2397.00
3770167.38	2397.00	2397.00	2397.00
3770117.38	2397.00	2397.00	2397.00
3770067.38	2397.00	2397.00	2397.00

```
 3770017.38 |       2396.90      2397.00      2397.00
 3769967.38 |       2396.90      2396.90      2397.00
 3769917.38 |        377.40       377.80      2396.90
 3769867.38 |        377.20       377.90       378.40
```


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

```
   ( 480373.4, 3770154.8,     370.3,     370.3,       0.0);        ( 480335.6, 3770154.8,     369.6,     369.6,       0.0);
   ( 480308.2, 3770150.3,     369.3,     369.3,       0.0);        ( 480281.3, 3770152.4,     368.9,     368.9,       0.0);
   ( 480245.5, 3770152.8,     368.7,     368.7,       0.0);        ( 480378.7, 3770067.4,     370.8,     370.8,       0.0);
   ( 480062.0, 3770132.0,     365.9,     365.9,       0.0);        ( 480813.9, 3770460.3,     376.8,    2397.0,       0.0);
   ( 480301.8, 3770594.8,     368.2,    2397.0,       0.0);
```


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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001012	480383.5	3770367.4	0.03
L0001017	480433.5	3770367.4	0.34
L0001018	480433.5	3770367.4	0.64
L0001023	480483.5	3770367.4	-0.30
L0001029	480533.5	3770367.4	-0.68
L0001035	480583.5	3770367.4	-0.77
L0001041	480633.5	3770367.4	-0.55
L0001046	480683.5	3770367.4	0.47
L0001047	480683.5	3770367.4	-0.06
L0001052	480733.5	3770367.4	-0.31
L0001056	480733.5	3770417.4	-1.41
L0001057	480733.5	3770417.4	-7.15
L0001062	480733.5	3770467.4	-2.93
L0001063	480733.5	3770467.4	-5.60
L0001068	480733.5	3770517.4	-4.43
L0001069	480733.5	3770517.4	-4.04
L0001074	480733.5	3770567.4	-5.87
L0001075	480733.5	3770567.4	-2.48

L0001080	480733.5	3770617.4	-7.04
L0001081	480733.5	3770617.4	-0.92
L0001085	480733.5	3770667.4	-0.43
L0001086	480733.5	3770667.4	-7.09
L0001087	480733.5	3770667.4	0.64
L0001091	480733.5	3770717.4	-1.90
L0001092	480733.5	3770717.4	-5.96
L0001097	480733.5	3770767.4	-3.31
L0001098	480733.5	3770767.4	-4.53
L0001103	480733.5	3770817.4	-4.62
L0001104	480733.5	3770817.4	-3.03
L0001109	480733.5	3770867.4	-5.67
L0001110	480733.5	3770867.4	-1.51
L0001129	480733.5	3770367.4	-7.20
L0001134	480733.5	3770317.4	-2.91
L0001135	480733.5	3770317.4	-5.61
L0001140	480733.5	3770267.4	-4.36
L0001141	480733.5	3770267.4	-4.00
L0001146	480733.5	3770217.4	-5.64
L0001147	480733.5	3770217.4	-2.40
L0001152	480733.5	3770167.4	-6.45
L0001153	480733.5	3770167.4	-0.80

*** 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)
L0001157	480733.5	3770117.4	-0.21
L0001158	480733.5	3770117.4	-6.22
L0001159	480733.5	3770117.4	0.81
L0001163	480733.5	3770067.4	-1.52
L0001164	480733.5	3770067.4	-5.15
L0001169	480733.5	3770017.4	-2.70
L0001170	480733.5	3770017.4	-3.78
L0001175	480733.5	3769967.4	-3.63
L0001176	480733.5	3769967.4	-2.30
L0001181	480733.5	3769917.4	-4.15
L0001182	480733.5	3769917.4	-0.77
L0001187	480733.5	3769867.4	-4.12
L0001188	480733.5	3769867.4	0.79

