KENDALL DRIVE INDUSTRIAL BUILDING HEALTH RISK ASSESSMENT ANALYSIS

County of San Bernardino

June 29, 2023

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

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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 Kendall Drive Industrial Building 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 Kendall Drive Industrial Building 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 9.4-acre project site is located at the northeast corner of Kendall Drive and Little League Drive in an unincorporated area of the City of San Bernardino within the County of San Bernardino, California. The project site is currently developed with industrial uses. A vicinity map showing the project location is provided on Figure 1.

PROJECT DESCRIPTION

The proposed project involves the removal and demolition of existing uses and construction of a new 213,335 square foot industrial warehouse building with 27 dock-high doors and associated parking and landscaping improvements. Vehicle access to the proposed project will be provided by two driveways on Kendall Drive. 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 single-family residential uses located approximately 190 feet and 233 feet southeast of the eastern boundary of the project site and approximately 605 feet northwest of the western boundary of the project site. A soccer complex is located approximately 790 feet southeast of the eastern boundary of the project site and the Guhin Park sports field is located approximately 350 feet east of the northeastern corner of the project site.

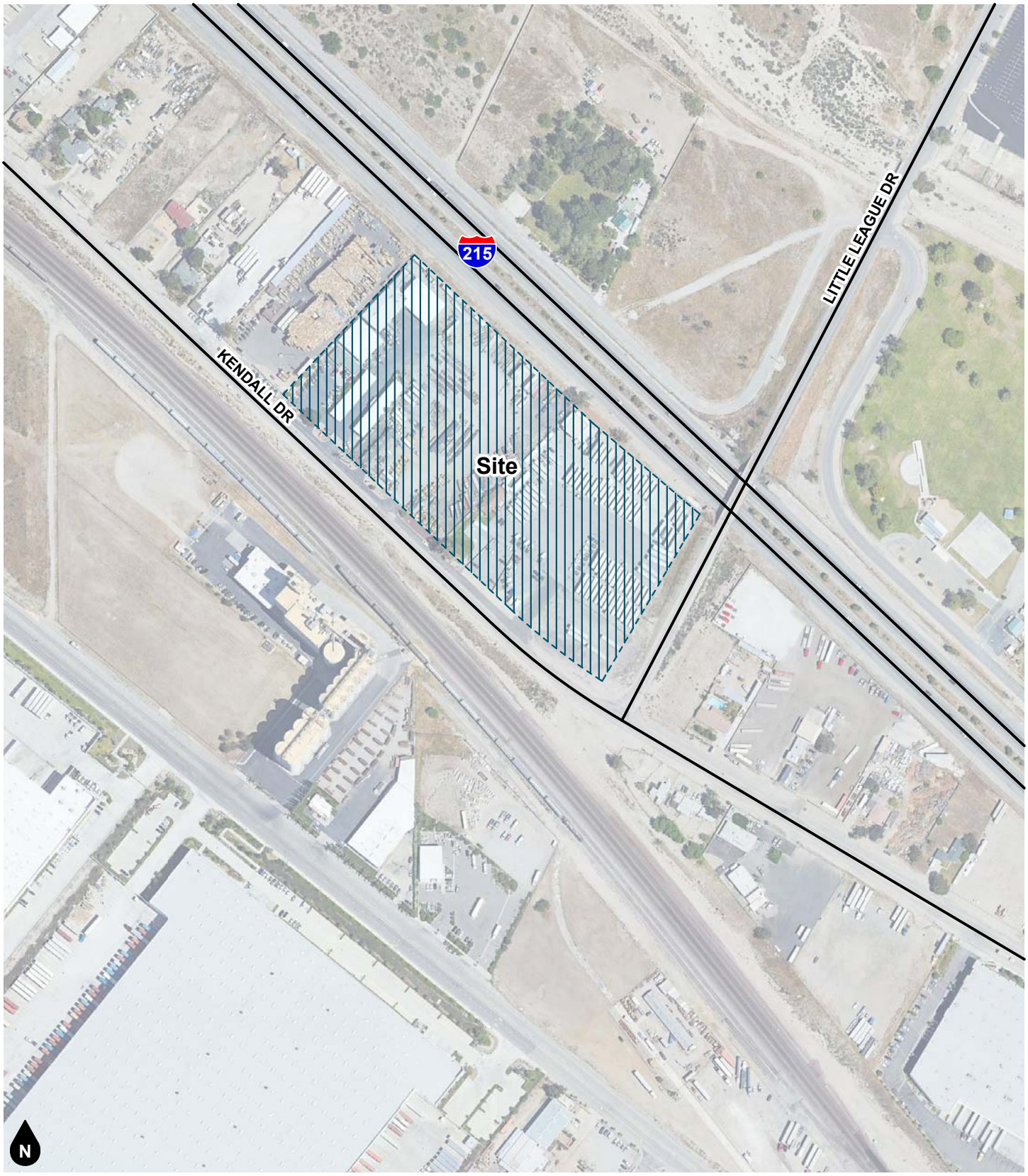


Figure 1
Project Location Map

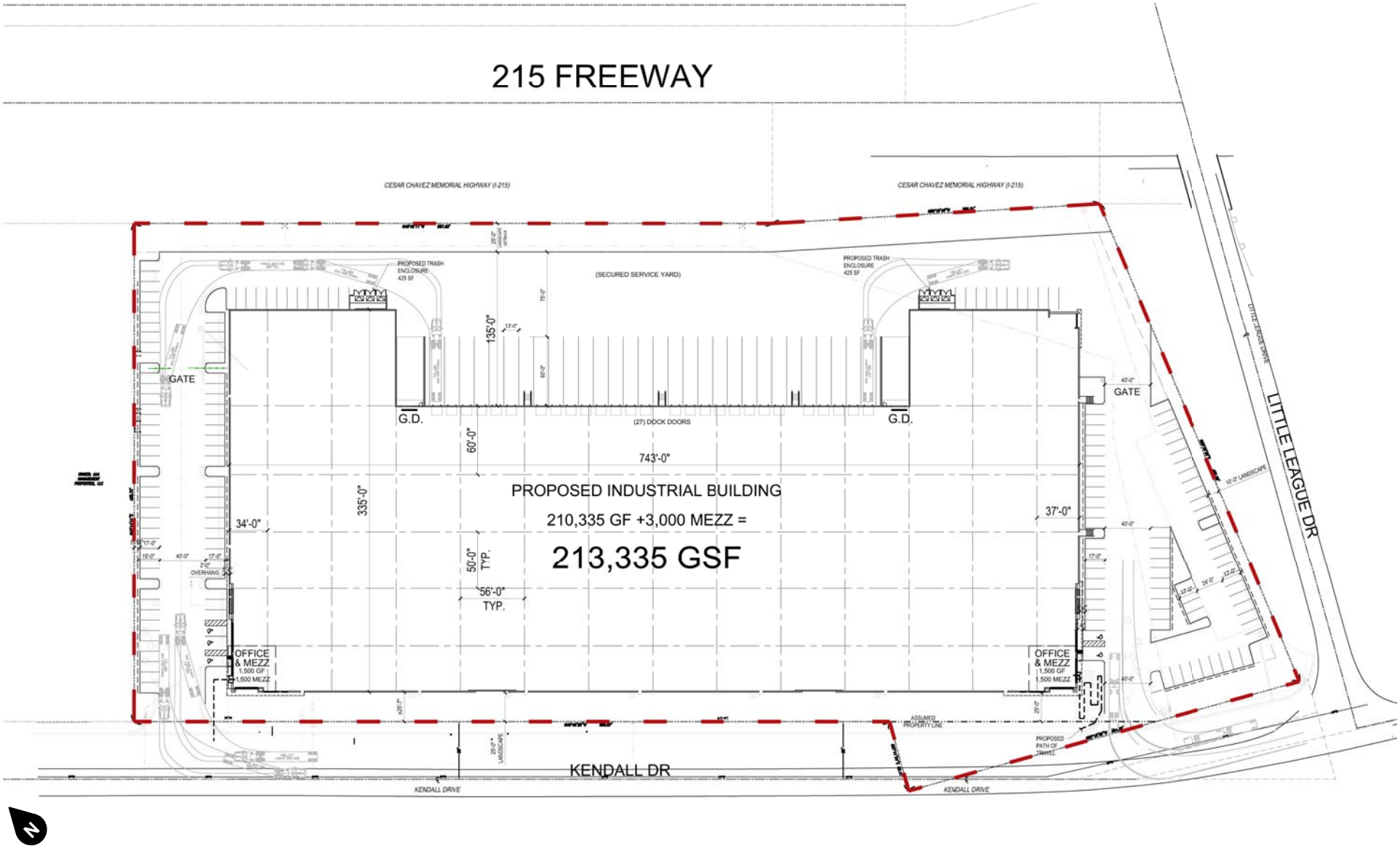


Figure 2
Site Plan

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 65 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 *Kendall Drive Industrial Building Traffic Impact Analysis* (Ganddini, October 24, 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 386 (non-passenger car equivalents) vehicle trips per day. Of those vehicle trips, 337 are automobile round trips, 8 are 2-axle truck round trips, 10 are 3-axle truck round trips, and 31 are 4+-axle truck round trips per day. The total number of project truck trips per day is 49.

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 single-family residential uses located the existing single-family residential uses located approximately 190 feet and 233 feet southeast of the eastern boundary of the project site and approximately 605 feet northwest of the western boundary of the project site. Receptors were also placed at the soccer complex located approximately 790 feet southeast of the eastern boundary of the project site and at the Guhin Park sports field is located approximately 350 feet east of the northeastern corner of the project site. Sensitive receptors are shown as orange triangles labeled 3 through 10, the sports field receptor is labeled as Sports_1 and the soccer complex receptor is labeled as Soccer_2. 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 11.2.0, 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 obtained from the project plans, with a building height of 75 feet.

Meteorological Data

Meteorological data (processed with the ADJ_U option) from the Air District's Fontana 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 3, with a maximum risk of 0.141 in one million. The maximum 3rd trimester (0.25-year) cancer risk is at receptors 3 and 4; with a maximum cancer risk of 0.006 in a million. The highest child (2-16 years) cancer risk is at receptor 3; with a maximum risk of 0.130 in one million. The highest adult (16-30 years) cancer risk is also at receptor 3; with a maximum risk of 0.011 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 0.29 in a million at receptor location 3, 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 = 0.00046/5 = 0.0001

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 driveways along Kendall Drive.
		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 driveways 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 gates 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 Fontana 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)
Sports_1	0.00027	2.7E-07	1.00E+00	DPM	1.1E+00	0.004	5.0E+00	1.4E-03	0.0001
Soccer_2	0.00013	1.3E-07	1.00E+00	DPM	1.1E+00	0.002	5.0E+00	1.4E-03	0.0000
3	0.00046	4.6E-07	1.00E+00	DPM	1.1E+00	0.006	5.0E+00	1.4E-03	0.0001
4	0.00041	4.1E-07	1.00E+00	DPM	1.1E+00	0.006	5.0E+00	1.4E-03	0.0001
5	0.00038	3.8E-07	1.00E+00	DPM	1.1E+00	0.005	5.0E+00	1.4E-03	0.0001
6	0.00023	2.3E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
7	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
8	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
9	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
10	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)
Sports_1	0.00026	2.6E-07	1.00E+00	DPM	1.1E+00	0.085	5.0E+00	1.4E-03	0.0001
Soccer_2	0.00012	1.2E-07	1.00E+00	DPM	1.1E+00	0.039	5.0E+00	1.4E-03	0.0000
3	0.00043	4.3E-07	1.00E+00	DPM	1.1E+00	0.141	5.0E+00	1.4E-03	0.0001
4	0.00038	3.8E-07	1.00E+00	DPM	1.1E+00	0.125	5.0E+00	1.4E-03	0.0001
5	0.00036	3.6E-07	1.00E+00	DPM	1.1E+00	0.118	5.0E+00	1.4E-03	0.0001
6	0.00021	2.1E-07	1.00E+00	DPM	1.1E+00	0.069	5.0E+00	1.4E-03	0.0000
7	0.00019	1.9E-07	1.00E+00	DPM	1.1E+00	0.062	5.0E+00	1.4E-03	0.0000
8	0.00018	1.8E-07	1.00E+00	DPM	1.1E+00	0.059	5.0E+00	1.4E-03	0.0000
9	0.00019	1.9E-07	1.00E+00	DPM	1.1E+00	0.062	5.0E+00	1.4E-03	0.0000
10	0.00019	1.9E-04	1.00E+00	DPM	1.1E+00	0.062	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)
Sports_1	0.00023	2.3E-07	1.00E+00	DPM	1.1E+00	0.083	5.0E+00	1.4E-03	0.0000
Soccer_2	0.00011	1.1E-07	1.00E+00	DPM	1.1E+00	0.040	5.0E+00	1.4E-03	0.0000
3	0.00036	3.6E-07	1.00E+00	DPM	1.1E+00	0.130	5.0E+00	1.4E-03	0.0001
4	0.00032	3.2E-07	1.00E+00	DPM	1.1E+00	0.116	5.0E+00	1.4E-03	0.0001
5	0.0003	3.0E-07	1.00E+00	DPM	1.1E+00	0.109	5.0E+00	1.4E-03	0.0001
6	0.00018	1.8E-07	1.00E+00	DPM	1.1E+00	0.065	5.0E+00	1.4E-03	0.0000
7	0.00016	1.6E-07	1.00E+00	DPM	1.1E+00	0.058	5.0E+00	1.4E-03	0.0000
8	0.00015	1.5E-07	1.00E+00	DPM	1.1E+00	0.054	5.0E+00	1.4E-03	0.0000
9	0.00016	1.6E-07	1.00E+00	DPM	1.1E+00	0.058	5.0E+00	1.4E-03	0.0000
10	0.00016	1.6E-07	1.00E+00	DPM	1.1E+00	0.058	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)
Sports_1	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.008	5.0E+00	1.4E-03	0.0000
Soccer_2	0.00009	9.0E-08	1.00E+00	DPM	1.1E+00	0.004	5.0E+00	1.4E-03	0.0000
3	0.00028	2.8E-07	1.00E+00	DPM	1.1E+00	0.011	5.0E+00	1.4E-03	0.0001
4	0.00023	2.3E-07	1.00E+00	DPM	1.1E+00	0.009	5.0E+00	1.4E-03	0.0000
5	0.0002	2.0E-07	1.00E+00	DPM	1.1E+00	0.008	5.0E+00	1.4E-03	0.0000
6	0.0001	1.0E-07	1.00E+00	DPM	1.1E+00	0.004	5.0E+00	1.4E-03	0.0000
7	0.00008	8.0E-08	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
8	0.00007	7.0E-08	1.00E+00	DPM	1.1E+00	0.003	5.0E+00	1.4E-03	0.0000
9	0.00014	1.4E-07	1.00E+00	DPM	1.1E+00	0.006	5.0E+00	1.4E-03	0.0000
10	0.00014	1.4E-07	1.00E+00	DPM	1.1E+00	0.006	5.0E+00	1.4E-03	0.0000

Notes:

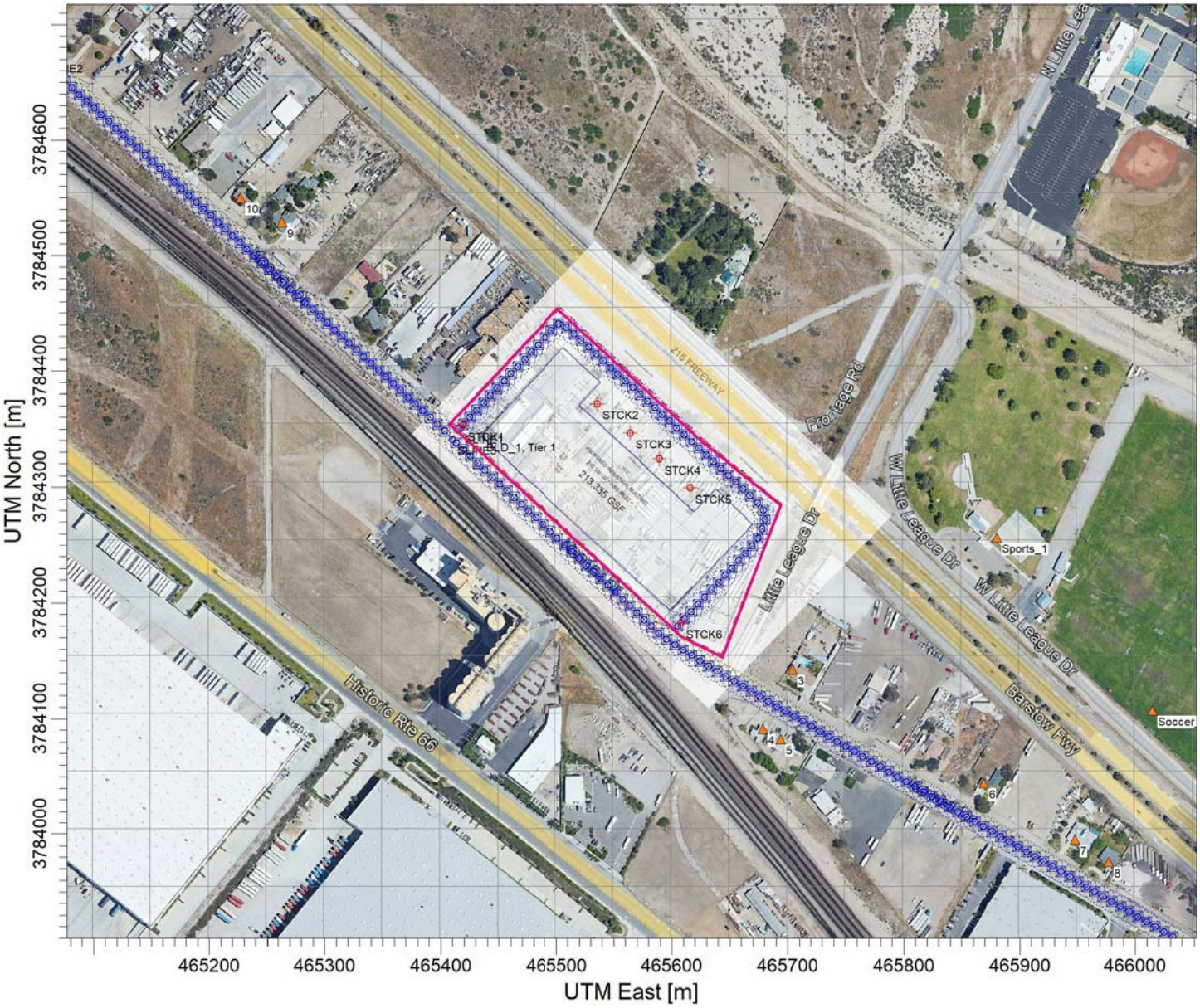
OEHHA 95th percentile Exposure factors used to calculate TAC intake

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)
Sports_1	0.18
Soccer_2	0.08
3	0.29
4	0.26
5	0.24
6	0.14
7	0.13
8	0.12
9	0.13
10	0.13