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\RDLD_V9_ADJU\RDLD_v9.SFC Met Version: 16216
Profile file: E:\New MET data\RDLD_V9_ADJU\RDLD_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5

```
12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10   81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40   72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68   78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80  333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80   72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80  277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70  243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30  274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90  252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90  116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27   79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90   95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90   99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90  110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30   89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90  105.    9.1  285.9    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                                       ***        14:34:49
                                                                                                                      PAGE  27
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               L0000988    , L0000989    , L0000990    , L0000991    , L0000992    , L0000993    , L0000994    , L0000995    ,
               L0000996    , L0000997    , L0000998    , L0000999    , L0001000    , L0001001    , L0001002    , L0001003    ,
               L0001004    , L0001005    , L0001006    , L0001007    , L0001008    , L0001009    , L0001010    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     479883.54    479933.54    479983.54    480033.54    480083.54    480133.54    480183.54    480233.54    480283.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00004      0.00004      0.00004
 3770817.38 |       0.00003      0.00003      0.00003      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
 3770767.38 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005
 3770717.38 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006
 3770667.38 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00007      0.00007      0.00007      0.00007
 3770617.38 |       0.00007      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008
 3770567.38 |       0.00010      0.00011      0.00011      0.00011      0.00011      0.00010      0.00010      0.00010      0.00010
```