Legend

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

Figure 3
AERMOD Model Source and Receptor Placement

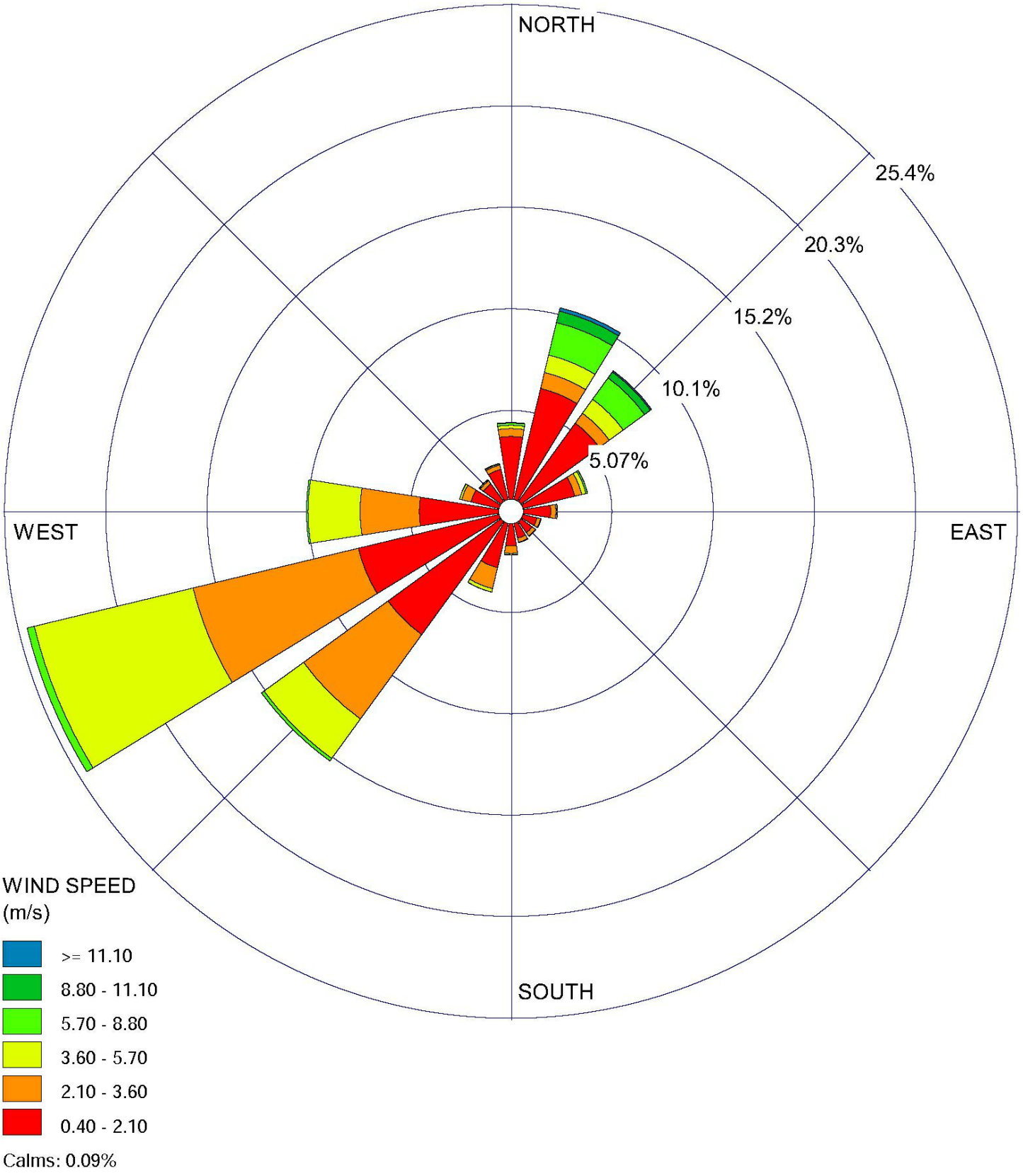
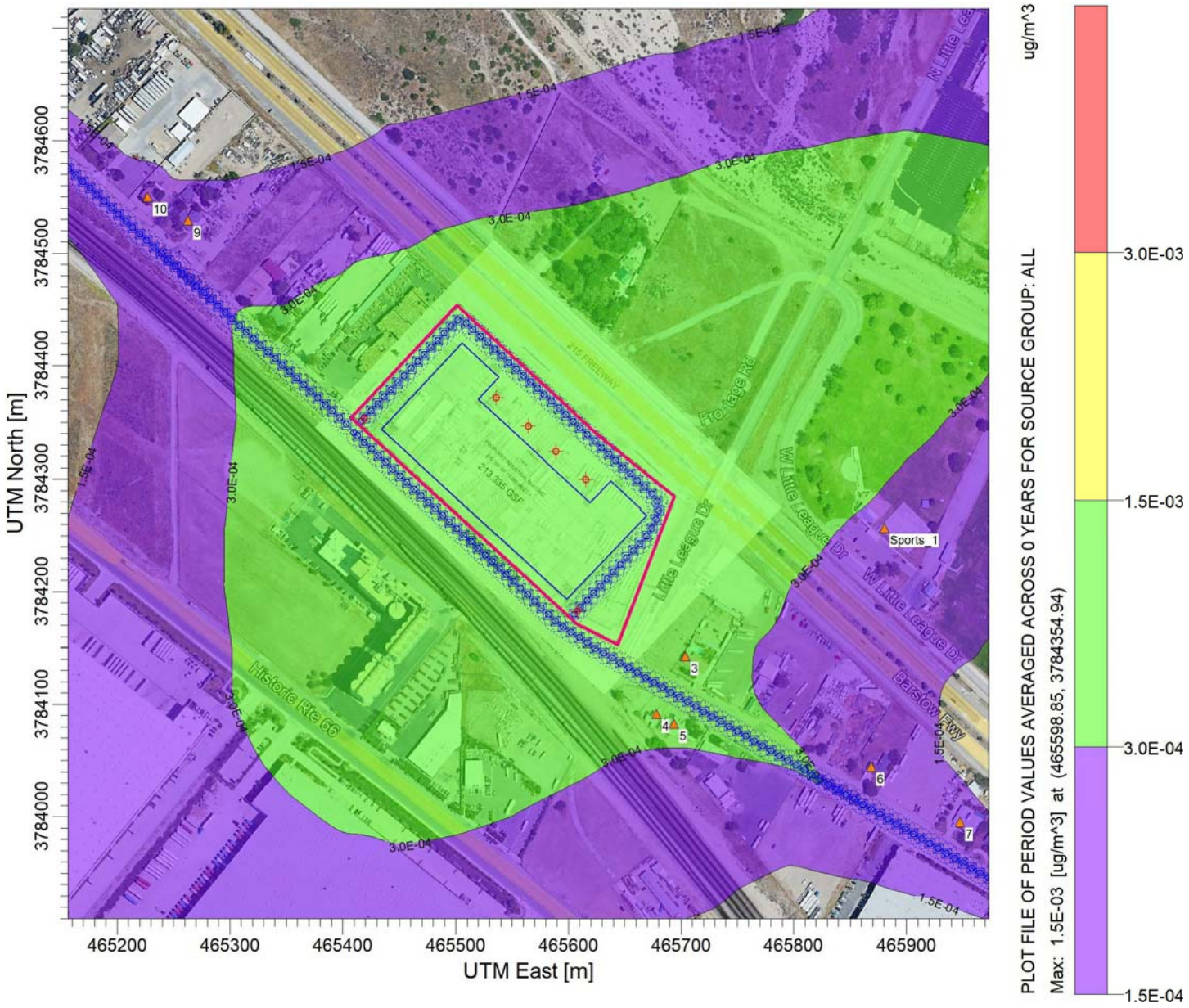


Figure 4
Wind Rose, Fontana



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.

2023 Kendall Drive Industrial Building Traffic Impact Analysis. May 12

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
19529 Kendall Drive Industrial Building

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

19529 Kendall Drive Industrial Building		**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	31										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**49**										
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	31	495	0.31	1.16E-01	1.34E-06	9.20E-01	2.55E-04	4.66E-05		
Project Driveway to loading docks	MHDT	0.03833	10	495	0.31	1.18E-01	1.36E-06	9.35E-01	2.60E-04	4.74E-05	**4.25E-06**	100% of trucks
Project Driveway to loading docks	LHDT2	0.05435	8	495	0.31	1.34E-01	1.55E-06	1.06E+00	2.94E-04	5.37E-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	31	0.12	1.38E-06	1.09E-05	2.62E-04	4.79E-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		2.15E-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		**3.58E-06**	per idling location
												(6 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)**		
Along Kendall Drive to west Driveway	HHDT	0.00826	31	481.6	0.30	7.66E-02	8.87E-07	6.08E-01	1.69E-04	3.08E-05	50% of trucks	
Along Kendall Drive to west Driveway	MHDT	0.00897	10	481.6	0.30	2.68E-02	3.10E-07	2.13E-01	5.91E-05	1.08E-05	**9.02E-07**	
Along Kendall Drive to west Driveway	LHDT2	0.02193	8	481.6	0.30	5.25E-02	6.07E-07	4.16E-01	1.16E-04	2.11E-05		
From Driveways to Kendall Drive WB	HHDT	0.00826	31	766.3	0.48	1.22E-01	1.41E-06	9.67E-01	2.69E-04	4.90E-05	50% of trucks	
From Driveways to Kendall Drive WB	MHDT	0.00897	10	766.3	0.48	4.27E-02	4.94E-07	3.38E-01	9.40E-05	1.72E-05	**1.44E-06**	
From Driveways to Kendall Drive WB	LHDT2	0.02193	8	766.3	0.48	8.35E-02	9.67E-07	6.62E-01	1.84E-04	3.36E-05		

19529 Kendall Drive Industrial Building		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	31										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**49**										
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	31	495	0.31	1.11E-01	1.28E-06	8.79E-01	2.44E-04	4.45E-05		
Project Driveway to loading docks	MHDT	0.02941	10	495	0.31	9.04E-02	1.05E-06	7.17E-01	1.99E-04	3.64E-05	**3.71E-06**	100% of trucks
Project Driveway to loading docks	LHDT2	0.04865	8	495	0.31	1.20E-01	1.39E-06	9.49E-01	2.64E-04	4.81E-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	31	0.11	1.28E-06	1.02E-05	2.44E-04	4.45E-05			
At loading docks & entrance/exit driveway	MHDT	0.05503	15	10	0.14	1.59E-06	1.26E-05	3.03E-04	5.53E-05		2.09E-05	
At loading docks & entrance/exit driveway	LHDT2	0.77753	15	8	1.56	1.80E-05	1.43E-04	3.43E-03	6.25E-04		**3.48E-06**	per idling location
												(6 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)**		
Along Kendall Drive to west Driveway	HHDT	0.00785	31	481.6	0.30	7.28E-02	8.42E-07	5.77E-01	1.60E-04	2.93E-05	50% of trucks	
Along Kendall Drive to west Driveway	MHDT	0.00714	10	481.6	0.30	2.14E-02	2.47E-07	1.69E-01	4.71E-05	8.59E-06	**8.22E-07**	
Along Kendall Drive to west Driveway	LHDT2	0.02001	8	481.6	0.30	4.79E-02	5.54E-07	3.80E-01	1.05E-04	1.92E-05		
From Driveways to Kendall Drive WB	HHDT	0.00785	31	766.3	0.48	1.16E-01	1.34E-06	9.18E-01	2.55E-04	4.66E-05	50% of trucks	
From Driveways to Kendall Drive WB	MHDT	0.00714	10	766.3	0.48	3.40E-02	3.94E-07	2.70E-01	7.49E-05	1.37E-05	**1.31E-06**	
From Driveways to Kendall Drive WB	LHDT2	0.02001	8	766.3	0.48	7.62E-02	8.82E-07	6.04E-01	1.68E-04	3.06E-05		

19529 Kendall Drive Industrial Building		**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	31										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**49**										
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	31	495	0.31	9.04E-02	1.05E-06	7.16E-01	1.99E-04	3.63E-05		
Project Driveway to loading docks	MHDT	0.00993	10	495	0.31	3.05E-02	3.53E-07	2.42E-01	6.73E-05	1.23E-05	**2.50E-06**	100% of trucks
Project Driveway to loading docks	LHDT2	0.03871	8	495	0.31	9.52E-02	1.10E-06	7.55E-01	2.10E-04	3.83E-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	31	0.09	9.93E-07	7.87E-06	1.89E-04	3.45E-05			
At loading docks & entrance/exit driveway	MHDT	0.01857	15	10	0.05	5.37E-07	4.26E-06	1.02E-04	1.87E-05		1.93E-05	
At loading docks & entrance/exit driveway	LHDT2	0.76775	15	8	1.54	1.78E-05	1.41E-04	3.38E-03	6.17E-04		**3.22E-06**	per idling location
												(6 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)**		
Along Kendall Drive to west Driveway	HHDT	0.00644	31	481.6	0.30	5.97E-02	6.91E-07	4.74E-01	1.32E-04	2.40E-05	50% of trucks	
Along Kendall Drive to west Driveway	MHDT	0.00305	10	481.6	0.30	9.14E-03	1.06E-07	7.24E-02	2.01E-05	3.67E-06	**6.36E-07**	
Along Kendall Drive to west Driveway	LHDT2	0.01716	8	481.6	0.30	4.11E-02	4.75E-07	3.26E-01	9.05E-05	1.65E-05		
From Driveways to Kendall Drive WB	HHDT	0.00644	31	766.3	0.48	9.51E-02	1.10E-06	7.54E-01	2.09E-04	3.82E-05	50% of trucks	
From Driveways to Kendall Drive WB	MHDT	0.00305	10	766.3	0.48	1.45E-02	1.68E-07	1.15E-01	3.20E-05	5.84E-06	**1.01E-06**	
From Driveways to Kendall Drive WB	LHDT2	0.01716	8	766.3	0.48	6.54E-02	7.56E-07	5.18E-01	1.44E-04	2.63E-05		

19529 Kendall Drive Industrial Building		**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	31										
Project Site	MHDT	10										
Project Site	LHDT2	8										
Total		**49**										
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	31	495	0.31	7.80E-02	9.03E-07	6.19E-01	1.72E-04	3.14E-05		
Project Driveway to loading docks	MHDT	0.00320	10	495	0.31	9.84E-03	1.14E-07	7.80E-02	2.17E-05	3.96E-06	**2.02E-06**	100% of trucks
Project Driveway to loading docks	LHDT2	0.03537	8	495	0.31	8.70E-02	1.01E-06	6.90E-01	1.92E-04	3.50E-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	31	0.08	8.73E-07	6.92E-06	1.66E-04	3.03E-05			
At loading docks & entrance/exit driveway	MHDT	0.00731	15	10	0.02	2.11E-07	1.68E-06	4.02E-05	7.34E-06		1.87E-05	
At loading docks & entrance/exit driveway	LHDT2	0.76173	15	8	1.52	1.76E-05	1.40E-04	3.36E-03	6.12E-04		**3.12E-06**	per idling location
												(6 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)**		
Along Kendall Drive to west Driveway	HHDT	0.00564	31	481.6	0.30	5.23E-02	6.05E-07	4.15E-01	1.15E-04	2.10E-05	50% of trucks	
Along Kendall Drive to west Driveway	MHDT	0.00151	10	481.6	0.30	4.53E-03	5.24E-08	3.59E-02	9.97E-06	1.82E-06	**5.58E-07**	
Along Kendall Drive to west Driveway	LHDT2	0.01654	8	481.6	0.30	3.96E-02	4.58E-07	3.14E-01	8.72E-05	1.59E-05		
From Driveways to Kendall Drive WB	HHDT	0.00564	31	766.3	0.48	8.32E-02	9.63E-07	6.60E-01	1.83E-04	3.34E-05	50% of trucks	
From Driveways to Kendall Drive WB	MHDT	0.00151	10	766.3	0.48	7.21E-03	8.34E-08	5.71E-02	1.59E-05	2.90E-06	**3.55E-08**	
From Driveways to Kendall Drive WB	LHDT2	0.01654	8	766.3	0.48	6.30E-02	7.29E-07	5.00E-01	1.39E-04	2.53E-05		

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** Lakes Environmental AERMOD MPI
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/28/2023
** File: C:\Lakes\AERMOD View\19529 Kendall Drive Industrial OY\19529 Kendall Drive Industrial OY.ADI
**
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**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19529 Kendall Drive Industrial Building
   TITLETWO DPM Concentrations OY 2024
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19529 Kendall Drive Industrial OY.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      465418.855  3784352.998      549.320
** DESCRSRC Idling Location
   LOCATION STCK2        POINT      465535.706  3784371.976      547.960
** DESCRSRC Idling Location
   LOCATION STCK3        POINT      465564.005  3784346.674      547.130
** DESCRSRC Idling Location
   LOCATION STCK4        POINT      465588.974  3784324.368      546.300
** DESCRSRC Idling Location
   LOCATION STCK5        POINT      465615.608  3784299.732      545.490
** DESCRSRC Idling Location
   LOCATION STCK6        POINT      465607.951  3784182.542      543.890
** DESCRSRC Idling Location
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
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** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite truck travel
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.25E-06
** Elevated
** Building Height = 22.86
** SZINIT = 10.63
** Nodes = 9
** 465416.126, 3784350.816, 549.43, 3.50, 4.00
** 465500.692, 3784440.376, 549.45, 3.50, 4.00
** 465504.354, 3784441.708, 549.35, 3.50, 4.00
** 465508.349, 3784438.712, 549.28, 3.50, 4.00
** 465677.481, 3784283.896, 544.51, 3.50, 4.00
** 465680.811, 3784275.240, 544.46, 3.50, 4.00
** 465679.955, 3784268.845, 544.73, 3.50, 4.00
** 465672.672, 3784252.772, 544.32, 3.50, 4.00
** 465604.362, 3784179.314, 543.86, 3.50, 4.00
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   LOCATION L0000205     VOLUME   465424.973 3784360.186 549.30
   LOCATION L0000206     VOLUME   465430.871 3784366.432 549.29
   LOCATION L0000207     VOLUME   465436.769 3784372.678 549.29
   LOCATION L0000208     VOLUME   465442.667 3784378.924 549.31
   LOCATION L0000209     VOLUME   465448.565 3784385.171 549.34
   LOCATION L0000210     VOLUME   465454.463 3784391.417 549.36
   LOCATION L0000211     VOLUME   465460.361 3784397.663 549.38
   LOCATION L0000212     VOLUME   465466.259 3784403.910 549.39
   LOCATION L0000213     VOLUME   465472.157 3784410.156 549.38
   LOCATION L0000214     VOLUME   465478.055 3784416.402 549.39
   LOCATION L0000215     VOLUME   465483.953 3784422.648 549.40
   LOCATION L0000216     VOLUME   465489.851 3784428.895 549.42
   LOCATION L0000217     VOLUME   465495.749 3784435.141 549.46
   LOCATION L0000218     VOLUME   465501.999 3784440.851 549.47
   LOCATION L0000219     VOLUME   465509.154 3784437.975 549.31
   LOCATION L0000220     VOLUME   465515.491 3784432.175 549.12
   LOCATION L0000221     VOLUME   465521.827 3784426.374 548.98
   LOCATION L0000222     VOLUME   465528.164 3784420.574 548.82
   LOCATION L0000223     VOLUME   465534.501 3784414.773 548.64
   LOCATION L0000224     VOLUME   465540.838 3784408.973 548.46
   LOCATION L0000225     VOLUME   465547.175 3784403.172 548.30
   LOCATION L0000226     VOLUME   465553.512 3784397.372 548.14
   LOCATION L0000227     VOLUME   465559.849 3784391.571 547.96
   LOCATION L0000228     VOLUME   465566.186 3784385.771 547.78
   LOCATION L0000229     VOLUME   465572.522 3784379.970 547.59
   LOCATION L0000230     VOLUME   465578.859 3784374.170 547.39
   LOCATION L0000231     VOLUME   465585.196 3784368.369 547.19
   LOCATION L0000232     VOLUME   465591.533 3784362.569 546.99
   LOCATION L0000233     VOLUME   465597.870 3784356.768 546.79
   LOCATION L0000234     VOLUME   465604.207 3784350.968 546.58
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   LOCATION L0000235     VOLUME   465610.544 3784345.167 546.36
   LOCATION L0000236     VOLUME   465616.881 3784339.367 546.13
   LOCATION L0000237     VOLUME   465623.218 3784333.566 545.95
   LOCATION L0000238     VOLUME   465629.554 3784327.766 545.77
   LOCATION L0000239     VOLUME   465635.891 3784321.965 545.60
   LOCATION L0000240     VOLUME   465642.228 3784316.165 545.45
   LOCATION L0000241     VOLUME   465648.565 3784310.364 545.28
   LOCATION L0000242     VOLUME   465654.902 3784304.564 545.11
   LOCATION L0000243     VOLUME   465661.239 3784298.763 544.93
   LOCATION L0000244     VOLUME   465667.576 3784292.963 544.74
   LOCATION L0000245     VOLUME   465673.913 3784287.163 544.54
   LOCATION L0000246     VOLUME   465678.828 3784280.393 544.46
   LOCATION L0000247     VOLUME   465680.403 3784272.198 544.47
   LOCATION L0000248     VOLUME   465677.805 3784264.101 544.48
   LOCATION L0000249     VOLUME   465674.259 3784256.276 544.41
   LOCATION L0000250     VOLUME   465669.441 3784249.298 544.28
   LOCATION L0000251     VOLUME   465663.591 3784243.007 544.22
   LOCATION L0000252     VOLUME   465657.741 3784236.716 544.21
   LOCATION L0000253     VOLUME   465651.891 3784230.425 544.16
   LOCATION L0000254     VOLUME   465646.041 3784224.134 544.08
   LOCATION L0000255     VOLUME   465640.191 3784217.843 543.98
   LOCATION L0000256     VOLUME   465634.340 3784211.552 543.91
   LOCATION L0000257     VOLUME   465628.490 3784205.260 543.86
   LOCATION L0000258     VOLUME   465622.640 3784198.969 543.83
   LOCATION L0000259     VOLUME   465616.790 3784192.678 543.82
   LOCATION L0000260     VOLUME   465610.940 3784186.387 543.87
   LOCATION L0000261     VOLUME   465605.090 3784180.096 543.91
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Along Kendall Drive to West Driveway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.02E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 465052.629, 3784671.487, 559.83, 3.50, 4.00
** 465406.776, 3784345.055, 549.45, 3.50, 4.00
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   LOCATION L0000379     VOLUME   465062.104 3784662.753 559.78
   LOCATION L0000380     VOLUME   465068.421 3784656.931 559.59
   LOCATION L0000381     VOLUME   465074.738 3784651.108 559.43
   LOCATION L0000382     VOLUME   465081.055 3784645.286 559.23
   LOCATION L0000383     VOLUME   465087.371 3784639.464 559.05
   LOCATION L0000384     VOLUME   465093.688 3784633.641 558.88
   LOCATION L0000385     VOLUME   465100.005 3784627.819 558.71
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   LOCATION L0000388     VOLUME   465118.955 3784610.352 558.23
   LOCATION L0000389     VOLUME   465125.272 3784604.529 558.07
   LOCATION L0000390     VOLUME   465131.588 3784598.707 557.91
   LOCATION L0000391     VOLUME   465137.905 3784592.884 557.73
   LOCATION L0000392     VOLUME   465144.222 3784587.062 557.56
   LOCATION L0000393     VOLUME   465150.539 3784581.239 557.39
   LOCATION L0000394     VOLUME   465156.855 3784575.417 557.24
   LOCATION L0000395     VOLUME   465163.172 3784569.595 557.10
   LOCATION L0000396     VOLUME   465169.489 3784563.772 556.96
   LOCATION L0000397     VOLUME   465175.806 3784557.950 556.79
   LOCATION L0000398     VOLUME   465182.122 3784552.127 556.61
   LOCATION L0000399     VOLUME   465188.439 3784546.305 556.41
   LOCATION L0000400     VOLUME   465194.756 3784540.483 556.23
   LOCATION L0000401     VOLUME   465201.073 3784534.660 556.06
   LOCATION L0000402     VOLUME   465207.389 3784528.838 555.87
   LOCATION L0000403     VOLUME   465213.706 3784523.015 555.69
   LOCATION L0000404     VOLUME   465220.023 3784517.193 555.51
   LOCATION L0000405     VOLUME   465226.340 3784511.370 555.34
   LOCATION L0000406     VOLUME   465232.656 3784505.548 555.18
   LOCATION L0000407     VOLUME   465238.973 3784499.726 555.00
   LOCATION L0000408     VOLUME   465245.290 3784493.903 554.82
   LOCATION L0000409     VOLUME   465251.607 3784488.081 554.64
   LOCATION L0000410     VOLUME   465257.923 3784482.258 554.46
   LOCATION L0000411     VOLUME   465264.240 3784476.436 554.29
   LOCATION L0000412     VOLUME   465270.557 3784470.613 554.13
   LOCATION L0000413     VOLUME   465276.874 3784464.791 553.94
   LOCATION L0000414     VOLUME   465283.190 3784458.969 553.72
   LOCATION L0000415     VOLUME   465289.507 3784453.146 553.50
   LOCATION L0000416     VOLUME   465295.824 3784447.324 553.29
   LOCATION L0000417     VOLUME   465302.141 3784441.501 553.11
   LOCATION L0000418     VOLUME   465308.457 3784435.679 552.93
   LOCATION L0000419     VOLUME   465314.774 3784429.857 552.73
   LOCATION L0000420     VOLUME   465321.091 3784424.034 552.54
   LOCATION L0000421     VOLUME   465327.408 3784418.212 552.36
   LOCATION L0000422     VOLUME   465333.724 3784412.389 552.18
   LOCATION L0000423     VOLUME   465340.041 3784406.567 551.98
   LOCATION L0000424     VOLUME   465346.358 3784400.744 551.76
   LOCATION L0000425     VOLUME   465352.675 3784394.922 551.53
   LOCATION L0000426     VOLUME   465358.991 3784389.100 551.29
   LOCATION L0000427     VOLUME   465365.308 3784383.277 551.03
   LOCATION L0000428     VOLUME   465371.625 3784377.455 550.80
   LOCATION L0000429     VOLUME   465377.942 3784371.632 550.58
   LOCATION L0000430     VOLUME   465384.258 3784365.810 550.33
   LOCATION L0000431     VOLUME   465390.575 3784359.988 550.09
   LOCATION L0000432     VOLUME   465396.892 3784354.165 549.87
   LOCATION L0000433     VOLUME   465403.209 3784348.343 549.65
** End of LINE VOLUME Source ID = SLINE2
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
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** LINE VOLUME Source ID = SLINE3
** DESCRSRC From Driveways To Kendall Drive WB
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.44E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 5
** 465409.757, 3784341.226, 549.42, 3.50, 4.00
** 465562.130, 3784198.944, 544.80, 3.50, 4.00
** 465590.246, 3784172.211, 544.02, 3.50, 4.00
** 465624.354, 3784149.626, 543.20, 3.50, 4.00
** 466037.147, 3783908.299, 534.30, 3.50, 4.00
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   LOCATION L0000434     VOLUME   465412.896 3784338.294 549.32
   LOCATION L0000435     VOLUME   465419.175 3784332.431 549.11
   LOCATION L0000436     VOLUME   465425.454 3784326.568 548.88
   LOCATION L0000437     VOLUME   465431.733 3784320.705 548.64
   LOCATION L0000438     VOLUME   465438.012 3784314.841 548.43
   LOCATION L0000439     VOLUME   465444.291 3784308.978 548.29
   LOCATION L0000440     VOLUME   465450.570 3784303.115 548.12
   LOCATION L0000441     VOLUME   465456.849 3784297.252 547.90
   LOCATION L0000442     VOLUME   465463.128 3784291.389 547.65
   LOCATION L0000443     VOLUME   465469.407 3784285.526 547.50
   LOCATION L0000444     VOLUME   465475.686 3784279.663 547.38
   LOCATION L0000445     VOLUME   465481.965 3784273.800 547.21
   LOCATION L0000446     VOLUME   465488.244 3784267.936 546.99
   LOCATION L0000447     VOLUME   465494.523 3784262.073 546.82
   LOCATION L0000448     VOLUME   465500.802 3784256.210 546.67
   LOCATION L0000449     VOLUME   465507.081 3784250.347 546.54
   LOCATION L0000450     VOLUME   465513.360 3784244.484 546.35
   LOCATION L0000451     VOLUME   465519.639 3784238.621 546.15
   LOCATION L0000452     VOLUME   465525.918 3784232.758 545.94
   LOCATION L0000453     VOLUME   465532.197 3784226.895 545.72
   LOCATION L0000454     VOLUME   465538.476 3784221.031 545.54
   LOCATION L0000455     VOLUME   465544.755 3784215.168 545.38
   LOCATION L0000456     VOLUME   465551.034 3784209.305 545.21
   LOCATION L0000457     VOLUME   465557.313 3784203.442 545.04
   LOCATION L0000458     VOLUME   465563.580 3784197.566 544.85
   LOCATION L0000459     VOLUME   465569.805 3784191.646 544.69
   LOCATION L0000460     VOLUME   465576.031 3784185.727 544.52
   LOCATION L0000461     VOLUME   465582.257 3784179.807 544.35
   LOCATION L0000462     VOLUME   465588.483 3784173.887 544.17
   LOCATION L0000463     VOLUME   465595.380 3784168.811 543.98
   LOCATION L0000464     VOLUME   465602.543 3784164.068 543.79
   LOCATION L0000465     VOLUME   465609.706 3784159.325 543.62
   LOCATION L0000466     VOLUME   465616.869 3784154.582 543.44
   LOCATION L0000467     VOLUME   465624.031 3784149.839 543.29
   LOCATION L0000468     VOLUME   465631.436 3784145.485 543.13
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LOCATION L0000469     VOLUME   465638.853 3784141.149 542.97
LOCATION L0000470     VOLUME   465646.269 3784136.814 542.82
LOCATION L0000471     VOLUME   465653.686 3784132.478 542.64
LOCATION L0000472     VOLUME   465661.102 3784128.142 542.44
LOCATION L0000473     VOLUME   465668.518 3784123.806 542.22
LOCATION L0000474     VOLUME   465675.935 3784119.471 541.95
LOCATION L0000475     VOLUME   465683.351 3784115.135 541.70
LOCATION L0000476     VOLUME   465690.768 3784110.799 541.46
LOCATION L0000477     VOLUME   465698.184 3784106.463 541.23
LOCATION L0000478     VOLUME   465705.600 3784102.128 541.02
LOCATION L0000479     VOLUME   465713.017 3784097.792 540.82
LOCATION L0000480     VOLUME   465720.433 3784093.456 540.62
LOCATION L0000481     VOLUME   465727.850 3784089.120 540.42
LOCATION L0000482     VOLUME   465735.266 3784084.785 540.22
LOCATION L0000483     VOLUME   465742.682 3784080.449 540.01
LOCATION L0000484     VOLUME   465750.099 3784076.113 539.82
LOCATION L0000485     VOLUME   465757.515 3784071.777 539.62
LOCATION L0000486     VOLUME   465764.932 3784067.441 539.42
LOCATION L0000487     VOLUME   465772.348 3784063.106 539.23
LOCATION L0000488     VOLUME   465779.764 3784058.770 539.08
LOCATION L0000489     VOLUME   465787.181 3784054.434 538.91
LOCATION L0000490     VOLUME   465794.597 3784050.098 538.73
LOCATION L0000491     VOLUME   465802.014 3784045.763 538.57
LOCATION L0000492     VOLUME   465809.430 3784041.427 538.41
LOCATION L0000493     VOLUME   465816.846 3784037.091 538.26
LOCATION L0000494     VOLUME   465824.263 3784032.755 538.10
LOCATION L0000495     VOLUME   465831.679 3784028.420 537.94
LOCATION L0000496     VOLUME   465839.096 3784024.084 537.78
LOCATION L0000497     VOLUME   465846.512 3784019.748 537.62
LOCATION L0000498     VOLUME   465853.928 3784015.412 537.47
LOCATION L0000499     VOLUME   465861.345 3784011.077 537.31
LOCATION L0000500     VOLUME   465868.761 3784006.741 537.16
LOCATION L0000501     VOLUME   465876.178 3784002.405 537.01
LOCATION L0000502     VOLUME   465883.594 3783998.069 536.85
LOCATION L0000503     VOLUME   465891.010 3783993.734 536.69
LOCATION L0000504     VOLUME   465898.427 3783989.398 536.54
LOCATION L0000505     VOLUME   465905.843 3783985.062 536.38
LOCATION L0000506     VOLUME   465913.260 3783980.726 536.23
LOCATION L0000507     VOLUME   465920.676 3783976.390 536.07
LOCATION L0000508     VOLUME   465928.092 3783972.055 535.93
LOCATION L0000509     VOLUME   465935.509 3783967.719 535.81
LOCATION L0000510     VOLUME   465942.925 3783963.383 535.68
LOCATION L0000511     VOLUME   465950.342 3783959.047 535.56
LOCATION L0000512     VOLUME   465957.758 3783954.712 535.44
LOCATION L0000513     VOLUME   465965.174 3783950.376 535.31
LOCATION L0000514     VOLUME   465972.591 3783946.040 535.18
LOCATION L0000515     VOLUME   465980.007 3783941.704 535.07
LOCATION L0000516     VOLUME   465987.424 3783937.369 534.96
LOCATION L0000517     VOLUME   465994.840 3783933.033 534.83
LOCATION L0000518     VOLUME   466002.256 3783928.697 534.70
LOCATION L0000519     VOLUME   466009.673 3783924.361 534.58
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   LOCATION L0000520     VOLUME   466017.089 3783920.026 534.45
   LOCATION L0000521     VOLUME   466024.506 3783915.690 534.32
   LOCATION L0000522     VOLUME   466031.922 3783911.354 534.18
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
   SRCPARAM STCK1         3.58E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK2         3.58E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK3         3.58E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK4         3.58E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK5         3.58E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK6         3.58E-06     3.500   366.000    51.816       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000204     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000205     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000206     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000207     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000208     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000209     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000210     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000211     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000212     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000213     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000214     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000215     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000216     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000217     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000218     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000219     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000220     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000221     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000222     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000223     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000224     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000225     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000226     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000227     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000228     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000229     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000230     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000231     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000232     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000233     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000234     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000235     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000236     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000237     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000238     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000239     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000240     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000241     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000242     0.00000007328      3.50      4.00     10.63
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   SRCPARAM L0000243     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000244     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000245     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000246     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000247     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000248     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000249     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000250     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000251     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000252     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000253     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000254     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000255     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000256     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000257     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000258     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000259     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000260     0.00000007328      3.50      4.00     10.63
   SRCPARAM L0000261     0.00000007328      3.50      4.00     10.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000378     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000379     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000380     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000381     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000382     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000383     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000384     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000385     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000386     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000387     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000388     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000389     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000390     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000391     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000392     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000393     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000394     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000395     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000396     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000397     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000398     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000399     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000400     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000401     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000402     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000403     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000404     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000405     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000406     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000407     0.00000001611      3.50      4.00      1.63
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   SRCPARAM L0000408     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000409     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000410     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000411     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000412     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000413     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000414     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000415     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000416     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000417     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000418     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000419     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000420     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000421     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000422     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000423     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000424     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000425     0.00000001611      3.50      4.00      1.63
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   SRCPARAM L0000429     0.00000001611      3.50      4.00      1.63
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   SRCPARAM L0000432     0.00000001611      3.50      4.00      1.63
   SRCPARAM L0000433     0.00000001611      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000434     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000435     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000436     0.00000001618      3.50      4.00      1.63
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   SRCPARAM L0000441     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000442     0.00000001618      3.50      4.00      1.63
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   SRCPARAM L0000447     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000448     0.00000001618      3.50      4.00      1.63
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   SRCPARAM L0000452     0.00000001618      3.50      4.00      1.63
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   SRCPARAM L0000456     0.00000001618      3.50      4.00      1.63
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SRCPARAM L0000466     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000467     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000468     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000469     0.00000001618      3.50      4.00      1.63
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SRCPARAM L0000472     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000473     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000474     0.00000001618      3.50      4.00      1.63
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SRCPARAM L0000479     0.00000001618      3.50      4.00      1.63
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SRCPARAM L0000482     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000483     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000484     0.00000001618      3.50      4.00      1.63
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SRCPARAM L0000494     0.00000001618      3.50      4.00      1.63
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SRCPARAM L0000496     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000497     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000498     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000499     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000500     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000501     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000502     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000503     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000504     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000505     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000506     0.00000001618      3.50      4.00      1.63
SRCPARAM L0000507     0.00000001618      3.50      4.00      1.63
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   SRCPARAM L0000508     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000509     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000510     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000511     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000512     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000513     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000514     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000515     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000516     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000517     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000518     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000519     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000520     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000521     0.00000001618      3.50      4.00      1.63
   SRCPARAM L0000522     0.00000001618      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00

   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
```

BUILDHGT STCK5	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93

```
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00

BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94

XBADJ    STCK1          0.00     0.00     0.00     0.00     5.97     8.85
XBADJ    STCK1         11.45    13.71    15.55    16.92    17.77    18.09
XBADJ    STCK1         17.85     4.38   -14.76     0.00     0.00     0.00
XBADJ    STCK1          0.00     0.00     0.00     0.00  -136.96  -174.20
XBADJ    STCK1       -206.15  -231.84  -250.48  -261.51  -264.60  -259.64
XBADJ    STCK1       -246.80  -238.09  -228.35     0.00     0.00     0.00

XBADJ    STCK2       -165.00  -146.29  -123.15   -96.25   -95.75  -101.85
XBADJ    STCK2       -104.85  -104.67  -101.31   -94.87   -85.55   -73.63
```

XBADJ	STCK2	-59.47	-56.20	-56.75	-55.58	-52.71	-48.25
XBADJ	STCK2	-42.32	-35.10	-26.82	-17.72	-35.24	-63.51
XBADJ	STCK2	-89.85	-113.46	-133.62	-149.72	-161.28	-167.93
XBADJ	STCK2	-169.48	-177.52	-186.36	-189.53	-186.95	-178.69
XBADJ	STCK3	-144.99	-132.19	-115.38	-95.06	-101.16	-113.70
XBADJ	STCK3	-122.79	-128.15	-129.61	-127.14	-120.80	-110.79
XBADJ	STCK3	-97.42	-93.78	-92.82	-89.04	-82.55	-73.56
XBADJ	STCK3	-62.33	-49.21	-34.59	-18.92	-29.83	-51.65
XBADJ	STCK3	-71.91	-89.98	-105.32	-117.46	-126.03	-130.76
XBADJ	STCK3	-131.53	-139.94	-150.29	-156.07	-157.11	-153.38
XBADJ	STCK4	-127.36	-119.77	-108.54	-94.02	-105.94	-124.17
XBADJ	STCK4	-138.62	-148.85	-154.57	-155.59	-151.88	-143.56
XBADJ	STCK4	-130.87	-126.91	-124.61	-118.53	-108.85	-95.86
XBADJ	STCK4	-79.96	-61.63	-41.42	-19.96	-25.04	-41.19
XBADJ	STCK4	-56.08	-69.27	-80.36	-89.00	-94.94	-98.00
XBADJ	STCK4	-98.08	-106.81	-118.49	-126.58	-130.82	-131.08
XBADJ	STCK5	-107.72	-105.73	-100.52	-92.27	-110.51	-134.92
XBADJ	STCK5	-155.22	-170.81	-181.21	-186.10	-185.34	-178.95
XBADJ	STCK5	-167.12	-162.91	-159.27	-150.80	-137.74	-120.50
XBADJ	STCK5	-99.60	-75.67	-49.44	-21.71	-20.47	-30.44
XBADJ	STCK5	-39.48	-47.32	-53.72	-58.49	-61.48	-62.61
XBADJ	STCK5	-61.83	-70.81	-83.83	-94.31	-101.92	-106.44
XBADJ	STCK6	9.02	7.01	4.79	2.43	0.00	0.00
XBADJ	STCK6	0.00	0.00	-173.55	-198.91	-218.22	-230.91
XBADJ	STCK6	-236.58	-247.75	-256.93	-258.30	-251.82	-237.69
XBADJ	STCK6	-216.34	-188.41	-154.76	-116.41	0.00	0.00
XBADJ	STCK6	0.00	0.00	-61.38	-45.68	-28.60	-10.65
XBADJ	STCK6	7.63	14.04	13.82	13.19	12.15	10.75
YBADJ	STCK1	0.00	0.00	0.00	0.00	-121.23	-106.79
YBADJ	STCK1	-89.11	-68.72	-46.24	-22.36	2.21	26.71
YBADJ	STCK1	50.39	71.47	91.52	0.00	0.00	0.00
YBADJ	STCK1	0.00	0.00	0.00	0.00	121.23	106.79
YBADJ	STCK1	89.11	68.72	46.24	22.36	-2.21	-26.71
YBADJ	STCK1	-50.39	-71.47	-91.52	0.00	0.00	0.00
YBADJ	STCK2	-27.43	-37.86	-47.15	-55.01	-60.66	-64.80
YBADJ	STCK2	-66.98	-67.12	-65.22	-61.34	-55.60	-48.16
YBADJ	STCK2	-39.27	-30.25	-19.17	-7.50	4.39	16.16
YBADJ	STCK2	27.43	37.86	47.15	55.01	60.66	64.80
YBADJ	STCK2	66.98	67.12	65.22	61.34	55.60	48.16
YBADJ	STCK2	39.27	30.25	19.17	7.50	-4.39	-16.16
YBADJ	STCK3	4.84	-2.61	-9.99	-17.06	-23.08	-28.73
YBADJ	STCK3	-33.52	-37.28	-39.91	-41.33	-41.49	-40.39
YBADJ	STCK3	-38.07	-35.66	-31.02	-25.44	-19.08	-12.14
YBADJ	STCK3	-4.84	2.61	9.99	17.06	23.08	28.73

```
   YBADJ    STCK3           33.52    37.28    39.91    41.33    41.49    40.39
   YBADJ    STCK3           38.07    35.66    31.02    25.44    19.08    12.14

   YBADJ    STCK4           33.29    28.47    22.78    16.40    10.05     3.06
   YBADJ    STCK4           -4.02   -10.98   -17.61   -23.70   -29.07   -33.56
   YBADJ    STCK4          -37.03   -40.45   -41.49   -41.27   -39.79   -37.10
   YBADJ    STCK4          -33.29   -28.47   -22.78   -16.40   -10.05    -3.06
   YBADJ    STCK4            4.02    10.98    17.61    23.70    29.07    33.56
   YBADJ    STCK4           37.03    40.45    41.49    41.27    39.79    37.11

   YBADJ    STCK5           63.81    61.93    58.17    52.64    46.05    37.72
   YBADJ    STCK5           28.24    17.91     7.03    -4.06   -15.03   -25.54
   YBADJ    STCK5          -35.28   -45.02   -52.24   -57.87   -61.75   -63.75
   YBADJ    STCK5          -63.81   -61.93   -58.17   -52.64   -46.05   -37.72
   YBADJ    STCK5          -28.24   -17.91    -7.03     4.06    15.03    25.54
   YBADJ    STCK5           35.28    45.02    52.24    57.87    61.75    63.75

   YBADJ    STCK6           76.61    94.81   110.13   122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00   124.22   112.68    97.71    79.78
   YBADJ    STCK6           59.42    36.18    12.99   -10.59   -33.85   -56.09
   YBADJ    STCK6          -76.61   -94.81  -110.13  -122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00  -124.22  -112.68   -97.71   -79.78
   YBADJ    STCK6          -59.42   -36.18   -12.99    10.59    33.85    56.09

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19529 Kendall Drive Industrial OY.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.SFC"
   PROFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL"
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
```

```
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19529 Kendall Drive Industrial OY.AD\PE00GALL.PLT" 31
   SUMMFILE "19529 Kendall Drive Industrial 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            8 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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


 *** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
 *** AERMET - VERSION  16216 ***   *** DPM Concentrations OY 2024                                       ***        18:36:30
                                                                                                                 PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   209 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:    209 Source(s);       1 Source Group(s); and     451 Receptor(s)

               with:      6 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    203 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) =   367.00 ;  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 =      3.9 MB of RAM.
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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.35800E-05	465418.9	3784353.0	549.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK2	0	0.35800E-05	465535.7	3784372.0	548.0	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK3	0	0.35800E-05	465564.0	3784346.7	547.1	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK4	0	0.35800E-05	465589.0	3784324.4	546.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK5	0	0.35800E-05	465615.6	3784299.7	545.5	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK6	0	0.35800E-05	465608.0	3784182.5	543.9	3.50	366.00	51.82	0.10	YES	YES	NO	

*** 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
L0000204	0	0.73280E-07	465419.1	3784353.9	549.3	3.50	4.00	10.63	YES	
L0000205	0	0.73280E-07	465425.0	3784360.2	549.3	3.50	4.00	10.63	YES	
L0000206	0	0.73280E-07	465430.9	3784366.4	549.3	3.50	4.00	10.63	YES	
L0000207	0	0.73280E-07	465436.8	3784372.7	549.3	3.50	4.00	10.63	YES	
L0000208	0	0.73280E-07	465442.7	3784378.9	549.3	3.50	4.00	10.63	YES	
L0000209	0	0.73280E-07	465448.6	3784385.2	549.3	3.50	4.00	10.63	YES	
L0000210	0	0.73280E-07	465454.5	3784391.4	549.4	3.50	4.00	10.63	YES	
L0000211	0	0.73280E-07	465460.4	3784397.7	549.4	3.50	4.00	10.63	YES	
L0000212	0	0.73280E-07	465466.3	3784403.9	549.4	3.50	4.00	10.63	YES	
L0000213	0	0.73280E-07	465472.2	3784410.2	549.4	3.50	4.00	10.63	YES	
L0000214	0	0.73280E-07	465478.1	3784416.4	549.4	3.50	4.00	10.63	YES	

L0000215	0	0.73280E-07	465484.0	3784422.6	549.4	3.50	4.00	10.63	YES	
L0000216	0	0.73280E-07	465489.9	3784428.9	549.4	3.50	4.00	10.63	YES	
L0000217	0	0.73280E-07	465495.7	3784435.1	549.5	3.50	4.00	10.63	YES	
L0000218	0	0.73280E-07	465502.0	3784440.9	549.5	3.50	4.00	10.63	YES	
L0000219	0	0.73280E-07	465509.2	3784438.0	549.3	3.50	4.00	10.63	YES	
L0000220	0	0.73280E-07	465515.5	3784432.2	549.1	3.50	4.00	10.63	YES	
L0000221	0	0.73280E-07	465521.8	3784426.4	549.0	3.50	4.00	10.63	YES	
L0000222	0	0.73280E-07	465528.2	3784420.6	548.8	3.50	4.00	10.63	YES	
L0000223	0	0.73280E-07	465534.5	3784414.8	548.6	3.50	4.00	10.63	YES	
L0000224	0	0.73280E-07	465540.8	3784409.0	548.5	3.50	4.00	10.63	YES	
L0000225	0	0.73280E-07	465547.2	3784403.2	548.3	3.50	4.00	10.63	YES	
L0000226	0	0.73280E-07	465553.5	3784397.4	548.1	3.50	4.00	10.63	YES	
L0000227	0	0.73280E-07	465559.8	3784391.6	548.0	3.50	4.00	10.63	YES	
L0000228	0	0.73280E-07	465566.2	3784385.8	547.8	3.50	4.00	10.63	YES	
L0000229	0	0.73280E-07	465572.5	3784380.0	547.6	3.50	4.00	10.63	YES	
L0000230	0	0.73280E-07	465578.9	3784374.2	547.4	3.50	4.00	10.63	YES	
L0000231	0	0.73280E-07	465585.2	3784368.4	547.2	3.50	4.00	10.63	YES	
L0000232	0	0.73280E-07	465591.5	3784362.6	547.0	3.50	4.00	10.63	YES	
L0000233	0	0.73280E-07	465597.9	3784356.8	546.8	3.50	4.00	10.63	YES	
L0000234	0	0.73280E-07	465604.2	3784351.0	546.6	3.50	4.00	10.63	YES	
L0000235	0	0.73280E-07	465610.5	3784345.2	546.4	3.50	4.00	10.63	YES	
L0000236	0	0.73280E-07	465616.9	3784339.4	546.1	3.50	4.00	10.63	YES	
L0000237	0	0.73280E-07	465623.2	3784333.6	545.9	3.50	4.00	10.63	YES	
L0000238	0	0.73280E-07	465629.6	3784327.8	545.8	3.50	4.00	10.63	YES	
L0000239	0	0.73280E-07	465635.9	3784322.0	545.6	3.50	4.00	10.63	YES	
L0000240	0	0.73280E-07	465642.2	3784316.2	545.4	3.50	4.00	10.63	YES	
L0000241	0	0.73280E-07	465648.6	3784310.4	545.3	3.50	4.00	10.63	YES	
L0000242	0	0.73280E-07	465654.9	3784304.6	545.1	3.50	4.00	10.63	YES	
L0000243	0	0.73280E-07	465661.2	3784298.8	544.9	3.50	4.00	10.63	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
L0000244	0	0.73280E-07	465667.6	3784293.0	544.7	3.50	4.00	10.63	YES	
L0000245	0	0.73280E-07	465673.9	3784287.2	544.5	3.50	4.00	10.63	YES	
L0000246	0	0.73280E-07	465678.8	3784280.4	544.5	3.50	4.00	10.63	YES	
L0000247	0	0.73280E-07	465680.4	3784272.2	544.5	3.50	4.00	10.63	YES	
L0000248	0	0.73280E-07	465677.8	3784264.1	544.5	3.50	4.00	10.63	YES	
L0000249	0	0.73280E-07	465674.3	3784256.3	544.4	3.50	4.00	10.63	YES	
L0000250	0	0.73280E-07	465669.4	3784249.3	544.3	3.50	4.00	10.63	YES	
L0000251	0	0.73280E-07	465663.6	3784243.0	544.2	3.50	4.00	10.63	YES	