3770517.38	0.00013	0.00014	0.00015	0.00016	0.00015	0.00014	0.00014	0.00013	0.00013
3770467.38	0.00016	0.00018	0.00020	0.00022	0.00022	0.00021	0.00020	0.00018	0.00017
3770417.38	0.00018	0.00022	0.00025	0.00030	0.00032	0.00033	0.00031	0.00028	0.00026
3770367.38	0.00017	0.00022	0.00027	0.00034	0.00040	0.00045	0.00049	0.00050	0.00049
3770317.38	0.00015	0.00019	0.00024	0.00031	0.00038	0.00047	0.00058	0.00070	0.00086
3770267.38	0.00012	0.00015	0.00018	0.00023	0.00028	0.00035	0.00045	0.00060	0.00090
3770217.38	0.00009	0.00011	0.00013	0.00015	0.00018	0.00021	0.00026	0.00033	0.00050
3770167.38	0.00007	0.00008	0.00009	0.00010	0.00012	0.00013	0.00016	0.00018	0.00023
3770117.38	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010	0.00012	0.00014	0.00017
3770067.38	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010	0.00012	0.00013
3770017.38	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010	0.00011
3769967.38	0.00004	0.00004	0.00005	0.00006	0.00006	0.00007	0.00008	0.00009	0.00009
3769917.38	0.00004	0.00004	0.00004	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008
3769867.38	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000988 , L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 ,
L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 ,
L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 480333.54	480383.54	480433.54	480483.54	480533.54	480583.54	480633.54	480683.54	480733.54
3770867.38	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
3770817.38	0.00004	0.00004	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3770767.38	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
3770717.38	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005
3770667.38	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00005	0.00005
3770617.38	0.00009	0.00009	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00006
3770567.38	0.00011	0.00011	0.00011	0.00011	0.00010	0.00009	0.00009	0.00008	0.00007
3770517.38	0.00013	0.00013	0.00014	0.00014	0.00013	0.00012	0.00011	0.00010	0.00009
3770467.38	0.00018	0.00018	0.00019	0.00019	0.00018	0.00016	0.00014	0.00013	0.00012
3770417.38	0.00028	0.00031	0.00033	0.00032	0.00028	0.00025	0.00023	0.00021	0.00018
3770367.38	0.00056	0.00059	0.00048	0.00057	0.00062	0.00052	0.00049	0.00039	0.00035
3770317.38	0.00100	0.00073	0.00053	0.00050	0.00055	0.00043	0.00035	0.00031	0.00034
3770267.38	0.00108	0.00101	0.00083	0.00068	0.00063	0.00049	0.00038	0.00033	0.00036
3770217.38	0.00076	0.00071	0.00063	0.00058	0.00065	0.00046	0.00037	0.00033	0.00036
3770167.38	0.00033	0.00040	0.00035	0.00036	0.00050	0.00034	0.00030	0.00028	0.00034
3770117.38	0.00020	0.00024	0.00026	0.00028	0.00026	0.00025	0.00023	0.00023	0.00026
3770067.38	0.00016	0.00017	0.00017	0.00017	0.00018	0.00018	0.00018	0.00019	0.00026

```
 3770017.38 |       0.00012      0.00013      0.00012      0.00013      0.00013      0.00013      0.00014      0.00015      0.00023
 3769967.38 |       0.00010      0.00010      0.00010      0.00010      0.00011      0.00011      0.00011      0.00013      0.00021
 3769917.38 |       0.00008      0.00008      0.00008      0.00008      0.00009      0.00009      0.00009      0.00011      0.00020
 3769867.38 |       0.00007      0.00007      0.00007      0.00007      0.00007      0.00007      0.00008      0.00010      0.00019

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                                       ***        14:34:49
                                                                                                                      PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               L0000988    , L0000989    , L0000990    , L0000991    , L0000992    , L0000993    , L0000994    , L0000995    ,
               L0000996    , L0000997    , L0000998    , L0000999    , L0001000    , L0001001    , L0001002    , L0001003    ,
               L0001004    , L0001005    , L0001006    , L0001007    , L0001008    , L0001009    , L0001010    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     480783.54    480833.54    480883.54
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3770867.38 |       0.00003      0.00002      0.00002
 3770817.38 |       0.00003      0.00003      0.00003
 3770767.38 |       0.00004      0.00003      0.00003
 3770717.38 |       0.00004      0.00004      0.00003
 3770667.38 |       0.00005      0.00004      0.00004
 3770617.38 |       0.00005      0.00005      0.00004
 3770567.38 |       0.00006      0.00006      0.00005
 3770517.38 |       0.00008      0.00007      0.00006
 3770467.38 |       0.00010      0.00008      0.00007
 3770417.38 |       0.00013      0.00010      0.00008
 3770367.38 |       0.00018      0.00013      0.00010
 3770317.38 |       0.00021      0.00016      0.00013
 3770267.38 |       0.00024      0.00018      0.00014
 3770217.38 |       0.00024      0.00018      0.00015
 3770167.38 |       0.00022      0.00017      0.00014
 3770117.38 |       0.00019      0.00015      0.00012
 3770067.38 |       0.00017      0.00013      0.00011
 3770017.38 |       0.00015      0.00011      0.00009
 3769967.38 |       0.00013      0.00010      0.00008
 3769917.38 |       0.00012      0.00008      0.00007
 3769867.38 |       0.00010      0.00007      0.00006

*** AERMOD - VERSION 22112  ***   *** 19518 Almond Avenue Warehouse 2nd 14YR                                  ***        10/04/22
*** AERMET - VERSION  16216 ***   *** DPM Conc 2041-54                                                       ***        14:34:49
                                                                                                                      PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
L0000988 , L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 ,
L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 ,
L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , . . . ,

*** 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
480373.40	3770154.77	0.00036	480335.59	3770154.77	0.00029
480308.24	3770150.35	0.00023	480281.29	3770152.36	0.00020
480245.49	3770152.76	0.00017	480378.70	3770067.38	0.00017
480061.96	3770132.04	0.00009	480813.93	3770460.26	0.00009
480301.81	3770594.82	0.00009			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 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	0.00108	AT (480333.54, 3770267.38, 368.00, 368.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00101	AT (480383.54, 3770267.38, 369.60, 369.60, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00100	AT (480333.54, 3770317.38, 368.20, 2396.90, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00090	AT (480283.54, 3770267.38, 367.60, 367.60, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00086	AT (480283.54, 3770317.38, 367.60, 367.60, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00083	AT (480433.54, 3770267.38, 370.20, 2396.90, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00076	AT (480333.54, 3770217.38, 368.00, 368.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00073	AT (480383.54, 3770317.38, 369.40, 2396.90, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00071	AT (480383.54, 3770217.38, 369.90, 369.90, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00070	AT (480233.54, 3770317.38, 367.30, 367.30, 0.00)	GC	UCART1

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

```
*** 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            7 Warning Message(s)
A Total of          388 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          191 Calm Hours Identified

A Total of          197 Missing Hours Identified (  0.45 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     337        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     338        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     339        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     340        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     341        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     777       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     777       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