L0000252	0	0.73280E-07	465657.7	3784236.7	544.2	3.50	4.00	10.63	YES
L0000253	0	0.73280E-07	465651.9	3784230.4	544.2	3.50	4.00	10.63	YES
L0000254	0	0.73280E-07	465646.0	3784224.1	544.1	3.50	4.00	10.63	YES
L0000255	0	0.73280E-07	465640.2	3784217.8	544.0	3.50	4.00	10.63	YES
L0000256	0	0.73280E-07	465634.3	3784211.6	543.9	3.50	4.00	10.63	YES
L0000257	0	0.73280E-07	465628.5	3784205.3	543.9	3.50	4.00	10.63	YES
L0000258	0	0.73280E-07	465622.6	3784199.0	543.8	3.50	4.00	10.63	YES
L0000259	0	0.73280E-07	465616.8	3784192.7	543.8	3.50	4.00	10.63	YES
L0000260	0	0.73280E-07	465610.9	3784186.4	543.9	3.50	4.00	10.63	YES
L0000261	0	0.73280E-07	465605.1	3784180.1	543.9	3.50	4.00	10.63	YES
L0000378	0	0.16110E-07	465055.8	3784668.6	560.0	3.50	4.00	1.63	YES
L0000379	0	0.16110E-07	465062.1	3784662.8	559.8	3.50	4.00	1.63	YES
L0000380	0	0.16110E-07	465068.4	3784656.9	559.6	3.50	4.00	1.63	YES
L0000381	0	0.16110E-07	465074.7	3784651.1	559.4	3.50	4.00	1.63	YES
L0000382	0	0.16110E-07	465081.1	3784645.3	559.2	3.50	4.00	1.63	YES
L0000383	0	0.16110E-07	465087.4	3784639.5	559.0	3.50	4.00	1.63	YES
L0000384	0	0.16110E-07	465093.7	3784633.6	558.9	3.50	4.00	1.63	YES
L0000385	0	0.16110E-07	465100.0	3784627.8	558.7	3.50	4.00	1.63	YES
L0000386	0	0.16110E-07	465106.3	3784622.0	558.6	3.50	4.00	1.63	YES
L0000387	0	0.16110E-07	465112.6	3784616.2	558.4	3.50	4.00	1.63	YES
L0000388	0	0.16110E-07	465119.0	3784610.4	558.2	3.50	4.00	1.63	YES
L0000389	0	0.16110E-07	465125.3	3784604.5	558.1	3.50	4.00	1.63	YES
L0000390	0	0.16110E-07	465131.6	3784598.7	557.9	3.50	4.00	1.63	YES
L0000391	0	0.16110E-07	465137.9	3784592.9	557.7	3.50	4.00	1.63	YES
L0000392	0	0.16110E-07	465144.2	3784587.1	557.6	3.50	4.00	1.63	YES
L0000393	0	0.16110E-07	465150.5	3784581.2	557.4	3.50	4.00	1.63	YES
L0000394	0	0.16110E-07	465156.9	3784575.4	557.2	3.50	4.00	1.63	YES
L0000395	0	0.16110E-07	465163.2	3784569.6	557.1	3.50	4.00	1.63	YES
L0000396	0	0.16110E-07	465169.5	3784563.8	557.0	3.50	4.00	1.63	YES
L0000397	0	0.16110E-07	465175.8	3784557.9	556.8	3.50	4.00	1.63	YES
L0000398	0	0.16110E-07	465182.1	3784552.1	556.6	3.50	4.00	1.63	YES
L0000399	0	0.16110E-07	465188.4	3784546.3	556.4	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
L0000400	0	0.16110E-07	465194.8	3784540.5	556.2	3.50	4.00	1.63	YES	
L0000401	0	0.16110E-07	465201.1	3784534.7	556.1	3.50	4.00	1.63	YES	
L0000402	0	0.16110E-07	465207.4	3784528.8	555.9	3.50	4.00	1.63	YES	
L0000403	0	0.16110E-07	465213.7	3784523.0	555.7	3.50	4.00	1.63	YES	
L0000404	0	0.16110E-07	465220.0	3784517.2	555.5	3.50	4.00	1.63	YES	

L0000405	0	0.16110E-07	465226.3	3784511.4	555.3	3.50	4.00	1.63	YES
L0000406	0	0.16110E-07	465232.7	3784505.5	555.2	3.50	4.00	1.63	YES
L0000407	0	0.16110E-07	465239.0	3784499.7	555.0	3.50	4.00	1.63	YES
L0000408	0	0.16110E-07	465245.3	3784493.9	554.8	3.50	4.00	1.63	YES
L0000409	0	0.16110E-07	465251.6	3784488.1	554.6	3.50	4.00	1.63	YES
L0000410	0	0.16110E-07	465257.9	3784482.3	554.5	3.50	4.00	1.63	YES
L0000411	0	0.16110E-07	465264.2	3784476.4	554.3	3.50	4.00	1.63	YES
L0000412	0	0.16110E-07	465270.6	3784470.6	554.1	3.50	4.00	1.63	YES
L0000413	0	0.16110E-07	465276.9	3784464.8	553.9	3.50	4.00	1.63	YES
L0000414	0	0.16110E-07	465283.2	3784459.0	553.7	3.50	4.00	1.63	YES
L0000415	0	0.16110E-07	465289.5	3784453.1	553.5	3.50	4.00	1.63	YES
L0000416	0	0.16110E-07	465295.8	3784447.3	553.3	3.50	4.00	1.63	YES
L0000417	0	0.16110E-07	465302.1	3784441.5	553.1	3.50	4.00	1.63	YES
L0000418	0	0.16110E-07	465308.5	3784435.7	552.9	3.50	4.00	1.63	YES
L0000419	0	0.16110E-07	465314.8	3784429.9	552.7	3.50	4.00	1.63	YES
L0000420	0	0.16110E-07	465321.1	3784424.0	552.5	3.50	4.00	1.63	YES
L0000421	0	0.16110E-07	465327.4	3784418.2	552.4	3.50	4.00	1.63	YES
L0000422	0	0.16110E-07	465333.7	3784412.4	552.2	3.50	4.00	1.63	YES
L0000423	0	0.16110E-07	465340.0	3784406.6	552.0	3.50	4.00	1.63	YES
L0000424	0	0.16110E-07	465346.4	3784400.7	551.8	3.50	4.00	1.63	YES
L0000425	0	0.16110E-07	465352.7	3784394.9	551.5	3.50	4.00	1.63	YES
L0000426	0	0.16110E-07	465359.0	3784389.1	551.3	3.50	4.00	1.63	YES
L0000427	0	0.16110E-07	465365.3	3784383.3	551.0	3.50	4.00	1.63	YES
L0000428	0	0.16110E-07	465371.6	3784377.5	550.8	3.50	4.00	1.63	YES
L0000429	0	0.16110E-07	465377.9	3784371.6	550.6	3.50	4.00	1.63	YES
L0000430	0	0.16110E-07	465384.3	3784365.8	550.3	3.50	4.00	1.63	YES
L0000431	0	0.16110E-07	465390.6	3784360.0	550.1	3.50	4.00	1.63	YES
L0000432	0	0.16110E-07	465396.9	3784354.2	549.9	3.50	4.00	1.63	YES
L0000433	0	0.16110E-07	465403.2	3784348.3	549.6	3.50	4.00	1.63	YES
L0000434	0	0.16180E-07	465412.9	3784338.3	549.3	3.50	4.00	1.63	YES
L0000435	0	0.16180E-07	465419.2	3784332.4	549.1	3.50	4.00	1.63	YES
L0000436	0	0.16180E-07	465425.5	3784326.6	548.9	3.50	4.00	1.63	YES
L0000437	0	0.16180E-07	465431.7	3784320.7	548.6	3.50	4.00	1.63	YES
L0000438	0	0.16180E-07	465438.0	3784314.8	548.4	3.50	4.00	1.63	YES
L0000439	0	0.16180E-07	465444.3	3784309.0	548.3	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
L0000440	0	0.16180E-07	465450.6	3784303.1	548.1	3.50	4.00	1.63	YES	
L0000441	0	0.16180E-07	465456.8	3784297.3	547.9	3.50	4.00	1.63	YES	

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L0000442        0   0.16180E-07  465463.1 3784291.4   547.6     3.50     4.00     1.63     YES
L0000443        0   0.16180E-07  465469.4 3784285.5   547.5     3.50     4.00     1.63     YES
L0000444        0   0.16180E-07  465475.7 3784279.7   547.4     3.50     4.00     1.63     YES
L0000445        0   0.16180E-07  465482.0 3784273.8   547.2     3.50     4.00     1.63     YES
L0000446        0   0.16180E-07  465488.2 3784267.9   547.0     3.50     4.00     1.63     YES
L0000447        0   0.16180E-07  465494.5 3784262.1   546.8     3.50     4.00     1.63     YES
L0000448        0   0.16180E-07  465500.8 3784256.2   546.7     3.50     4.00     1.63     YES
L0000449        0   0.16180E-07  465507.1 3784250.3   546.5     3.50     4.00     1.63     YES
L0000450        0   0.16180E-07  465513.4 3784244.5   546.3     3.50     4.00     1.63     YES
L0000451        0   0.16180E-07  465519.6 3784238.6   546.1     3.50     4.00     1.63     YES
L0000452        0   0.16180E-07  465525.9 3784232.8   545.9     3.50     4.00     1.63     YES
L0000453        0   0.16180E-07  465532.2 3784226.9   545.7     3.50     4.00     1.63     YES
L0000454        0   0.16180E-07  465538.5 3784221.0   545.5     3.50     4.00     1.63     YES
L0000455        0   0.16180E-07  465544.8 3784215.2   545.4     3.50     4.00     1.63     YES
L0000456        0   0.16180E-07  465551.0 3784209.3   545.2     3.50     4.00     1.63     YES
L0000457        0   0.16180E-07  465557.3 3784203.4   545.0     3.50     4.00     1.63     YES
L0000458        0   0.16180E-07  465563.6 3784197.6   544.8     3.50     4.00     1.63     YES
L0000459        0   0.16180E-07  465569.8 3784191.6   544.7     3.50     4.00     1.63     YES
L0000460        0   0.16180E-07  465576.0 3784185.7   544.5     3.50     4.00     1.63     YES
L0000461        0   0.16180E-07  465582.3 3784179.8   544.3     3.50     4.00     1.63     YES
L0000462        0   0.16180E-07  465588.5 3784173.9   544.2     3.50     4.00     1.63     YES
L0000463        0   0.16180E-07  465595.4 3784168.8   544.0     3.50     4.00     1.63     YES
L0000464        0   0.16180E-07  465602.5 3784164.1   543.8     3.50     4.00     1.63     YES
L0000465        0   0.16180E-07  465609.7 3784159.3   543.6     3.50     4.00     1.63     YES
L0000466        0   0.16180E-07  465616.9 3784154.6   543.4     3.50     4.00     1.63     YES
L0000467        0   0.16180E-07  465624.0 3784149.8   543.3     3.50     4.00     1.63     YES
L0000468        0   0.16180E-07  465631.4 3784145.5   543.1     3.50     4.00     1.63     YES
L0000469        0   0.16180E-07  465638.9 3784141.1   543.0     3.50     4.00     1.63     YES
L0000470        0   0.16180E-07  465646.3 3784136.8   542.8     3.50     4.00     1.63     YES
L0000471        0   0.16180E-07  465653.7 3784132.5   542.6     3.50     4.00     1.63     YES
L0000472        0   0.16180E-07  465661.1 3784128.1   542.4     3.50     4.00     1.63     YES
L0000473        0   0.16180E-07  465668.5 3784123.8   542.2     3.50     4.00     1.63     YES
L0000474        0   0.16180E-07  465675.9 3784119.5   541.9     3.50     4.00     1.63     YES
L0000475        0   0.16180E-07  465683.4 3784115.1   541.7     3.50     4.00     1.63     YES
L0000476        0   0.16180E-07  465690.8 3784110.8   541.5     3.50     4.00     1.63     YES
L0000477        0   0.16180E-07  465698.2 3784106.5   541.2     3.50     4.00     1.63     YES
L0000478        0   0.16180E-07  465705.6 3784102.1   541.0     3.50     4.00     1.63     YES
L0000479        0   0.16180E-07  465713.0 3784097.8   540.8     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

L0000480	0	0.16180E-07	465720.4	3784093.5	540.6	3.50	4.00	1.63	YES
L0000481	0	0.16180E-07	465727.8	3784089.1	540.4	3.50	4.00	1.63	YES
L0000482	0	0.16180E-07	465735.3	3784084.8	540.2	3.50	4.00	1.63	YES
L0000483	0	0.16180E-07	465742.7	3784080.4	540.0	3.50	4.00	1.63	YES
L0000484	0	0.16180E-07	465750.1	3784076.1	539.8	3.50	4.00	1.63	YES
L0000485	0	0.16180E-07	465757.5	3784071.8	539.6	3.50	4.00	1.63	YES
L0000486	0	0.16180E-07	465764.9	3784067.4	539.4	3.50	4.00	1.63	YES
L0000487	0	0.16180E-07	465772.3	3784063.1	539.2	3.50	4.00	1.63	YES
L0000488	0	0.16180E-07	465779.8	3784058.8	539.1	3.50	4.00	1.63	YES
L0000489	0	0.16180E-07	465787.2	3784054.4	538.9	3.50	4.00	1.63	YES
L0000490	0	0.16180E-07	465794.6	3784050.1	538.7	3.50	4.00	1.63	YES
L0000491	0	0.16180E-07	465802.0	3784045.8	538.6	3.50	4.00	1.63	YES
L0000492	0	0.16180E-07	465809.4	3784041.4	538.4	3.50	4.00	1.63	YES
L0000493	0	0.16180E-07	465816.8	3784037.1	538.3	3.50	4.00	1.63	YES
L0000494	0	0.16180E-07	465824.3	3784032.8	538.1	3.50	4.00	1.63	YES
L0000495	0	0.16180E-07	465831.7	3784028.4	537.9	3.50	4.00	1.63	YES
L0000496	0	0.16180E-07	465839.1	3784024.1	537.8	3.50	4.00	1.63	YES
L0000497	0	0.16180E-07	465846.5	3784019.7	537.6	3.50	4.00	1.63	YES
L0000498	0	0.16180E-07	465853.9	3784015.4	537.5	3.50	4.00	1.63	YES
L0000499	0	0.16180E-07	465861.3	3784011.1	537.3	3.50	4.00	1.63	YES
L0000500	0	0.16180E-07	465868.8	3784006.7	537.2	3.50	4.00	1.63	YES
L0000501	0	0.16180E-07	465876.2	3784002.4	537.0	3.50	4.00	1.63	YES
L0000502	0	0.16180E-07	465883.6	3783998.1	536.8	3.50	4.00	1.63	YES
L0000503	0	0.16180E-07	465891.0	3783993.7	536.7	3.50	4.00	1.63	YES
L0000504	0	0.16180E-07	465898.4	3783989.4	536.5	3.50	4.00	1.63	YES
L0000505	0	0.16180E-07	465905.8	3783985.1	536.4	3.50	4.00	1.63	YES
L0000506	0	0.16180E-07	465913.3	3783980.7	536.2	3.50	4.00	1.63	YES
L0000507	0	0.16180E-07	465920.7	3783976.4	536.1	3.50	4.00	1.63	YES
L0000508	0	0.16180E-07	465928.1	3783972.1	535.9	3.50	4.00	1.63	YES
L0000509	0	0.16180E-07	465935.5	3783967.7	535.8	3.50	4.00	1.63	YES
L0000510	0	0.16180E-07	465942.9	3783963.4	535.7	3.50	4.00	1.63	YES
L0000511	0	0.16180E-07	465950.3	3783959.0	535.6	3.50	4.00	1.63	YES
L0000512	0	0.16180E-07	465957.8	3783954.7	535.4	3.50	4.00	1.63	YES
L0000513	0	0.16180E-07	465965.2	3783950.4	535.3	3.50	4.00	1.63	YES
L0000514	0	0.16180E-07	465972.6	3783946.0	535.2	3.50	4.00	1.63	YES
L0000515	0	0.16180E-07	465980.0	3783941.7	535.1	3.50	4.00	1.63	YES
L0000516	0	0.16180E-07	465987.4	3783937.4	535.0	3.50	4.00	1.63	YES
L0000517	0	0.16180E-07	465994.8	3783933.0	534.8	3.50	4.00	1.63	YES
L0000518	0	0.16180E-07	466002.3	3783928.7	534.7	3.50	4.00	1.63	YES
L0000519	0	0.16180E-07	466009.7	3783924.4	534.6	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
L0000520	0	0.16180E-07	466017.1	3783920.0	534.4	3.50	4.00	1.63	YES	
L0000521	0	0.16180E-07	466024.5	3783915.7	534.3	3.50	4.00	1.63	YES	
L0000522	0	0.16180E-07	466031.9	3783911.4	534.2	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 , STCK6 , L0000204 , L0000205 ,
	L0000206 , L0000207 , L0000208 , L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
	L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
	L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
	L0000230 , L0000231 , L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
	L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,
	L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 , L0000252 , L0000253 ,
	L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 , L0000260 , L0000261 ,
	L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 , L0000384 , L0000385 ,
	L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 , L0000392 , L0000393 ,
	L0000394 , L0000395 , L0000396 , L0000397 , L0000398 , L0000399 , L0000400 , L0000401 ,
	L0000402 , L0000403 , L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 ,
	L0000410 , L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 ,
	L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 ,
	L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,
	L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 , L0000440 , L0000441 ,

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           L0000442    , L0000443    , L0000444    , L0000445    , L0000446    , L0000447    , L0000448    , L0000449    ,

           L0000450    , L0000451    , L0000452    , L0000453    , L0000454    , L0000455    , L0000456    , L0000457    ,

           L0000458    , L0000459    , L0000460    , L0000461    , L0000462    , L0000463    , L0000464    , L0000465    ,

           L0000466    , L0000467    , L0000468    , L0000469    , L0000470    , L0000471    , L0000472    , L0000473    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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

URBAN ID	URBAN POP	SOURCE IDs

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            2035210.   STCK1       , STCK2       , STCK3       , STCK4       , STCK5       , STCK6       , L0000204    ,
L0000205    ,

           L0000206    , L0000207    , L0000208    , L0000209    , L0000210    , L0000211    , L0000212    , L0000213    ,
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L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
L0000230 , L0000231 , L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,
L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 , L0000252 , L0000253 ,
L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 , L0000260 , L0000261 ,
L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 , L0000384 , L0000385 ,
L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 , L0000392 , L0000393 ,
L0000394 , L0000395 , L0000396 , L0000397 , L0000398 , L0000399 , L0000400 , L0000401 ,
L0000402 , L0000403 , L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 ,
L0000410 , L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 ,
L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 ,
L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,
L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 , L0000440 , L0000441 ,
L0000442 , L0000443 , L0000444 , L0000445 , L0000446 , L0000447 , L0000448 , L0000449 ,
L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,
L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 ,
L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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

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            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    ,
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*** 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	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	22.9,	233.7,	131.0,	6.0,	-121.2,	6	22.9,	243.1,	165.4,	8.9,	-106.8,
7	22.9,	245.1,	194.7,	11.5,	-89.1,	8	22.9,	239.7,	218.1,	13.7,	-68.7,
9	22.9,	226.9,	234.9,	15.6,	-46.2,	10	22.9,	207.3,	244.6,	16.9,	-22.4,
11	22.9,	181.4,	246.8,	17.8,	2.2,	12	22.9,	150.0,	241.6,	18.1,	26.7,
13	22.9,	114.0,	229.0,	17.9,	50.4,	14	22.9,	131.0,	233.7,	4.4,	71.5,
15	22.9,	165.4,	243.1,	-14.8,	91.5,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	22.9,	233.7,	131.0,	-137.0,	121.2,	24	22.9,	243.1,	165.4,	-174.2,	106.8,
25	22.9,	245.1,	194.7,	-206.2,	89.1,	26	22.9,	239.7,	218.1,	-231.8,	68.7,
27	22.9,	226.9,	234.9,	-250.5,	46.2,	28	22.9,	207.3,	244.6,	-261.5,	22.4,
29	22.9,	181.4,	246.8,	-264.6,	-2.2,	30	22.9,	150.0,	241.6,	-259.6,	-26.7,
31	22.9,	114.0,	229.0,	-246.8,	-50.4,	32	22.9,	131.0,	233.7,	-238.1,	-71.5,
33	22.9,	165.4,	243.1,	-228.4,	-91.5,	34	0.0,	0.0,	0.0,	0.0,	0.0,
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	22.9,	244.6,	207.3,	-165.0,	-27.4,	2	22.9,	246.8,	181.4,	-146.3,	-37.9,
3	22.9,	241.6,	150.0,	-123.1,	-47.1,	4	22.9,	229.0,	114.0,	-96.2,	-55.0,
5	22.9,	233.7,	131.0,	-95.8,	-60.7,	6	22.9,	243.1,	165.4,	-101.8,	-64.8,
7	22.9,	245.1,	194.7,	-104.8,	-67.0,	8	22.9,	239.7,	218.1,	-104.7,	-67.1,
9	22.9,	226.9,	234.9,	-101.3,	-65.2,	10	22.9,	207.3,	244.6,	-94.9,	-61.3,
11	22.9,	181.4,	246.8,	-85.5,	-55.6,	12	22.9,	150.0,	241.6,	-73.6,	-48.2,
13	22.9,	114.0,	229.0,	-59.5,	-39.3,	14	22.9,	131.0,	233.7,	-56.2,	-30.2,

15	22.9,	165.4,	243.1,	-56.8,	-19.2,	16	22.9,	194.7,	245.1,	-55.6,	-7.5,
17	22.9,	218.1,	239.7,	-52.7,	4.4,	18	22.9,	234.9,	226.9,	-48.2,	16.2,
19	22.9,	244.6,	207.3,	-42.3,	27.4,	20	22.9,	246.8,	181.4,	-35.1,	37.9,
21	22.9,	241.6,	150.0,	-26.8,	47.1,	22	22.9,	229.0,	114.0,	-17.7,	55.0,
23	22.9,	233.7,	131.0,	-35.2,	60.7,	24	22.9,	243.1,	165.4,	-63.5,	64.8,
25	22.9,	245.1,	194.7,	-89.8,	67.0,	26	22.9,	239.7,	218.1,	-113.5,	67.1,
27	22.9,	226.9,	234.9,	-133.6,	65.2,	28	22.9,	207.3,	244.6,	-149.7,	61.3,
29	22.9,	181.4,	246.8,	-161.3,	55.6,	30	22.9,	150.0,	241.6,	-167.9,	48.2,
31	22.9,	114.0,	229.0,	-169.5,	39.3,	32	22.9,	131.0,	233.7,	-177.5,	30.2,
33	22.9,	165.4,	243.1,	-186.4,	19.2,	34	22.9,	194.7,	245.1,	-189.5,	7.5,
35	22.9,	218.1,	239.7,	-187.0,	-4.4,	36	22.9,	234.9,	226.9,	-178.7,	-16.2,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	-145.0,	4.8,	2	22.9,	246.8,	181.4,	-132.2,	-2.6,
3	22.9,	241.6,	150.0,	-115.4,	-10.0,	4	22.9,	229.0,	114.0,	-95.1,	-17.1,
5	22.9,	233.7,	131.0,	-101.2,	-23.1,	6	22.9,	243.1,	165.4,	-113.7,	-28.7,
7	22.9,	245.1,	194.7,	-122.8,	-33.5,	8	22.9,	239.7,	218.1,	-128.2,	-37.3,
9	22.9,	226.9,	234.9,	-129.6,	-39.9,	10	22.9,	207.3,	244.6,	-127.1,	-41.3,
11	22.9,	181.4,	246.8,	-120.8,	-41.5,	12	22.9,	150.0,	241.6,	-110.8,	-40.4,
13	22.9,	114.0,	229.0,	-97.4,	-38.1,	14	22.9,	131.0,	233.7,	-93.8,	-35.7,
15	22.9,	165.4,	243.1,	-92.8,	-31.0,	16	22.9,	194.7,	245.1,	-89.0,	-25.4,
17	22.9,	218.1,	239.7,	-82.5,	-19.1,	18	22.9,	234.9,	226.9,	-73.6,	-12.1,
19	22.9,	244.6,	207.3,	-62.3,	-4.8,	20	22.9,	246.8,	181.4,	-49.2,	2.6,
21	22.9,	241.6,	150.0,	-34.6,	10.0,	22	22.9,	229.0,	114.0,	-18.9,	17.1,
23	22.9,	233.7,	131.0,	-29.8,	23.1,	24	22.9,	243.1,	165.4,	-51.6,	28.7,
25	22.9,	245.1,	194.7,	-71.9,	33.5,	26	22.9,	239.7,	218.1,	-90.0,	37.3,
27	22.9,	226.9,	234.9,	-105.3,	39.9,	28	22.9,	207.3,	244.6,	-117.5,	41.3,
29	22.9,	181.4,	246.8,	-126.0,	41.5,	30	22.9,	150.0,	241.6,	-130.8,	40.4,
31	22.9,	114.0,	229.0,	-131.5,	38.1,	32	22.9,	131.0,	233.7,	-139.9,	35.7,
33	22.9,	165.4,	243.1,	-150.3,	31.0,	34	22.9,	194.7,	245.1,	-156.1,	25.4,
35	22.9,	218.1,	239.7,	-157.1,	19.1,	36	22.9,	234.9,	226.9,	-153.4,	12.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	-127.4,	33.3,	2	22.9,	246.8,	181.4,	-119.8,	28.5,
3	22.9,	241.6,	150.0,	-108.5,	22.8,	4	22.9,	229.0,	114.0,	-94.0,	16.4,
5	22.9,	233.7,	131.0,	-105.9,	10.1,	6	22.9,	243.1,	165.4,	-124.2,	3.1,
7	22.9,	245.1,	194.7,	-138.6,	-4.0,	8	22.9,	239.7,	218.1,	-148.9,	-11.0,
9	22.9,	226.9,	234.9,	-154.6,	-17.6,	10	22.9,	207.3,	244.6,	-155.6,	-23.7,
11	22.9,	181.4,	246.8,	-151.9,	-29.1,	12	22.9,	150.0,	241.6,	-143.6,	-33.6,
13	22.9,	114.0,	229.0,	-130.9,	-37.0,	14	22.9,	131.0,	233.7,	-126.9,	-40.4,
15	22.9,	165.4,	243.1,	-124.6,	-41.5,	16	22.9,	194.7,	245.1,	-118.5,	-41.3,
17	22.9,	218.1,	239.7,	-108.8,	-39.8,	18	22.9,	234.9,	226.9,	-95.9,	-37.1,
19	22.9,	244.6,	207.3,	-80.0,	-33.3,	20	22.9,	246.8,	181.4,	-61.6,	-28.5,
21	22.9,	241.6,	150.0,	-41.4,	-22.8,	22	22.9,	229.0,	114.0,	-20.0,	-16.4,
23	22.9,	233.7,	131.0,	-25.0,	-10.1,	24	22.9,	243.1,	165.4,	-41.2,	-3.1,
25	22.9,	245.1,	194.7,	-56.1,	4.0,	26	22.9,	239.7,	218.1,	-69.3,	11.0,
27	22.9,	226.9,	234.9,	-80.4,	17.6,	28	22.9,	207.3,	244.6,	-89.0,	23.7,

29	22.9,	181.4,	246.8,	-94.9,	29.1,	30	22.9,	150.0,	241.6,	-98.0,	33.6,
31	22.9,	114.0,	229.0,	-98.1,	37.0,	32	22.9,	131.0,	233.7,	-106.8,	40.4,
33	22.9,	165.4,	243.1,	-118.5,	41.5,	34	22.9,	194.7,	245.1,	-126.6,	41.3,
35	22.9,	218.1,	239.7,	-130.8,	39.8,	36	22.9,	234.9,	226.9,	-131.1,	37.1,

*** 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	22.9,	244.6,	207.3,	-107.7,	63.8,	2	22.9,	246.8,	181.4,	-105.7,	61.9,
3	22.9,	241.6,	150.0,	-100.5,	58.2,	4	22.9,	229.0,	114.0,	-92.3,	52.6,
5	22.9,	233.7,	131.0,	-110.5,	46.0,	6	22.9,	243.1,	165.4,	-134.9,	37.7,
7	22.9,	245.1,	194.7,	-155.2,	28.2,	8	22.9,	239.7,	218.1,	-170.8,	17.9,
9	22.9,	226.9,	234.9,	-181.2,	7.0,	10	22.9,	207.3,	244.6,	-186.1,	-4.1,
11	22.9,	181.4,	246.8,	-185.3,	-15.0,	12	22.9,	150.0,	241.6,	-179.0,	-25.5,
13	22.9,	114.0,	229.0,	-167.1,	-35.3,	14	22.9,	131.0,	233.7,	-162.9,	-45.0,
15	22.9,	165.4,	243.1,	-159.3,	-52.2,	16	22.9,	194.7,	245.1,	-150.8,	-57.9,
17	22.9,	218.1,	239.7,	-137.7,	-61.8,	18	22.9,	234.9,	226.9,	-120.5,	-63.8,
19	22.9,	244.6,	207.3,	-99.6,	-63.8,	20	22.9,	246.8,	181.4,	-75.7,	-61.9,
21	22.9,	241.6,	150.0,	-49.4,	-58.2,	22	22.9,	229.0,	114.0,	-21.7,	-52.6,
23	22.9,	233.7,	131.0,	-20.5,	-46.0,	24	22.9,	243.1,	165.4,	-30.4,	-37.7,
25	22.9,	245.1,	194.7,	-39.5,	-28.2,	26	22.9,	239.7,	218.1,	-47.3,	-17.9,
27	22.9,	226.9,	234.9,	-53.7,	-7.0,	28	22.9,	207.3,	244.6,	-58.5,	4.1,
29	22.9,	181.4,	246.8,	-61.5,	15.0,	30	22.9,	150.0,	241.6,	-62.6,	25.5,
31	22.9,	114.0,	229.0,	-61.8,	35.3,	32	22.9,	131.0,	233.7,	-70.8,	45.0,
33	22.9,	165.4,	243.1,	-83.8,	52.2,	34	22.9,	194.7,	245.1,	-94.3,	57.9,
35	22.9,	218.1,	239.7,	-101.9,	61.8,	36	22.9,	234.9,	226.9,	-106.4,	63.8,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	9.0,	76.6,	2	22.9,	246.8,	181.4,	7.0,	94.8,
3	22.9,	241.6,	150.0,	4.8,	110.1,	4	22.9,	229.0,	114.0,	2.4,	122.1,
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	0.0,	0.0,	0.0,	0.0,	0.0,
7	0.0,	0.0,	0.0,	0.0,	0.0,	8	0.0,	0.0,	0.0,	0.0,	0.0,
9	22.9,	226.9,	234.9,	-173.6,	124.2,	10	22.9,	207.3,	244.6,	-198.9,	112.7,
11	22.9,	181.4,	246.8,	-218.2,	97.7,	12	22.9,	150.0,	241.6,	-230.9,	79.8,
13	22.9,	114.0,	229.0,	-236.6,	59.4,	14	22.9,	131.0,	233.7,	-247.8,	36.2,
15	22.9,	165.4,	243.1,	-256.9,	13.0,	16	22.9,	194.7,	245.1,	-258.3,	-10.6,
17	22.9,	218.1,	239.7,	-251.8,	-33.8,	18	22.9,	234.9,	226.9,	-237.7,	-56.1,
19	22.9,	244.6,	207.3,	-216.3,	-76.6,	20	22.9,	246.8,	181.4,	-188.4,	-94.8,
21	22.9,	241.6,	150.0,	-154.8,	-110.1,	22	22.9,	229.0,	114.0,	-116.4,	-122.1,
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	0.0,	0.0,	0.0,	0.0,	0.0,
25	0.0,	0.0,	0.0,	0.0,	0.0,	26	0.0,	0.0,	0.0,	0.0,	0.0,

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  27   22.9,  226.9,  234.9,  -61.4, -124.2,     28   22.9,  207.3,  244.6,  -45.7, -112.7,
  29   22.9,  181.4,  246.8,  -28.6,  -97.7,     30   22.9,  150.0,  241.6,  -10.7,  -79.8,
  31   22.9,  114.0,  229.0,    7.6,  -59.4,     32   22.9,  131.0,  233.7,   14.0,  -36.2,
  33   22.9,  165.4,  243.1,   13.8,  -13.0,     34   22.9,  194.7,  245.1,   13.2,   10.6,
  35   22.9,  218.1,  239.7,   12.2,   33.8,     36   22.9,  234.9,  226.9,   10.8,   56.1,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

465048.8, 465098.8, 465148.8, 465198.8, 465248.8, 465298.8, 465348.8, 465398.8, 465448.8, 465498.8,
465548.8, 465598.8, 465648.8, 465698.8, 465748.8, 465798.8, 465848.8, 465898.8, 465948.8, 465998.8,
466048.8,

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

3783804.9, 3783854.9, 3783904.9, 3783954.9, 3784004.9, 3784054.9, 3784104.9, 3784154.9, 3784204.9, 3784254.9,
3784304.9, 3784354.9, 3784404.9, 3784454.9, 3784504.9, 3784554.9, 3784604.9, 3784654.9, 3784704.9, 3784754.9,
3784804.9,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	561.70	560.80	560.80	559.70	558.10	557.00	556.20	555.50	554.90
3784754.94	561.30	560.80	559.90	559.20	558.30	556.60	555.60	554.80	554.20
3784704.94	560.70	560.10	559.10	558.20	557.60	556.80	555.30	554.30	553.60
3784654.94	559.90	559.20	558.40	557.40	556.60	556.10	555.30	553.80	553.00
3784604.94	559.80	558.60	557.60	556.80	555.90	555.10	554.50	553.80	552.60
3784554.94	558.50	558.20	557.30	556.30	555.30	554.30	553.40	552.90	552.30
3784504.94	557.50	556.80	556.60	555.90	554.80	553.80	552.80	551.90	551.30
3784454.94	556.30	556.00	555.20	555.00	554.50	553.30	552.30	551.20	550.40

3784404.94	555.30	554.70	554.20	553.90	553.50	552.80	551.80	550.50	549.70
3784354.94	554.50	553.70	553.30	552.80	551.90	550.70	551.30	549.80	548.80
3784304.94	551.80	552.80	552.30	551.80	551.10	549.20	549.10	549.50	548.20
3784254.94	550.00	550.50	551.40	551.00	550.40	549.70	547.30	547.30	548.20
3784204.94	549.80	549.60	549.90	550.20	549.50	548.90	547.80	546.70	547.10
3784154.94	549.60	549.40	549.20	549.20	549.00	548.20	547.30	546.50	546.50
3784104.94	549.40	549.20	549.00	548.80	548.80	548.20	546.60	546.00	545.40
3784054.94	549.30	549.10	548.90	548.80	548.70	546.60	544.60	544.80	544.40
3784004.94	549.10	548.90	548.80	548.80	546.90	542.10	541.90	542.10	543.20
3783954.94	548.60	548.80	548.70	547.80	542.40	540.90	541.00	541.20	541.40
3783904.94	546.90	548.10	548.00	543.40	540.90	540.70	540.60	540.60	540.70
3783854.94	545.20	546.30	544.00	540.90	540.70	540.60	540.40	540.20	540.20
3783804.94	545.60	543.90	541.20	540.80	540.60	540.40	540.20	540.00	539.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	554.10	552.60	551.50	551.30	551.00	552.60	553.90	553.90	554.40
3784754.94	553.40	552.20	550.60	550.30	550.40	551.80	552.00	552.30	552.60
3784704.94	552.80	551.90	550.70	549.30	549.50	550.40	550.30	550.70	550.60
3784654.94	552.10	551.20	550.50	549.10	548.20	548.70	548.80	549.00	549.00
3784604.94	551.70	550.60	549.50	548.80	547.80	547.00	547.40	547.30	547.30
3784554.94	551.10	550.20	549.00	548.00	547.60	546.50	546.10	545.80	545.90
3784504.94	550.80	549.60	548.70	547.70	547.00	546.60	545.50	544.00	544.60
3784454.94	549.80	549.20	548.20	547.30	546.30	545.60	545.20	544.60	542.90
3784404.94	548.90	548.30	547.60	546.60	545.60	544.80	545.50	544.00	542.80
3784354.94	548.20	547.50	546.70	546.00	544.90	545.50	544.20	543.00	542.20
3784304.94	547.40	546.70	545.80	545.20	544.50	546.00	542.70	541.90	541.70
3784254.94	546.70	545.90	545.10	544.60	545.00	543.20	542.10	541.40	541.30
3784204.94	546.70	545.20	544.30	543.80	544.90	542.30	541.70	540.90	540.30
3784154.94	545.80	545.00	543.80	543.00	542.20	541.30	540.90	540.40	539.60
3784104.94	544.40	543.90	543.60	542.30	541.20	540.30	539.80	539.20	539.00
3784054.94	543.50	542.40	542.40	541.70	540.60	539.60	538.80	538.20	537.70
3784004.94	542.90	541.90	541.20	540.90	539.90	538.90	538.00	537.30	536.80
3783954.94	541.90	541.50	540.60	539.80	539.60	538.20	537.20	536.50	535.80
3783904.94	540.90	540.90	540.00	539.20	538.70	538.20	536.70	535.50	535.00
3783854.94	540.00	539.50	538.90	538.50	537.60	537.10	536.60	535.00	534.20
3783804.94	539.20	538.60	537.90	537.40	536.70	535.90	535.50	534.80	534.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	554.60	554.70	555.90
3784754.94	553.00	553.20	556.70
3784704.94	551.30	551.80	553.30
3784654.94	549.70	550.30	549.70
3784604.94	547.90	548.00	548.30
3784554.94	546.10	545.20	545.20
3784504.94	544.80	544.80	544.70
3784454.94	542.50	542.50	543.70
3784404.94	542.10	540.90	540.60
3784354.94	541.60	540.50	539.80
3784304.94	541.20	539.40	538.90
3784254.94	540.20	538.70	538.40
3784204.94	539.00	538.20	538.00
3784154.94	538.30	537.80	537.60
3784104.94	538.20	537.40	537.10
3784054.94	537.60	536.90	536.50
3784004.94	536.30	536.30	535.60
3783954.94	535.50	535.20	535.00
3783904.94	535.00	534.30	533.90
3783854.94	534.60	533.40	532.90
3783804.94	533.60	532.50	531.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784754.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784704.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784654.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784604.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

3784554.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784504.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784454.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784404.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784354.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784304.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784254.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784204.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784154.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784104.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784054.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784004.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783954.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783904.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783854.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30
3784754.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784704.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784654.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784604.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784554.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784504.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784454.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784404.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784354.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784304.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784254.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784204.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784154.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784104.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784054.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784004.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783954.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783904.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	2697.30	2697.30	2697.30
3784754.94	2697.30	2697.30	2697.30
3784704.94	2697.30	2697.30	2697.30
3784654.94	2697.30	2697.30	2697.30
3784604.94	2697.30	2697.30	2697.30
3784554.94	2697.30	2697.30	2697.30
3784504.94	2697.30	2697.30	2697.30
3784454.94	2697.30	2697.30	2697.30
3784404.94	2697.30	2697.30	2697.30
3784354.94	2697.30	2697.30	2697.30
3784304.94	2697.30	2697.30	2697.30
3784254.94	2697.30	2697.30	2697.30
3784204.94	2697.30	2697.30	2697.30
3784154.94	2697.30	2697.30	2697.30
3784104.94	2697.30	2697.30	2697.30
3784054.94	2697.30	2697.30	2697.30
3784004.94	2697.30	2697.30	2697.30
3783954.94	2697.30	2697.30	2697.30
3783904.94	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(465880.4,	3784256.8,	541.3,	2697.3,	0.0);	(466015.0,	3784107.2,	537.3,	2697.3,	0.0);
(465704.1,	3784142.8,	541.7,	2697.3,	0.0);	(465678.4,	3784091.3,	541.4,	2697.3,	0.0);
(465693.7,	3784082.8,	541.0,	2697.3,	0.0);	(465868.8,	3784044.5,	537.8,	2697.3,	0.0);
(465947.5,	3783995.4,	536.1,	2697.3,	0.0);	(465977.3,	3783975.9,	535.7,	2697.3,	0.0);
(465263.0,	3784529.3,	554.8,	2731.4,	0.0);	(465227.0,	3784549.9,	555.7,	2731.4,	0.0);

*** 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)
L0000224	465548.8	3784404.9	0.37
L0000225	465548.8	3784404.9	-6.16
L0000226	465548.8	3784404.9	0.29
L0000233	465598.8	3784354.9	-6.53
L0000234	465598.8	3784354.9	-1.93
L0000241	465648.8	3784304.9	-3.17
L0000242	465648.8	3784304.9	-2.54
L0000415	465298.8	3784454.9	0.91
L0000416	465298.8	3784454.9	-0.40
L0000423	465348.8	3784404.9	0.36
L0000424	465348.8	3784404.9	-3.72
L0000432	465398.8	3784354.9	-6.49
L0000433	465398.8	3784354.9	-0.69
L0000439	465448.8	3784304.9	-2.51
L0000440	465448.8	3784304.9	-6.09
L0000447	465498.8	3784254.9	-0.26
L0000448	465498.8	3784254.9	-6.27
L0000449	465498.8	3784254.9	0.83
L0000456	465548.8	3784204.9	-3.72
L0000457	465548.8	3784204.9	-0.01
L0000477	465698.8	3784104.9	-6.94
L0000478	465698.8	3784104.9	-1.29
L0000490	465798.8	3784054.9	-2.16
L0000511	465948.8	3783954.9	-4.23
L0000512	465948.8	3783954.9	0.31