EMFAC2021 for San Bernardino PM2.5 Running and Idling Exhaust

Area	Season	Veh	Fuel	MdlYr	Speed (Miles/hr)	2024 (gms/mile)	2025 (gms/mile)	2026 (gms/mile)	2027 (gms/mile)	2028 (gms/mile)	2029 (gms/mile)	2030 (gms/mile)	2031 (gms/mile)	2032 (gms/mile)	2033 (gms/mile)	2034 (gms/mile)	2035 (gms/mile)
San Bernardino	*Annual*	*LHDT2*	*DSL*	Aggregated	*0*	0.777688	0.777509	0.777544	0.777539	0.77765	0.777228	0.776552	0.772631	0.770784	0.768303	0.765381	0.761339
San Bernardino	Annual	LHDT2	DSL	Aggregated	5	0.065732	0.060612	0.056486	0.053235	0.050727	0.048784	0.047295	0.046041	0.04507	0.044345	0.043925	0.043383
San Bernardino	Annual	LHDT2	DSL	Aggregated	10	0.054347	0.050289	0.04702	0.044449	0.042473	0.040952	0.039803	0.03887	0.03818	0.037707	0.037493	0.037198
San Bernardino	Annual	LHDT2	DSL	Aggregated	35	0.02193	0.020552	0.019459	0.018621	0.017998	0.017541	0.017219	0.016983	0.016838	0.016776	0.01681	0.016819
San Bernardino	*Annual*	*MHDT*	*DSL*	Aggregated	*0*	0.07273	0.060303	0.049764	0.041162	0.034359	0.028849	0.024397	0.020752	0.018038	0.015804	0.014045	0.012547
San Bernardino	Annual	MHDT	DSL	Aggregated	5	0.047035	0.039388	0.032878	0.027462	0.023065	0.019496	0.016589	0.014187	0.012242	0.010647	0.009378	0.008311
San Bernardino	Annual	MHDT	DSL	Aggregated	10	0.038328	0.032074	0.026749	0.022318	0.018721	0.015799	0.013418	0.011449	0.009852	0.008541	0.007498	0.006618
San Bernardino	Annual	MHDT	DSL	Aggregated	35	0.008966	0.007687	0.006597	0.005684	0.004945	0.004336	0.003836	0.003412	0.003062	0.002766	0.002529	0.002319
San Bernardino	*Annual*	*HHDT*	*DSL*	Aggregated	*0*	0.015375	0.014634	0.013923	0.013343	0.012838	0.012276	0.011792	0.011375	0.011065	0.010815	0.010558	0.010383
San Bernardino	Annual	HHDT	DSL	Aggregated	5	0.014315	0.013927	0.013603	0.013294	0.013002	0.012669	0.012344	0.012015	0.011674	0.011385	0.011096	0.010891
San Bernardino	Annual	HHDT	DSL	Aggregated	10	0.012166	0.011786	0.011464	0.01116	0.010875	0.010558	0.01025	0.009941	0.009624	0.009354	0.009087	0.008898
San Bernardino	Annual	HHDT	DSL	Aggregated	35	0.008261	0.007966	0.00773	0.007515	0.00732	0.007119	0.006927	0.006736	0.006543	0.006372	0.006207	0.006082

	14 yr 2027-2040 **5 mph**	**14 yr** 2027-2040 **10 mph**	**14 yr** 2027-2040 **35 mph**	**14 yr** 2027-2040 **0 mph (idling)**
LHDT2	0.04554	0.03871	0.01716	0.76775
MHDT	0.01234	0.00993	0.00305	0.01857
HHDT	0.01154	0.00948	0.00644	0.01107

	14 yr 2041-2054 **5 mph**	**14 yr** 2041-2054 **10 mph**	**14 yr** 2041-2054 **35 mph**	**14 yr** 2041-2054 **0 mph (idling)**
LHDT2	0.04075	0.03537	0.01654	0.76173
MHDT	0.00414	0.00320	0.00151	0.00731
HHDT	0.01010	0.00818	0.00564	0.00973