*** 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
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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 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 ***   *** 19529 Kendall Drive Industrial Building   ***   06/28/23
*** AERMET - VERSION 16216 ***   *** DPM Concentrations OY 2024   ***   18:36:30
PAGE 25
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\FONT_V9_ADJU\FONT_v9.SFC   Met Version: 16216
Profile file: E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.:   3102   Upper air station no.:   3190
Name: UNKNOWN   Name: UNKNOWN
Year: 2011   Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5

```
11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20   77.    9.1  278.8    5.5
11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   53.    9.1  277.5    5.5
11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   58.    9.1  277.5    5.5
11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   64.    9.1  277.5    5.5
11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90   52.    9.1  277.0    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

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

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations OY 2024                                      ***        18:36:30
                                                                                                                PAGE  26
*** 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       ,
               STCK6       , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    , L0000209    , L0000210    ,
               L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    , L0000217    , L0000218    ,
               L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,  . . .      ,

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     465048.85    465098.85    465148.85    465198.85    465248.85    465298.85    465348.85    465398.85    465448.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00004      0.00005      0.00005      0.00006      0.00006      0.00006      0.00007      0.00007      0.00007
 3784754.94 |       0.00005      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00008      0.00009
 3784704.94 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00009      0.00010      0.00011
 3784654.94 |       0.00016      0.00019      0.00012      0.00010      0.00010      0.00011      0.00011      0.00012      0.00013
 3784604.94 |       0.00010      0.00020      0.00023      0.00014      0.00013      0.00013      0.00014      0.00015      0.00016
 3784554.94 |       0.00009      0.00012      0.00021      0.00027      0.00017      0.00017      0.00018      0.00019      0.00022
 3784504.94 |       0.00008      0.00010      0.00014      0.00022      0.00033      0.00023      0.00023      0.00027      0.00031
 3784454.94 |       0.00009      0.00010      0.00013      0.00016      0.00025      0.00032      0.00032      0.00038      0.00052
 3784404.94 |       0.00009      0.00011      0.00013      0.00016      0.00021      0.00031      0.00046      0.00059      0.00089
 3784354.94 |       0.00010      0.00012      0.00014      0.00017      0.00021      0.00030      0.00047      0.00072      0.00077
 3784304.94 |       0.00011      0.00012      0.00015      0.00018      0.00023      0.00032      0.00049      0.00076      0.00081
 3784254.94 |       0.00012      0.00013      0.00016      0.00019      0.00024      0.00032      0.00046      0.00064      0.00074
 3784204.94 |       0.00012      0.00014      0.00017      0.00020      0.00025      0.00032      0.00043      0.00057      0.00066
 3784154.94 |       0.00013      0.00015      0.00017      0.00021      0.00025      0.00032      0.00040      0.00050      0.00061
 3784104.94 |       0.00013      0.00015      0.00018      0.00021      0.00025      0.00031      0.00037      0.00044      0.00049
 3784054.94 |       0.00013      0.00015      0.00018      0.00021      0.00025      0.00029      0.00034      0.00038      0.00041
 3784004.94 |       0.00014      0.00015      0.00018      0.00020      0.00024      0.00027      0.00030      0.00033      0.00035
 3783954.94 |       0.00014      0.00015      0.00017      0.00020      0.00022      0.00025      0.00027      0.00029      0.00030
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 3783904.94 |       0.00014      0.00015      0.00017      0.00019      0.00021      0.00023      0.00024      0.00025      0.00025
 3783854.94 |       0.00013      0.00015      0.00016      0.00018      0.00020      0.00021      0.00022      0.00022      0.00022
 3783804.94 |       0.00013      0.00014      0.00016      0.00017      0.00018      0.00019      0.00020      0.00020      0.00019

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                              ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations OY 2024                                          ***        18:36:30
                                                                                                                    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       ,
               STCK6       , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    , L0000209    , L0000210    ,
               L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    , L0000217    , L0000218    ,
               L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     465498.85    465548.85    465598.85    465648.85    465698.85    465748.85    465798.85    465848.85    465898.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00008      0.00008      0.00009      0.00009      0.00009      0.00009      0.00010      0.00011      0.00012
 3784754.94 |       0.00009      0.00010      0.00011      0.00011      0.00011      0.00011      0.00012      0.00014      0.00015
 3784704.94 |       0.00011      0.00012      0.00012      0.00013      0.00014      0.00015      0.00016      0.00018      0.00020
 3784654.94 |       0.00014      0.00015      0.00015      0.00017      0.00018      0.00020      0.00022      0.00024      0.00025
 3784604.94 |       0.00018      0.00019      0.00020      0.00022      0.00024      0.00027      0.00030      0.00032      0.00032
 3784554.94 |       0.00024      0.00026      0.00028      0.00031      0.00035      0.00038      0.00040      0.00040      0.00038
 3784504.94 |       0.00038      0.00041      0.00044      0.00049      0.00052      0.00053      0.00052      0.00048      0.00043
 3784454.94 |       0.00079      0.00074      0.00083      0.00090      0.00079      0.00069      0.00061      0.00053      0.00044
 3784404.94 |       0.00086      0.00105      0.00123      0.00116      0.00114      0.00081      0.00066      0.00052      0.00042
 3784354.94 |       0.00092      0.00130      0.00160      0.00144      0.00117      0.00087      0.00060      0.00046      0.00037
 3784304.94 |       0.00096      0.00122      0.00134      0.00133      0.00099      0.00073      0.00048      0.00038      0.00031
 3784254.94 |       0.00088      0.00095      0.00091      0.00096      0.00086      0.00054      0.00038      0.00030      0.00025
 3784204.94 |       0.00077      0.00087      0.00085      0.00116      0.00071      0.00043      0.00032      0.00026      0.00022
 3784154.94 |       0.00069      0.00077      0.00090      0.00073      0.00050      0.00035      0.00027      0.00023      0.00019
 3784104.94 |       0.00053      0.00058      0.00056      0.00048      0.00044      0.00035      0.00026      0.00021      0.00018
 3784054.94 |       0.00043      0.00041      0.00036      0.00032      0.00029      0.00033      0.00036      0.00024      0.00018
 3784004.94 |       0.00035      0.00032      0.00028      0.00025      0.00022      0.00021      0.00022      0.00032      0.00030
 3783954.94 |       0.00029      0.00026      0.00023      0.00020      0.00019      0.00017      0.00016      0.00017      0.00020
 3783904.94 |       0.00024      0.00022      0.00019      0.00017      0.00016      0.00015      0.00014      0.00013      0.00013
 3783854.94 |       0.00020      0.00018      0.00016      0.00015      0.00014      0.00013      0.00012      0.00011      0.00011
 3783804.94 |       0.00018      0.00016      0.00014      0.00013      0.00012      0.00011      0.00011      0.00010      0.00009

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                              ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations OY 2024                                          ***        18:36:30
                                                                                                                    PAGE  28
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                         *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
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                    INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               STCK6       , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    , L0000209    , L0000210    ,
               L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    , L0000217    , L0000218    ,
               L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     465948.85    465998.85    466048.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00013      0.00015      0.00015
 3784754.94 |       0.00017      0.00018      0.00018
 3784704.94 |       0.00021      0.00022      0.00022
 3784654.94 |       0.00026      0.00026      0.00025
 3784604.94 |       0.00031      0.00030      0.00028
 3784554.94 |       0.00036      0.00032      0.00029
 3784504.94 |       0.00038      0.00034      0.00029
 3784454.94 |       0.00038      0.00032      0.00028
 3784404.94 |       0.00035      0.00029      0.00025
 3784354.94 |       0.00030      0.00026      0.00022
 3784304.94 |       0.00026      0.00022      0.00019
 3784254.94 |       0.00021      0.00018      0.00016
 3784204.94 |       0.00018      0.00016      0.00014
 3784154.94 |       0.00016      0.00014      0.00013
 3784104.94 |       0.00015      0.00013      0.00012
 3784054.94 |       0.00015      0.00013      0.00011
 3784004.94 |       0.00018      0.00014      0.00011
 3783954.94 |       0.00024      0.00021      0.00013
 3783904.94 |       0.00014      0.00018      0.00013
 3783854.94 |       0.00010      0.00010      0.00009
 3783804.94 |       0.00009      0.00008      0.00007

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations OY 2024                                      ***        18:36:30
                                                                                                                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       ,
               STCK6       , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    , L0000209    , L0000210    ,
               L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    , L0000217    , L0000218    ,
               L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,  . . .      ,
```

*** 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
465880.41	3784256.82	0.00027	466014.95	3784107.23	0.00013
465704.15	3784142.82	0.00046	465678.44	3784091.28	0.00041
465693.74	3784082.76	0.00038	465868.82	3784044.54	0.00023
465947.51	3783995.44	0.00020	465977.35	3783975.95	0.00020
465263.00	3784529.31	0.00020	465226.95	3784549.93	0.00021

*** 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	0.00160 AT (465598.85, 3784354.94, 546.70, 2731.40, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00144 AT (465648.85, 3784354.94, 546.00, 2697.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00134 AT (465598.85, 3784304.94, 545.80, 2697.30, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00133 AT (465648.85, 3784304.94, 545.20, 2697.30, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00130 AT (465548.85, 3784354.94, 547.50, 2731.40, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00123 AT (465598.85, 3784404.94, 547.60, 2731.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00122 AT (465548.85, 3784304.94, 546.70, 2731.40, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00117 AT (465698.85, 3784354.94, 544.90, 2697.30, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00116 AT (465648.85, 3784204.94, 543.80, 2697.30, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00116 AT (465648.85, 3784404.94, 546.60, 2697.30, 0.00)	GC	UCART1

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

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

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

```
A Total of            0 Fatal Error Message(s)
A Total of           13 Warning Message(s)
A Total of          838 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of           40 Calm Hours Identified

A Total of          798 Missing Hours Identified (  1.82 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                    12113003
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/28/2023
** File: C:\Lakes\AERMOD View\19529 Kendall Drive Industrial 2YR\19529 Kendall Drive Industrial 2YR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19529 Kendall Drive Industrial Building
   TITLETWO DPM Concentrations 2YR 2025-26
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19529 Kendall Drive Industrial 2YR.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      465418.855  3784352.998      549.320
** DESCRSRC Idling Location
   LOCATION STCK2        POINT      465535.706  3784371.976      547.960
** DESCRSRC Idling Location
   LOCATION STCK3        POINT      465564.005  3784346.674      547.130
** DESCRSRC Idling Location
   LOCATION STCK4        POINT      465588.974  3784324.368      546.300
** DESCRSRC Idling Location
   LOCATION STCK5        POINT      465615.608  3784299.732      545.490
** DESCRSRC Idling Location
   LOCATION STCK6        POINT      465607.951  3784182.542      543.890
** DESCRSRC Idling Location
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite truck travel
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.71E-06
** Elevated
** Building Height = 22.86
** SZINIT = 10.63
** Nodes = 9
** 465416.126, 3784350.816, 549.43, 3.50, 4.00
** 465500.692, 3784440.376, 549.45, 3.50, 4.00
** 465504.354, 3784441.708, 549.35, 3.50, 4.00
** 465508.349, 3784438.712, 549.28, 3.50, 4.00
** 465677.481, 3784283.896, 544.51, 3.50, 4.00
** 465680.811, 3784275.240, 544.46, 3.50, 4.00
** 465679.955, 3784268.845, 544.73, 3.50, 4.00
** 465672.672, 3784252.772, 544.32, 3.50, 4.00
** 465604.362, 3784179.314, 543.86, 3.50, 4.00
** ----------------------------------------------------------------
   LOCATION L0000523     VOLUME   465419.075 3784353.939 549.33
   LOCATION L0000524     VOLUME   465424.973 3784360.186 549.30
   LOCATION L0000525     VOLUME   465430.871 3784366.432 549.29
   LOCATION L0000526     VOLUME   465436.769 3784372.678 549.29
   LOCATION L0000527     VOLUME   465442.667 3784378.924 549.31
   LOCATION L0000528     VOLUME   465448.565 3784385.171 549.34
   LOCATION L0000529     VOLUME   465454.463 3784391.417 549.36
   LOCATION L0000530     VOLUME   465460.361 3784397.663 549.38
   LOCATION L0000531     VOLUME   465466.259 3784403.910 549.39
   LOCATION L0000532     VOLUME   465472.157 3784410.156 549.38
   LOCATION L0000533     VOLUME   465478.055 3784416.402 549.39
   LOCATION L0000534     VOLUME   465483.953 3784422.648 549.40
   LOCATION L0000535     VOLUME   465489.851 3784428.895 549.42
   LOCATION L0000536     VOLUME   465495.749 3784435.141 549.46
   LOCATION L0000537     VOLUME   465501.999 3784440.851 549.47
   LOCATION L0000538     VOLUME   465509.154 3784437.975 549.31
   LOCATION L0000539     VOLUME   465515.491 3784432.175 549.12
   LOCATION L0000540     VOLUME   465521.827 3784426.374 548.98
   LOCATION L0000541     VOLUME   465528.164 3784420.574 548.82
   LOCATION L0000542     VOLUME   465534.501 3784414.773 548.64
   LOCATION L0000543     VOLUME   465540.838 3784408.973 548.46
   LOCATION L0000544     VOLUME   465547.175 3784403.172 548.30
   LOCATION L0000545     VOLUME   465553.512 3784397.372 548.14
   LOCATION L0000546     VOLUME   465559.849 3784391.571 547.96
   LOCATION L0000547     VOLUME   465566.186 3784385.771 547.78
   LOCATION L0000548     VOLUME   465572.522 3784379.970 547.59
   LOCATION L0000549     VOLUME   465578.859 3784374.170 547.39
   LOCATION L0000550     VOLUME   465585.196 3784368.369 547.19
   LOCATION L0000551     VOLUME   465591.533 3784362.569 546.99
   LOCATION L0000552     VOLUME   465597.870 3784356.768 546.79
   LOCATION L0000553     VOLUME   465604.207 3784350.968 546.58
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   LOCATION L0000554     VOLUME   465610.544 3784345.167 546.36
   LOCATION L0000555     VOLUME   465616.881 3784339.367 546.13
   LOCATION L0000556     VOLUME   465623.218 3784333.566 545.95
   LOCATION L0000557     VOLUME   465629.554 3784327.766 545.77
   LOCATION L0000558     VOLUME   465635.891 3784321.965 545.60
   LOCATION L0000559     VOLUME   465642.228 3784316.165 545.45
   LOCATION L0000560     VOLUME   465648.565 3784310.364 545.28
   LOCATION L0000561     VOLUME   465654.902 3784304.564 545.11
   LOCATION L0000562     VOLUME   465661.239 3784298.763 544.93
   LOCATION L0000563     VOLUME   465667.576 3784292.963 544.74
   LOCATION L0000564     VOLUME   465673.913 3784287.163 544.54
   LOCATION L0000565     VOLUME   465678.828 3784280.393 544.46
   LOCATION L0000566     VOLUME   465680.403 3784272.198 544.47
   LOCATION L0000567     VOLUME   465677.805 3784264.101 544.48
   LOCATION L0000568     VOLUME   465674.259 3784256.276 544.41
   LOCATION L0000569     VOLUME   465669.441 3784249.298 544.28
   LOCATION L0000570     VOLUME   465663.591 3784243.007 544.22
   LOCATION L0000571     VOLUME   465657.741 3784236.716 544.21
   LOCATION L0000572     VOLUME   465651.891 3784230.425 544.16
   LOCATION L0000573     VOLUME   465646.041 3784224.134 544.08
   LOCATION L0000574     VOLUME   465640.191 3784217.843 543.98
   LOCATION L0000575     VOLUME   465634.340 3784211.552 543.91
   LOCATION L0000576     VOLUME   465628.490 3784205.260 543.86
   LOCATION L0000577     VOLUME   465622.640 3784198.969 543.83
   LOCATION L0000578     VOLUME   465616.790 3784192.678 543.82
   LOCATION L0000579     VOLUME   465610.940 3784186.387 543.87
   LOCATION L0000580     VOLUME   465605.090 3784180.096 543.91
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Along Kendall Drive to West Driveway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.22E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 465052.629, 3784671.487, 559.83, 3.50, 4.00
** 465406.776, 3784345.055, 549.45, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000581     VOLUME   465055.788 3784668.576 559.98
   LOCATION L0000582     VOLUME   465062.104 3784662.753 559.78
   LOCATION L0000583     VOLUME   465068.421 3784656.931 559.59
   LOCATION L0000584     VOLUME   465074.738 3784651.108 559.43
   LOCATION L0000585     VOLUME   465081.055 3784645.286 559.23
   LOCATION L0000586     VOLUME   465087.371 3784639.464 559.05
   LOCATION L0000587     VOLUME   465093.688 3784633.641 558.88
   LOCATION L0000588     VOLUME   465100.005 3784627.819 558.71
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   LOCATION L0000589     VOLUME   465106.322 3784621.996 558.57
   LOCATION L0000590     VOLUME   465112.638 3784616.174 558.40
   LOCATION L0000591     VOLUME   465118.955 3784610.352 558.23
   LOCATION L0000592     VOLUME   465125.272 3784604.529 558.07
   LOCATION L0000593     VOLUME   465131.588 3784598.707 557.91
   LOCATION L0000594     VOLUME   465137.905 3784592.884 557.73
   LOCATION L0000595     VOLUME   465144.222 3784587.062 557.56
   LOCATION L0000596     VOLUME   465150.539 3784581.239 557.39
   LOCATION L0000597     VOLUME   465156.855 3784575.417 557.24
   LOCATION L0000598     VOLUME   465163.172 3784569.595 557.10
   LOCATION L0000599     VOLUME   465169.489 3784563.772 556.96
   LOCATION L0000600     VOLUME   465175.806 3784557.950 556.79
   LOCATION L0000601     VOLUME   465182.122 3784552.127 556.61
   LOCATION L0000602     VOLUME   465188.439 3784546.305 556.41
   LOCATION L0000603     VOLUME   465194.756 3784540.483 556.23
   LOCATION L0000604     VOLUME   465201.073 3784534.660 556.06
   LOCATION L0000605     VOLUME   465207.389 3784528.838 555.87
   LOCATION L0000606     VOLUME   465213.706 3784523.015 555.69
   LOCATION L0000607     VOLUME   465220.023 3784517.193 555.51
   LOCATION L0000608     VOLUME   465226.340 3784511.370 555.34
   LOCATION L0000609     VOLUME   465232.656 3784505.548 555.18
   LOCATION L0000610     VOLUME   465238.973 3784499.726 555.00
   LOCATION L0000611     VOLUME   465245.290 3784493.903 554.82
   LOCATION L0000612     VOLUME   465251.607 3784488.081 554.64
   LOCATION L0000613     VOLUME   465257.923 3784482.258 554.46
   LOCATION L0000614     VOLUME   465264.240 3784476.436 554.29
   LOCATION L0000615     VOLUME   465270.557 3784470.613 554.13
   LOCATION L0000616     VOLUME   465276.874 3784464.791 553.94
   LOCATION L0000617     VOLUME   465283.190 3784458.969 553.72
   LOCATION L0000618     VOLUME   465289.507 3784453.146 553.50
   LOCATION L0000619     VOLUME   465295.824 3784447.324 553.29
   LOCATION L0000620     VOLUME   465302.141 3784441.501 553.11
   LOCATION L0000621     VOLUME   465308.457 3784435.679 552.93
   LOCATION L0000622     VOLUME   465314.774 3784429.857 552.73
   LOCATION L0000623     VOLUME   465321.091 3784424.034 552.54
   LOCATION L0000624     VOLUME   465327.408 3784418.212 552.36
   LOCATION L0000625     VOLUME   465333.724 3784412.389 552.18
   LOCATION L0000626     VOLUME   465340.041 3784406.567 551.98
   LOCATION L0000627     VOLUME   465346.358 3784400.744 551.76
   LOCATION L0000628     VOLUME   465352.675 3784394.922 551.53
   LOCATION L0000629     VOLUME   465358.991 3784389.100 551.29
   LOCATION L0000630     VOLUME   465365.308 3784383.277 551.03
   LOCATION L0000631     VOLUME   465371.625 3784377.455 550.80
   LOCATION L0000632     VOLUME   465377.942 3784371.632 550.58
   LOCATION L0000633     VOLUME   465384.258 3784365.810 550.33
   LOCATION L0000634     VOLUME   465390.575 3784359.988 550.09
   LOCATION L0000635     VOLUME   465396.892 3784354.165 549.87
   LOCATION L0000636     VOLUME   465403.209 3784348.343 549.65
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = SLINE3
** DESCRSRC From Driveways To Kendall Drive WB
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.31E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 5
** 465409.757, 3784341.226, 549.42, 3.50, 4.00
** 465562.130, 3784198.944, 544.80, 3.50, 4.00
** 465590.246, 3784172.211, 544.02, 3.50, 4.00
** 465624.354, 3784149.626, 543.20, 3.50, 4.00
** 466037.147, 3783908.299, 534.30, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000637     VOLUME   465412.896 3784338.294 549.32
   LOCATION L0000638     VOLUME   465419.175 3784332.431 549.11
   LOCATION L0000639     VOLUME   465425.454 3784326.568 548.88
   LOCATION L0000640     VOLUME   465431.733 3784320.705 548.64
   LOCATION L0000641     VOLUME   465438.012 3784314.841 548.43
   LOCATION L0000642     VOLUME   465444.291 3784308.978 548.29
   LOCATION L0000643     VOLUME   465450.570 3784303.115 548.12
   LOCATION L0000644     VOLUME   465456.849 3784297.252 547.90
   LOCATION L0000645     VOLUME   465463.128 3784291.389 547.65
   LOCATION L0000646     VOLUME   465469.407 3784285.526 547.50
   LOCATION L0000647     VOLUME   465475.686 3784279.663 547.38
   LOCATION L0000648     VOLUME   465481.965 3784273.800 547.21
   LOCATION L0000649     VOLUME   465488.244 3784267.936 546.99
   LOCATION L0000650     VOLUME   465494.523 3784262.073 546.82
   LOCATION L0000651     VOLUME   465500.802 3784256.210 546.67
   LOCATION L0000652     VOLUME   465507.081 3784250.347 546.54
   LOCATION L0000653     VOLUME   465513.360 3784244.484 546.35
   LOCATION L0000654     VOLUME   465519.639 3784238.621 546.15
   LOCATION L0000655     VOLUME   465525.918 3784232.758 545.94
   LOCATION L0000656     VOLUME   465532.197 3784226.895 545.72
   LOCATION L0000657     VOLUME   465538.476 3784221.031 545.54
   LOCATION L0000658     VOLUME   465544.755 3784215.168 545.38
   LOCATION L0000659     VOLUME   465551.034 3784209.305 545.21
   LOCATION L0000660     VOLUME   465557.313 3784203.442 545.04
   LOCATION L0000661     VOLUME   465563.580 3784197.566 544.85
   LOCATION L0000662     VOLUME   465569.805 3784191.646 544.69
   LOCATION L0000663     VOLUME   465576.031 3784185.727 544.52
   LOCATION L0000664     VOLUME   465582.257 3784179.807 544.35
   LOCATION L0000665     VOLUME   465588.483 3784173.887 544.17
   LOCATION L0000666     VOLUME   465595.380 3784168.811 543.98
   LOCATION L0000667     VOLUME   465602.543 3784164.068 543.79
   LOCATION L0000668     VOLUME   465609.706 3784159.325 543.62
   LOCATION L0000669     VOLUME   465616.869 3784154.582 543.44
   LOCATION L0000670     VOLUME   465624.031 3784149.839 543.29
   LOCATION L0000671     VOLUME   465631.436 3784145.485 543.13
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LOCATION L0000672     VOLUME   465638.853 3784141.149 542.97
LOCATION L0000673     VOLUME   465646.269 3784136.814 542.82
LOCATION L0000674     VOLUME   465653.686 3784132.478 542.64
LOCATION L0000675     VOLUME   465661.102 3784128.142 542.44
LOCATION L0000676     VOLUME   465668.518 3784123.806 542.22
LOCATION L0000677     VOLUME   465675.935 3784119.471 541.95
LOCATION L0000678     VOLUME   465683.351 3784115.135 541.70
LOCATION L0000679     VOLUME   465690.768 3784110.799 541.46
LOCATION L0000680     VOLUME   465698.184 3784106.463 541.23
LOCATION L0000681     VOLUME   465705.600 3784102.128 541.02
LOCATION L0000682     VOLUME   465713.017 3784097.792 540.82
LOCATION L0000683     VOLUME   465720.433 3784093.456 540.62
LOCATION L0000684     VOLUME   465727.850 3784089.120 540.42
LOCATION L0000685     VOLUME   465735.266 3784084.785 540.22
LOCATION L0000686     VOLUME   465742.682 3784080.449 540.01
LOCATION L0000687     VOLUME   465750.099 3784076.113 539.82
LOCATION L0000688     VOLUME   465757.515 3784071.777 539.62
LOCATION L0000689     VOLUME   465764.932 3784067.441 539.42
LOCATION L0000690     VOLUME   465772.348 3784063.106 539.23
LOCATION L0000691     VOLUME   465779.764 3784058.770 539.08
LOCATION L0000692     VOLUME   465787.181 3784054.434 538.91
LOCATION L0000693     VOLUME   465794.597 3784050.098 538.73
LOCATION L0000694     VOLUME   465802.014 3784045.763 538.57
LOCATION L0000695     VOLUME   465809.430 3784041.427 538.41
LOCATION L0000696     VOLUME   465816.846 3784037.091 538.26
LOCATION L0000697     VOLUME   465824.263 3784032.755 538.10
LOCATION L0000698     VOLUME   465831.679 3784028.420 537.94
LOCATION L0000699     VOLUME   465839.096 3784024.084 537.78
LOCATION L0000700     VOLUME   465846.512 3784019.748 537.62
LOCATION L0000701     VOLUME   465853.928 3784015.412 537.47
LOCATION L0000702     VOLUME   465861.345 3784011.077 537.31
LOCATION L0000703     VOLUME   465868.761 3784006.741 537.16
LOCATION L0000704     VOLUME   465876.178 3784002.405 537.01
LOCATION L0000705     VOLUME   465883.594 3783998.069 536.85
LOCATION L0000706     VOLUME   465891.010 3783993.734 536.69
LOCATION L0000707     VOLUME   465898.427 3783989.398 536.54
LOCATION L0000708     VOLUME   465905.843 3783985.062 536.38
LOCATION L0000709     VOLUME   465913.260 3783980.726 536.23
LOCATION L0000710     VOLUME   465920.676 3783976.390 536.07
LOCATION L0000711     VOLUME   465928.092 3783972.055 535.93
LOCATION L0000712     VOLUME   465935.509 3783967.719 535.81
LOCATION L0000713     VOLUME   465942.925 3783963.383 535.68
LOCATION L0000714     VOLUME   465950.342 3783959.047 535.56
LOCATION L0000715     VOLUME   465957.758 3783954.712 535.44
LOCATION L0000716     VOLUME   465965.174 3783950.376 535.31
LOCATION L0000717     VOLUME   465972.591 3783946.040 535.18
LOCATION L0000718     VOLUME   465980.007 3783941.704 535.07
LOCATION L0000719     VOLUME   465987.424 3783937.369 534.96
LOCATION L0000720     VOLUME   465994.840 3783933.033 534.83
LOCATION L0000721     VOLUME   466002.256 3783928.697 534.70
LOCATION L0000722     VOLUME   466009.673 3783924.361 534.58
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   LOCATION L0000723     VOLUME   466017.089 3783920.026 534.45
   LOCATION L0000724     VOLUME   466024.506 3783915.690 534.32
   LOCATION L0000725     VOLUME   466031.922 3783911.354 534.18
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
   SRCPARAM STCK1         3.48E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK2         3.48E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK3         3.48E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK4         3.48E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK5         3.48E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK6         3.48E-06     3.500   366.000    51.816       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000523     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000524     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000525     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000526     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000527     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000528     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000529     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000530     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000531     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000532     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000533     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000534     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000535     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000536     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000537     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000538     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000539     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000540     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000541     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000542     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000543     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000544     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000545     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000546     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000547     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000561     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000562     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000565     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000567     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000568     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000569     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000571     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000572     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000573     0.00000006397      3.50      4.00     10.63
   SRCPARAM L0000574     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000576     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000578     0.00000006397      3.50      4.00     10.63
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   SRCPARAM L0000580     0.00000006397      3.50      4.00     10.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000581     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000582     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000583     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000584     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000585     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000601     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000602     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000603     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000604     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000610     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000616     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000618     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000619     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000620     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000621     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000622     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000625     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000630     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000631     0.00000001468      3.50      4.00      1.63
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   SRCPARAM L0000635     0.00000001468      3.50      4.00      1.63
   SRCPARAM L0000636     0.00000001468      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000637     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000638     0.00000001472      3.50      4.00      1.63
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   SRCPARAM L0000643     0.00000001472      3.50      4.00      1.63
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   SRCPARAM L0000659     0.00000001472      3.50      4.00      1.63
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SRCPARAM L0000700     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000701     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000702     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000703     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000704     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000705     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000706     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000707     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000708     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000709     0.00000001472      3.50      4.00      1.63
SRCPARAM L0000710     0.00000001472      3.50      4.00      1.63
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   SRCPARAM L0000711     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000712     0.00000001472      3.50      4.00      1.63
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   SRCPARAM L0000715     0.00000001472      3.50      4.00      1.63
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   SRCPARAM L0000718     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000719     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000720     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000721     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000722     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000723     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000724     0.00000001472      3.50      4.00      1.63
   SRCPARAM L0000725     0.00000001472      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00

   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
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   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
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   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
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   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
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BUILDHGT STCK5	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93

```
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00

BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94

XBADJ    STCK1          0.00     0.00     0.00     0.00     5.97     8.85
XBADJ    STCK1         11.45    13.71    15.55    16.92    17.77    18.09
XBADJ    STCK1         17.85     4.38   -14.76     0.00     0.00     0.00
XBADJ    STCK1          0.00     0.00     0.00     0.00  -136.96  -174.20
XBADJ    STCK1       -206.15  -231.84  -250.48  -261.51  -264.60  -259.64
XBADJ    STCK1       -246.80  -238.09  -228.35     0.00     0.00     0.00

XBADJ    STCK2       -165.00  -146.29  -123.15   -96.25   -95.75  -101.85
XBADJ    STCK2       -104.85  -104.67  -101.31   -94.87   -85.55   -73.63
```

XBADJ	STCK2	-59.47	-56.20	-56.75	-55.58	-52.71	-48.25
XBADJ	STCK2	-42.32	-35.10	-26.82	-17.72	-35.24	-63.51
XBADJ	STCK2	-89.85	-113.46	-133.62	-149.72	-161.28	-167.93
XBADJ	STCK2	-169.48	-177.52	-186.36	-189.53	-186.95	-178.69
XBADJ	STCK3	-144.99	-132.19	-115.38	-95.06	-101.16	-113.70
XBADJ	STCK3	-122.79	-128.15	-129.61	-127.14	-120.80	-110.79
XBADJ	STCK3	-97.42	-93.78	-92.82	-89.04	-82.55	-73.56
XBADJ	STCK3	-62.33	-49.21	-34.59	-18.92	-29.83	-51.65
XBADJ	STCK3	-71.91	-89.98	-105.32	-117.46	-126.03	-130.76
XBADJ	STCK3	-131.53	-139.94	-150.29	-156.07	-157.11	-153.38
XBADJ	STCK4	-127.36	-119.77	-108.54	-94.02	-105.94	-124.17
XBADJ	STCK4	-138.62	-148.85	-154.57	-155.59	-151.88	-143.56
XBADJ	STCK4	-130.87	-126.91	-124.61	-118.53	-108.85	-95.86
XBADJ	STCK4	-79.96	-61.63	-41.42	-19.96	-25.04	-41.19
XBADJ	STCK4	-56.08	-69.27	-80.36	-89.00	-94.94	-98.00
XBADJ	STCK4	-98.08	-106.81	-118.49	-126.58	-130.82	-131.08
XBADJ	STCK5	-107.72	-105.73	-100.52	-92.27	-110.51	-134.92
XBADJ	STCK5	-155.22	-170.81	-181.21	-186.10	-185.34	-178.95
XBADJ	STCK5	-167.12	-162.91	-159.27	-150.80	-137.74	-120.50
XBADJ	STCK5	-99.60	-75.67	-49.44	-21.71	-20.47	-30.44
XBADJ	STCK5	-39.48	-47.32	-53.72	-58.49	-61.48	-62.61
XBADJ	STCK5	-61.83	-70.81	-83.83	-94.31	-101.92	-106.44
XBADJ	STCK6	9.02	7.01	4.79	2.43	0.00	0.00
XBADJ	STCK6	0.00	0.00	-173.55	-198.91	-218.22	-230.91
XBADJ	STCK6	-236.58	-247.75	-256.93	-258.30	-251.82	-237.69
XBADJ	STCK6	-216.34	-188.41	-154.76	-116.41	0.00	0.00
XBADJ	STCK6	0.00	0.00	-61.38	-45.68	-28.60	-10.65
XBADJ	STCK6	7.63	14.04	13.82	13.19	12.15	10.75
YBADJ	STCK1	0.00	0.00	0.00	0.00	-121.23	-106.79
YBADJ	STCK1	-89.11	-68.72	-46.24	-22.36	2.21	26.71
YBADJ	STCK1	50.39	71.47	91.52	0.00	0.00	0.00
YBADJ	STCK1	0.00	0.00	0.00	0.00	121.23	106.79
YBADJ	STCK1	89.11	68.72	46.24	22.36	-2.21	-26.71
YBADJ	STCK1	-50.39	-71.47	-91.52	0.00	0.00	0.00
YBADJ	STCK2	-27.43	-37.86	-47.15	-55.01	-60.66	-64.80
YBADJ	STCK2	-66.98	-67.12	-65.22	-61.34	-55.60	-48.16
YBADJ	STCK2	-39.27	-30.25	-19.17	-7.50	4.39	16.16
YBADJ	STCK2	27.43	37.86	47.15	55.01	60.66	64.80
YBADJ	STCK2	66.98	67.12	65.22	61.34	55.60	48.16
YBADJ	STCK2	39.27	30.25	19.17	7.50	-4.39	-16.16
YBADJ	STCK3	4.84	-2.61	-9.99	-17.06	-23.08	-28.73
YBADJ	STCK3	-33.52	-37.28	-39.91	-41.33	-41.49	-40.39
YBADJ	STCK3	-38.07	-35.66	-31.02	-25.44	-19.08	-12.14
YBADJ	STCK3	-4.84	2.61	9.99	17.06	23.08	28.73

```
   YBADJ    STCK3           33.52    37.28    39.91    41.33    41.49    40.39
   YBADJ    STCK3           38.07    35.66    31.02    25.44    19.08    12.14

   YBADJ    STCK4           33.29    28.47    22.78    16.40    10.05     3.06
   YBADJ    STCK4           -4.02   -10.98   -17.61   -23.70   -29.07   -33.56
   YBADJ    STCK4          -37.03   -40.45   -41.49   -41.27   -39.79   -37.10
   YBADJ    STCK4          -33.29   -28.47   -22.78   -16.40   -10.05    -3.06
   YBADJ    STCK4            4.02    10.98    17.61    23.70    29.07    33.56
   YBADJ    STCK4           37.03    40.45    41.49    41.27    39.79    37.11

   YBADJ    STCK5           63.81    61.93    58.17    52.64    46.05    37.72
   YBADJ    STCK5           28.24    17.91     7.03    -4.06   -15.03   -25.54
   YBADJ    STCK5          -35.28   -45.02   -52.24   -57.87   -61.75   -63.75
   YBADJ    STCK5          -63.81   -61.93   -58.17   -52.64   -46.05   -37.72
   YBADJ    STCK5          -28.24   -17.91    -7.03     4.06    15.03    25.54
   YBADJ    STCK5           35.28    45.02    52.24    57.87    61.75    63.75

   YBADJ    STCK6           76.61    94.81   110.13   122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00   124.22   112.68    97.71    79.78
   YBADJ    STCK6           59.42    36.18    12.99   -10.59   -33.85   -56.09
   YBADJ    STCK6          -76.61   -94.81  -110.13  -122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00  -124.22  -112.68   -97.71   -79.78
   YBADJ    STCK6          -59.42   -36.18   -12.99    10.59    33.85    56.09

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19529 Kendall Drive Industrial 2YR.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.SFC"
   PROFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL"
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
```

```
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19529 KENDALL DRIVE INDUSTRIAL 2YR.AD\PE00GALL.PLT" 31
   SUMMFILE "19529 Kendall Drive Industrial 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            8 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used         0.50
 ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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


 *** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
 *** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                                 PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   209 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:    209 Source(s);       1 Source Group(s); and     451 Receptor(s)

               with:      6 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    203 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) =   367.00 ;  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 =      3.9 MB of RAM.
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**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   19529 Kendall Drive Industrial 2YR.err
**File for Summary of Results:   19529 Kendall Drive Industrial 2YR.sum