	2 yr 2025-2026 **5 mph**	**2 yr** 2025-2026 **10 mph**	**2 yr** 2025-2026 **35 mph**	**2 yr** 2025-2026 **0 mph (idling)**
LHDT2	0.05855	0.04865	0.02001	0.77753
MHDT	0.03613	0.02941	0.00714	0.05503
HHDT	0.01376	0.01163	0.00785	0.01428

	1 yr 2024 **5 mph**	**1 yr** 2024 **10 mph**	**1 yr** 2024 **35 mph**	**1 yr** 2024 **0 mph (idling)**
LHDT2	0.08144	0.05435	0.02193	0.77769
MHDT	0.06814	0.03833	0.00897	0.07273
HHDT	0.02111	0.01217	0.00826	0.01537

2036 (gms/mile)	2037 (gms/mile)	2038 (gms/mile)	2039 (gms/mile)	2040 (gms/mile)	2041 (gms/mile)	2042 (gms/mile)	2043 (gms/mile)	2044 (gms/mile)	2045 (gms/mile)	2046 (gms/mile)	2047 (gms/mile)	2048 (gms/mile)	2049 (gms/mile)	2050 (gms/mile)	2051 (gms/mile)	2052 (gms/mile)	2053 (gms/mile)	2054 (gms/mile)
0.76085	0.760267	0.759676	0.760052	0.760312	0.76051	0.760671	0.760734	0.760987	0.761186	0.761437	0.761606	0.761852	0.762113	0.762615	0.762615	0.762615	0.762615	0.762615
0.043392	0.043222	0.042986	0.042652	0.04245	0.042365	0.042288	0.042276	0.042073	0.041864	0.041578	0.041324	0.040992	0.040285	0.039094	0.039094	0.039094	0.039094	0.039094
0.037256	0.037157	0.036992	0.03675	0.03661	0.036571	0.036535	0.036541	0.036416	0.036276	0.036077	0.035892	0.035652	0.035053	0.034045	0.034045	0.034045	0.034045	0.034045
0.016923	0.016956	0.016952	0.016912	0.016899	0.016917	0.016928	0.016946	0.016919	0.01688	0.016818	0.016754	0.016672	0.016443	0.016063	0.016063	0.016063	0.016063	0.016063
0.011458	0.010595	0.009878	0.009315	0.008763	0.008359	0.007956	0.00768	0.007413	0.007299	0.00721	0.00714	0.007086	0.007051	0.00702	0.00702	0.00702	0.00702	0.00702
0.007445	0.006754	0.006178	0.005742	0.00532	0.005004	0.004692	0.004432	0.004179	0.004103	0.004044	0.003994	0.003966	0.003944	0.003924	0.003924	0.003924	0.003924	0.003924
0.005911	0.005347	0.004876	0.004519	0.004174	0.003915	0.003659	0.003445	0.003237	0.003173	0.003122	0.00308	0.003054	0.003034	0.003016	0.003016	0.003016	0.003016	0.003016
0.002176	0.002058	0.001957	0.001876	0.001799	0.001735	0.001671	0.001614	0.001561	0.001533	0.001508	0.001485	0.001465	0.001449	0.001434	0.001434	0.001434	0.001434	0.001434
0.010261	0.010171	0.010094	0.010026	0.009959	0.009899	0.009857	0.009823	0.009786	0.009754	0.009726	0.009704	0.009687	0.009675	0.009662	0.009662	0.009662	0.009662	0.009662
0.010738	0.011114	0.010545	0.010469	0.010394	0.010324	0.010266	0.01021	0.010152	0.010107	0.010069	0.010038	0.010032	0.010032	0.010031	0.010031	0.010031	0.010031	0.010031
0.008758	0.008661	0.008579	0.00851	0.008443	0.008382	0.00833	0.008282	0.008233	0.008194	0.008161	0.008134	0.008126	0.008124	0.008121	0.008121	0.008121	0.008121	0.008121
0.005994	0.005922	0.005861	0.005811	0.005769	0.005734	0.005705	0.005682	0.005662	0.005647	0.005635	0.005625	0.005616	0.00561	0.005603	0.005603	0.005603	0.005603	0.005603

GANDDINI GROUP INC.

714.795.3100 | ganddini.com