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                               PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.34800E-05	465418.9	3784353.0	549.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK2	0	0.34800E-05	465535.7	3784372.0	548.0	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK3	0	0.34800E-05	465564.0	3784346.7	547.1	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK4	0	0.34800E-05	465589.0	3784324.4	546.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK5	0	0.34800E-05	465615.6	3784299.7	545.5	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK6	0	0.34800E-05	465608.0	3784182.5	543.9	3.50	366.00	51.82	0.10	YES	YES	NO	

```
*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                               PAGE   3
*** 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
L0000523	0	0.63970E-07	465419.1	3784353.9	549.3	3.50	4.00	10.63	YES	
L0000524	0	0.63970E-07	465425.0	3784360.2	549.3	3.50	4.00	10.63	YES	
L0000525	0	0.63970E-07	465430.9	3784366.4	549.3	3.50	4.00	10.63	YES	
L0000526	0	0.63970E-07	465436.8	3784372.7	549.3	3.50	4.00	10.63	YES	
L0000527	0	0.63970E-07	465442.7	3784378.9	549.3	3.50	4.00	10.63	YES	
L0000528	0	0.63970E-07	465448.6	3784385.2	549.3	3.50	4.00	10.63	YES	
L0000529	0	0.63970E-07	465454.5	3784391.4	549.4	3.50	4.00	10.63	YES	
L0000530	0	0.63970E-07	465460.4	3784397.7	549.4	3.50	4.00	10.63	YES	
L0000531	0	0.63970E-07	465466.3	3784403.9	549.4	3.50	4.00	10.63	YES	
L0000532	0	0.63970E-07	465472.2	3784410.2	549.4	3.50	4.00	10.63	YES	
L0000533	0	0.63970E-07	465478.1	3784416.4	549.4	3.50	4.00	10.63	YES	

L0000534	0	0.63970E-07	465484.0	3784422.6	549.4	3.50	4.00	10.63	YES	
L0000535	0	0.63970E-07	465489.9	3784428.9	549.4	3.50	4.00	10.63	YES	
L0000536	0	0.63970E-07	465495.7	3784435.1	549.5	3.50	4.00	10.63	YES	
L0000537	0	0.63970E-07	465502.0	3784440.9	549.5	3.50	4.00	10.63	YES	
L0000538	0	0.63970E-07	465509.2	3784438.0	549.3	3.50	4.00	10.63	YES	
L0000539	0	0.63970E-07	465515.5	3784432.2	549.1	3.50	4.00	10.63	YES	
L0000540	0	0.63970E-07	465521.8	3784426.4	549.0	3.50	4.00	10.63	YES	
L0000541	0	0.63970E-07	465528.2	3784420.6	548.8	3.50	4.00	10.63	YES	
L0000542	0	0.63970E-07	465534.5	3784414.8	548.6	3.50	4.00	10.63	YES	
L0000543	0	0.63970E-07	465540.8	3784409.0	548.5	3.50	4.00	10.63	YES	
L0000544	0	0.63970E-07	465547.2	3784403.2	548.3	3.50	4.00	10.63	YES	
L0000545	0	0.63970E-07	465553.5	3784397.4	548.1	3.50	4.00	10.63	YES	
L0000546	0	0.63970E-07	465559.8	3784391.6	548.0	3.50	4.00	10.63	YES	
L0000547	0	0.63970E-07	465566.2	3784385.8	547.8	3.50	4.00	10.63	YES	
L0000548	0	0.63970E-07	465572.5	3784380.0	547.6	3.50	4.00	10.63	YES	
L0000549	0	0.63970E-07	465578.9	3784374.2	547.4	3.50	4.00	10.63	YES	
L0000550	0	0.63970E-07	465585.2	3784368.4	547.2	3.50	4.00	10.63	YES	
L0000551	0	0.63970E-07	465591.5	3784362.6	547.0	3.50	4.00	10.63	YES	
L0000552	0	0.63970E-07	465597.9	3784356.8	546.8	3.50	4.00	10.63	YES	
L0000553	0	0.63970E-07	465604.2	3784351.0	546.6	3.50	4.00	10.63	YES	
L0000554	0	0.63970E-07	465610.5	3784345.2	546.4	3.50	4.00	10.63	YES	
L0000555	0	0.63970E-07	465616.9	3784339.4	546.1	3.50	4.00	10.63	YES	
L0000556	0	0.63970E-07	465623.2	3784333.6	545.9	3.50	4.00	10.63	YES	
L0000557	0	0.63970E-07	465629.6	3784327.8	545.8	3.50	4.00	10.63	YES	
L0000558	0	0.63970E-07	465635.9	3784322.0	545.6	3.50	4.00	10.63	YES	
L0000559	0	0.63970E-07	465642.2	3784316.2	545.4	3.50	4.00	10.63	YES	
L0000560	0	0.63970E-07	465648.6	3784310.4	545.3	3.50	4.00	10.63	YES	
L0000561	0	0.63970E-07	465654.9	3784304.6	545.1	3.50	4.00	10.63	YES	
L0000562	0	0.63970E-07	465661.2	3784298.8	544.9	3.50	4.00	10.63	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
L0000563	0	0.63970E-07	465667.6	3784293.0	544.7	3.50	4.00	10.63	YES	
L0000564	0	0.63970E-07	465673.9	3784287.2	544.5	3.50	4.00	10.63	YES	
L0000565	0	0.63970E-07	465678.8	3784280.4	544.5	3.50	4.00	10.63	YES	
L0000566	0	0.63970E-07	465680.4	3784272.2	544.5	3.50	4.00	10.63	YES	
L0000567	0	0.63970E-07	465677.8	3784264.1	544.5	3.50	4.00	10.63	YES	
L0000568	0	0.63970E-07	465674.3	3784256.3	544.4	3.50	4.00	10.63	YES	
L0000569	0	0.63970E-07	465669.4	3784249.3	544.3	3.50	4.00	10.63	YES	
L0000570	0	0.63970E-07	465663.6	3784243.0	544.2	3.50	4.00	10.63	YES	

L0000571	0	0.63970E-07	465657.7	3784236.7	544.2	3.50	4.00	10.63	YES
L0000572	0	0.63970E-07	465651.9	3784230.4	544.2	3.50	4.00	10.63	YES
L0000573	0	0.63970E-07	465646.0	3784224.1	544.1	3.50	4.00	10.63	YES
L0000574	0	0.63970E-07	465640.2	3784217.8	544.0	3.50	4.00	10.63	YES
L0000575	0	0.63970E-07	465634.3	3784211.6	543.9	3.50	4.00	10.63	YES
L0000576	0	0.63970E-07	465628.5	3784205.3	543.9	3.50	4.00	10.63	YES
L0000577	0	0.63970E-07	465622.6	3784199.0	543.8	3.50	4.00	10.63	YES
L0000578	0	0.63970E-07	465616.8	3784192.7	543.8	3.50	4.00	10.63	YES
L0000579	0	0.63970E-07	465610.9	3784186.4	543.9	3.50	4.00	10.63	YES
L0000580	0	0.63970E-07	465605.1	3784180.1	543.9	3.50	4.00	10.63	YES
L0000581	0	0.14680E-07	465055.8	3784668.6	560.0	3.50	4.00	1.63	YES
L0000582	0	0.14680E-07	465062.1	3784662.8	559.8	3.50	4.00	1.63	YES
L0000583	0	0.14680E-07	465068.4	3784656.9	559.6	3.50	4.00	1.63	YES
L0000584	0	0.14680E-07	465074.7	3784651.1	559.4	3.50	4.00	1.63	YES
L0000585	0	0.14680E-07	465081.1	3784645.3	559.2	3.50	4.00	1.63	YES
L0000586	0	0.14680E-07	465087.4	3784639.5	559.0	3.50	4.00	1.63	YES
L0000587	0	0.14680E-07	465093.7	3784633.6	558.9	3.50	4.00	1.63	YES
L0000588	0	0.14680E-07	465100.0	3784627.8	558.7	3.50	4.00	1.63	YES
L0000589	0	0.14680E-07	465106.3	3784622.0	558.6	3.50	4.00	1.63	YES
L0000590	0	0.14680E-07	465112.6	3784616.2	558.4	3.50	4.00	1.63	YES
L0000591	0	0.14680E-07	465119.0	3784610.4	558.2	3.50	4.00	1.63	YES
L0000592	0	0.14680E-07	465125.3	3784604.5	558.1	3.50	4.00	1.63	YES
L0000593	0	0.14680E-07	465131.6	3784598.7	557.9	3.50	4.00	1.63	YES
L0000594	0	0.14680E-07	465137.9	3784592.9	557.7	3.50	4.00	1.63	YES
L0000595	0	0.14680E-07	465144.2	3784587.1	557.6	3.50	4.00	1.63	YES
L0000596	0	0.14680E-07	465150.5	3784581.2	557.4	3.50	4.00	1.63	YES
L0000597	0	0.14680E-07	465156.9	3784575.4	557.2	3.50	4.00	1.63	YES
L0000598	0	0.14680E-07	465163.2	3784569.6	557.1	3.50	4.00	1.63	YES
L0000599	0	0.14680E-07	465169.5	3784563.8	557.0	3.50	4.00	1.63	YES
L0000600	0	0.14680E-07	465175.8	3784557.9	556.8	3.50	4.00	1.63	YES
L0000601	0	0.14680E-07	465182.1	3784552.1	556.6	3.50	4.00	1.63	YES
L0000602	0	0.14680E-07	465188.4	3784546.3	556.4	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
L0000603	0	0.14680E-07	465194.8	3784540.5	556.2	3.50	4.00	1.63	YES	
L0000604	0	0.14680E-07	465201.1	3784534.7	556.1	3.50	4.00	1.63	YES	
L0000605	0	0.14680E-07	465207.4	3784528.8	555.9	3.50	4.00	1.63	YES	
L0000606	0	0.14680E-07	465213.7	3784523.0	555.7	3.50	4.00	1.63	YES	
L0000607	0	0.14680E-07	465220.0	3784517.2	555.5	3.50	4.00	1.63	YES	

L0000608	0	0.14680E-07	465226.3	3784511.4	555.3	3.50	4.00	1.63	YES
L0000609	0	0.14680E-07	465232.7	3784505.5	555.2	3.50	4.00	1.63	YES
L0000610	0	0.14680E-07	465239.0	3784499.7	555.0	3.50	4.00	1.63	YES
L0000611	0	0.14680E-07	465245.3	3784493.9	554.8	3.50	4.00	1.63	YES
L0000612	0	0.14680E-07	465251.6	3784488.1	554.6	3.50	4.00	1.63	YES
L0000613	0	0.14680E-07	465257.9	3784482.3	554.5	3.50	4.00	1.63	YES
L0000614	0	0.14680E-07	465264.2	3784476.4	554.3	3.50	4.00	1.63	YES
L0000615	0	0.14680E-07	465270.6	3784470.6	554.1	3.50	4.00	1.63	YES
L0000616	0	0.14680E-07	465276.9	3784464.8	553.9	3.50	4.00	1.63	YES
L0000617	0	0.14680E-07	465283.2	3784459.0	553.7	3.50	4.00	1.63	YES
L0000618	0	0.14680E-07	465289.5	3784453.1	553.5	3.50	4.00	1.63	YES
L0000619	0	0.14680E-07	465295.8	3784447.3	553.3	3.50	4.00	1.63	YES
L0000620	0	0.14680E-07	465302.1	3784441.5	553.1	3.50	4.00	1.63	YES
L0000621	0	0.14680E-07	465308.5	3784435.7	552.9	3.50	4.00	1.63	YES
L0000622	0	0.14680E-07	465314.8	3784429.9	552.7	3.50	4.00	1.63	YES
L0000623	0	0.14680E-07	465321.1	3784424.0	552.5	3.50	4.00	1.63	YES
L0000624	0	0.14680E-07	465327.4	3784418.2	552.4	3.50	4.00	1.63	YES
L0000625	0	0.14680E-07	465333.7	3784412.4	552.2	3.50	4.00	1.63	YES
L0000626	0	0.14680E-07	465340.0	3784406.6	552.0	3.50	4.00	1.63	YES
L0000627	0	0.14680E-07	465346.4	3784400.7	551.8	3.50	4.00	1.63	YES
L0000628	0	0.14680E-07	465352.7	3784394.9	551.5	3.50	4.00	1.63	YES
L0000629	0	0.14680E-07	465359.0	3784389.1	551.3	3.50	4.00	1.63	YES
L0000630	0	0.14680E-07	465365.3	3784383.3	551.0	3.50	4.00	1.63	YES
L0000631	0	0.14680E-07	465371.6	3784377.5	550.8	3.50	4.00	1.63	YES
L0000632	0	0.14680E-07	465377.9	3784371.6	550.6	3.50	4.00	1.63	YES
L0000633	0	0.14680E-07	465384.3	3784365.8	550.3	3.50	4.00	1.63	YES
L0000634	0	0.14680E-07	465390.6	3784360.0	550.1	3.50	4.00	1.63	YES
L0000635	0	0.14680E-07	465396.9	3784354.2	549.9	3.50	4.00	1.63	YES
L0000636	0	0.14680E-07	465403.2	3784348.3	549.6	3.50	4.00	1.63	YES
L0000637	0	0.14720E-07	465412.9	3784338.3	549.3	3.50	4.00	1.63	YES
L0000638	0	0.14720E-07	465419.2	3784332.4	549.1	3.50	4.00	1.63	YES
L0000639	0	0.14720E-07	465425.5	3784326.6	548.9	3.50	4.00	1.63	YES
L0000640	0	0.14720E-07	465431.7	3784320.7	548.6	3.50	4.00	1.63	YES
L0000641	0	0.14720E-07	465438.0	3784314.8	548.4	3.50	4.00	1.63	YES
L0000642	0	0.14720E-07	465444.3	3784309.0	548.3	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
L0000643	0	0.14720E-07	465450.6	3784303.1	548.1	3.50	4.00	1.63	YES	
L0000644	0	0.14720E-07	465456.8	3784297.3	547.9	3.50	4.00	1.63	YES	

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L0000645         0   0.14720E-07  465463.1 3784291.4   547.6     3.50     4.00     1.63     YES
L0000646         0   0.14720E-07  465469.4 3784285.5   547.5     3.50     4.00     1.63     YES
L0000647         0   0.14720E-07  465475.7 3784279.7   547.4     3.50     4.00     1.63     YES
L0000648         0   0.14720E-07  465482.0 3784273.8   547.2     3.50     4.00     1.63     YES
L0000649         0   0.14720E-07  465488.2 3784267.9   547.0     3.50     4.00     1.63     YES
L0000650         0   0.14720E-07  465494.5 3784262.1   546.8     3.50     4.00     1.63     YES
L0000651         0   0.14720E-07  465500.8 3784256.2   546.7     3.50     4.00     1.63     YES
L0000652         0   0.14720E-07  465507.1 3784250.3   546.5     3.50     4.00     1.63     YES
L0000653         0   0.14720E-07  465513.4 3784244.5   546.3     3.50     4.00     1.63     YES
L0000654         0   0.14720E-07  465519.6 3784238.6   546.1     3.50     4.00     1.63     YES
L0000655         0   0.14720E-07  465525.9 3784232.8   545.9     3.50     4.00     1.63     YES
L0000656         0   0.14720E-07  465532.2 3784226.9   545.7     3.50     4.00     1.63     YES
L0000657         0   0.14720E-07  465538.5 3784221.0   545.5     3.50     4.00     1.63     YES
L0000658         0   0.14720E-07  465544.8 3784215.2   545.4     3.50     4.00     1.63     YES
L0000659         0   0.14720E-07  465551.0 3784209.3   545.2     3.50     4.00     1.63     YES
L0000660         0   0.14720E-07  465557.3 3784203.4   545.0     3.50     4.00     1.63     YES
L0000661         0   0.14720E-07  465563.6 3784197.6   544.8     3.50     4.00     1.63     YES
L0000662         0   0.14720E-07  465569.8 3784191.6   544.7     3.50     4.00     1.63     YES
L0000663         0   0.14720E-07  465576.0 3784185.7   544.5     3.50     4.00     1.63     YES
L0000664         0   0.14720E-07  465582.3 3784179.8   544.3     3.50     4.00     1.63     YES
L0000665         0   0.14720E-07  465588.5 3784173.9   544.2     3.50     4.00     1.63     YES
L0000666         0   0.14720E-07  465595.4 3784168.8   544.0     3.50     4.00     1.63     YES
L0000667         0   0.14720E-07  465602.5 3784164.1   543.8     3.50     4.00     1.63     YES
L0000668         0   0.14720E-07  465609.7 3784159.3   543.6     3.50     4.00     1.63     YES
L0000669         0   0.14720E-07  465616.9 3784154.6   543.4     3.50     4.00     1.63     YES
L0000670         0   0.14720E-07  465624.0 3784149.8   543.3     3.50     4.00     1.63     YES
L0000671         0   0.14720E-07  465631.4 3784145.5   543.1     3.50     4.00     1.63     YES
L0000672         0   0.14720E-07  465638.9 3784141.1   543.0     3.50     4.00     1.63     YES
L0000673         0   0.14720E-07  465646.3 3784136.8   542.8     3.50     4.00     1.63     YES
L0000674         0   0.14720E-07  465653.7 3784132.5   542.6     3.50     4.00     1.63     YES
L0000675         0   0.14720E-07  465661.1 3784128.1   542.4     3.50     4.00     1.63     YES
L0000676         0   0.14720E-07  465668.5 3784123.8   542.2     3.50     4.00     1.63     YES
L0000677         0   0.14720E-07  465675.9 3784119.5   541.9     3.50     4.00     1.63     YES
L0000678         0   0.14720E-07  465683.4 3784115.1   541.7     3.50     4.00     1.63     YES
L0000679         0   0.14720E-07  465690.8 3784110.8   541.5     3.50     4.00     1.63     YES
L0000680         0   0.14720E-07  465698.2 3784106.5   541.2     3.50     4.00     1.63     YES
L0000681         0   0.14720E-07  465705.6 3784102.1   541.0     3.50     4.00     1.63     YES
L0000682         0   0.14720E-07  465713.0 3784097.8   540.8     3.50     4.00     1.63     YES
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000683	0	0.14720E-07	465720.4	3784093.5	540.6	3.50	4.00	1.63	YES
L0000684	0	0.14720E-07	465727.8	3784089.1	540.4	3.50	4.00	1.63	YES
L0000685	0	0.14720E-07	465735.3	3784084.8	540.2	3.50	4.00	1.63	YES
L0000686	0	0.14720E-07	465742.7	3784080.4	540.0	3.50	4.00	1.63	YES
L0000687	0	0.14720E-07	465750.1	3784076.1	539.8	3.50	4.00	1.63	YES
L0000688	0	0.14720E-07	465757.5	3784071.8	539.6	3.50	4.00	1.63	YES
L0000689	0	0.14720E-07	465764.9	3784067.4	539.4	3.50	4.00	1.63	YES
L0000690	0	0.14720E-07	465772.3	3784063.1	539.2	3.50	4.00	1.63	YES
L0000691	0	0.14720E-07	465779.8	3784058.8	539.1	3.50	4.00	1.63	YES
L0000692	0	0.14720E-07	465787.2	3784054.4	538.9	3.50	4.00	1.63	YES
L0000693	0	0.14720E-07	465794.6	3784050.1	538.7	3.50	4.00	1.63	YES
L0000694	0	0.14720E-07	465802.0	3784045.8	538.6	3.50	4.00	1.63	YES
L0000695	0	0.14720E-07	465809.4	3784041.4	538.4	3.50	4.00	1.63	YES
L0000696	0	0.14720E-07	465816.8	3784037.1	538.3	3.50	4.00	1.63	YES
L0000697	0	0.14720E-07	465824.3	3784032.8	538.1	3.50	4.00	1.63	YES
L0000698	0	0.14720E-07	465831.7	3784028.4	537.9	3.50	4.00	1.63	YES
L0000699	0	0.14720E-07	465839.1	3784024.1	537.8	3.50	4.00	1.63	YES
L0000700	0	0.14720E-07	465846.5	3784019.7	537.6	3.50	4.00	1.63	YES
L0000701	0	0.14720E-07	465853.9	3784015.4	537.5	3.50	4.00	1.63	YES
L0000702	0	0.14720E-07	465861.3	3784011.1	537.3	3.50	4.00	1.63	YES
L0000703	0	0.14720E-07	465868.8	3784006.7	537.2	3.50	4.00	1.63	YES
L0000704	0	0.14720E-07	465876.2	3784002.4	537.0	3.50	4.00	1.63	YES
L0000705	0	0.14720E-07	465883.6	3783998.1	536.8	3.50	4.00	1.63	YES
L0000706	0	0.14720E-07	465891.0	3783993.7	536.7	3.50	4.00	1.63	YES
L0000707	0	0.14720E-07	465898.4	3783989.4	536.5	3.50	4.00	1.63	YES
L0000708	0	0.14720E-07	465905.8	3783985.1	536.4	3.50	4.00	1.63	YES
L0000709	0	0.14720E-07	465913.3	3783980.7	536.2	3.50	4.00	1.63	YES
L0000710	0	0.14720E-07	465920.7	3783976.4	536.1	3.50	4.00	1.63	YES
L0000711	0	0.14720E-07	465928.1	3783972.1	535.9	3.50	4.00	1.63	YES
L0000712	0	0.14720E-07	465935.5	3783967.7	535.8	3.50	4.00	1.63	YES
L0000713	0	0.14720E-07	465942.9	3783963.4	535.7	3.50	4.00	1.63	YES
L0000714	0	0.14720E-07	465950.3	3783959.0	535.6	3.50	4.00	1.63	YES
L0000715	0	0.14720E-07	465957.8	3783954.7	535.4	3.50	4.00	1.63	YES
L0000716	0	0.14720E-07	465965.2	3783950.4	535.3	3.50	4.00	1.63	YES
L0000717	0	0.14720E-07	465972.6	3783946.0	535.2	3.50	4.00	1.63	YES
L0000718	0	0.14720E-07	465980.0	3783941.7	535.1	3.50	4.00	1.63	YES
L0000719	0	0.14720E-07	465987.4	3783937.4	535.0	3.50	4.00	1.63	YES
L0000720	0	0.14720E-07	465994.8	3783933.0	534.8	3.50	4.00	1.63	YES
L0000721	0	0.14720E-07	466002.3	3783928.7	534.7	3.50	4.00	1.63	YES
L0000722	0	0.14720E-07	466009.7	3783924.4	534.6	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
L0000723	0	0.14720E-07	466017.1	3783920.0	534.4	3.50	4.00	1.63	YES	
L0000724	0	0.14720E-07	466024.5	3783915.7	534.3	3.50	4.00	1.63	YES	
L0000725	0	0.14720E-07	466031.9	3783911.4	534.2	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 , STCK6 , L0000523 , L0000524 ,
	L0000525 , L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 ,
	L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , 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 ,

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           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    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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

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

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

URBAN ID	URBAN POP	SOURCE IDs

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            2035210.   STCK1       , STCK2       , STCK3       , STCK4       , STCK5       , STCK6       , L0000523    ,
L0000524    ,

           L0000525    , L0000526    , L0000527    , L0000528    , L0000529    , L0000530    , L0000531    , L0000532    ,
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L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , 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 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	22.9,	233.7,	131.0,	6.0,	-121.2,	6	22.9,	243.1,	165.4,	8.9,	-106.8,
7	22.9,	245.1,	194.7,	11.5,	-89.1,	8	22.9,	239.7,	218.1,	13.7,	-68.7,
9	22.9,	226.9,	234.9,	15.6,	-46.2,	10	22.9,	207.3,	244.6,	16.9,	-22.4,
11	22.9,	181.4,	246.8,	17.8,	2.2,	12	22.9,	150.0,	241.6,	18.1,	26.7,
13	22.9,	114.0,	229.0,	17.9,	50.4,	14	22.9,	131.0,	233.7,	4.4,	71.5,
15	22.9,	165.4,	243.1,	-14.8,	91.5,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	22.9,	233.7,	131.0,	-137.0,	121.2,	24	22.9,	243.1,	165.4,	-174.2,	106.8,
25	22.9,	245.1,	194.7,	-206.2,	89.1,	26	22.9,	239.7,	218.1,	-231.8,	68.7,
27	22.9,	226.9,	234.9,	-250.5,	46.2,	28	22.9,	207.3,	244.6,	-261.5,	22.4,
29	22.9,	181.4,	246.8,	-264.6,	-2.2,	30	22.9,	150.0,	241.6,	-259.6,	-26.7,
31	22.9,	114.0,	229.0,	-246.8,	-50.4,	32	22.9,	131.0,	233.7,	-238.1,	-71.5,
33	22.9,	165.4,	243.1,	-228.4,	-91.5,	34	0.0,	0.0,	0.0,	0.0,	0.0,
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	22.9,	244.6,	207.3,	-165.0,	-27.4,	2	22.9,	246.8,	181.4,	-146.3,	-37.9,
3	22.9,	241.6,	150.0,	-123.1,	-47.1,	4	22.9,	229.0,	114.0,	-96.2,	-55.0,
5	22.9,	233.7,	131.0,	-95.8,	-60.7,	6	22.9,	243.1,	165.4,	-101.8,	-64.8,
7	22.9,	245.1,	194.7,	-104.8,	-67.0,	8	22.9,	239.7,	218.1,	-104.7,	-67.1,
9	22.9,	226.9,	234.9,	-101.3,	-65.2,	10	22.9,	207.3,	244.6,	-94.9,	-61.3,
11	22.9,	181.4,	246.8,	-85.5,	-55.6,	12	22.9,	150.0,	241.6,	-73.6,	-48.2,
13	22.9,	114.0,	229.0,	-59.5,	-39.3,	14	22.9,	131.0,	233.7,	-56.2,	-30.2,

15	22.9,	165.4,	243.1,	-56.8,	-19.2,	16	22.9,	194.7,	245.1,	-55.6,	-7.5,
17	22.9,	218.1,	239.7,	-52.7,	4.4,	18	22.9,	234.9,	226.9,	-48.2,	16.2,
19	22.9,	244.6,	207.3,	-42.3,	27.4,	20	22.9,	246.8,	181.4,	-35.1,	37.9,
21	22.9,	241.6,	150.0,	-26.8,	47.1,	22	22.9,	229.0,	114.0,	-17.7,	55.0,
23	22.9,	233.7,	131.0,	-35.2,	60.7,	24	22.9,	243.1,	165.4,	-63.5,	64.8,
25	22.9,	245.1,	194.7,	-89.8,	67.0,	26	22.9,	239.7,	218.1,	-113.5,	67.1,
27	22.9,	226.9,	234.9,	-133.6,	65.2,	28	22.9,	207.3,	244.6,	-149.7,	61.3,
29	22.9,	181.4,	246.8,	-161.3,	55.6,	30	22.9,	150.0,	241.6,	-167.9,	48.2,
31	22.9,	114.0,	229.0,	-169.5,	39.3,	32	22.9,	131.0,	233.7,	-177.5,	30.2,
33	22.9,	165.4,	243.1,	-186.4,	19.2,	34	22.9,	194.7,	245.1,	-189.5,	7.5,
35	22.9,	218.1,	239.7,	-187.0,	-4.4,	36	22.9,	234.9,	226.9,	-178.7,	-16.2,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	-145.0,	4.8,	2	22.9,	246.8,	181.4,	-132.2,	-2.6,
3	22.9,	241.6,	150.0,	-115.4,	-10.0,	4	22.9,	229.0,	114.0,	-95.1,	-17.1,
5	22.9,	233.7,	131.0,	-101.2,	-23.1,	6	22.9,	243.1,	165.4,	-113.7,	-28.7,
7	22.9,	245.1,	194.7,	-122.8,	-33.5,	8	22.9,	239.7,	218.1,	-128.2,	-37.3,
9	22.9,	226.9,	234.9,	-129.6,	-39.9,	10	22.9,	207.3,	244.6,	-127.1,	-41.3,
11	22.9,	181.4,	246.8,	-120.8,	-41.5,	12	22.9,	150.0,	241.6,	-110.8,	-40.4,
13	22.9,	114.0,	229.0,	-97.4,	-38.1,	14	22.9,	131.0,	233.7,	-93.8,	-35.7,
15	22.9,	165.4,	243.1,	-92.8,	-31.0,	16	22.9,	194.7,	245.1,	-89.0,	-25.4,
17	22.9,	218.1,	239.7,	-82.5,	-19.1,	18	22.9,	234.9,	226.9,	-73.6,	-12.1,
19	22.9,	244.6,	207.3,	-62.3,	-4.8,	20	22.9,	246.8,	181.4,	-49.2,	2.6,
21	22.9,	241.6,	150.0,	-34.6,	10.0,	22	22.9,	229.0,	114.0,	-18.9,	17.1,
23	22.9,	233.7,	131.0,	-29.8,	23.1,	24	22.9,	243.1,	165.4,	-51.6,	28.7,
25	22.9,	245.1,	194.7,	-71.9,	33.5,	26	22.9,	239.7,	218.1,	-90.0,	37.3,
27	22.9,	226.9,	234.9,	-105.3,	39.9,	28	22.9,	207.3,	244.6,	-117.5,	41.3,
29	22.9,	181.4,	246.8,	-126.0,	41.5,	30	22.9,	150.0,	241.6,	-130.8,	40.4,
31	22.9,	114.0,	229.0,	-131.5,	38.1,	32	22.9,	131.0,	233.7,	-139.9,	35.7,
33	22.9,	165.4,	243.1,	-150.3,	31.0,	34	22.9,	194.7,	245.1,	-156.1,	25.4,
35	22.9,	218.1,	239.7,	-157.1,	19.1,	36	22.9,	234.9,	226.9,	-153.4,	12.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	-127.4,	33.3,	2	22.9,	246.8,	181.4,	-119.8,	28.5,
3	22.9,	241.6,	150.0,	-108.5,	22.8,	4	22.9,	229.0,	114.0,	-94.0,	16.4,
5	22.9,	233.7,	131.0,	-105.9,	10.1,	6	22.9,	243.1,	165.4,	-124.2,	3.1,
7	22.9,	245.1,	194.7,	-138.6,	-4.0,	8	22.9,	239.7,	218.1,	-148.9,	-11.0,
9	22.9,	226.9,	234.9,	-154.6,	-17.6,	10	22.9,	207.3,	244.6,	-155.6,	-23.7,
11	22.9,	181.4,	246.8,	-151.9,	-29.1,	12	22.9,	150.0,	241.6,	-143.6,	-33.6,
13	22.9,	114.0,	229.0,	-130.9,	-37.0,	14	22.9,	131.0,	233.7,	-126.9,	-40.4,
15	22.9,	165.4,	243.1,	-124.6,	-41.5,	16	22.9,	194.7,	245.1,	-118.5,	-41.3,
17	22.9,	218.1,	239.7,	-108.8,	-39.8,	18	22.9,	234.9,	226.9,	-95.9,	-37.1,
19	22.9,	244.6,	207.3,	-80.0,	-33.3,	20	22.9,	246.8,	181.4,	-61.6,	-28.5,
21	22.9,	241.6,	150.0,	-41.4,	-22.8,	22	22.9,	229.0,	114.0,	-20.0,	-16.4,
23	22.9,	233.7,	131.0,	-25.0,	-10.1,	24	22.9,	243.1,	165.4,	-41.2,	-3.1,
25	22.9,	245.1,	194.7,	-56.1,	4.0,	26	22.9,	239.7,	218.1,	-69.3,	11.0,
27	22.9,	226.9,	234.9,	-80.4,	17.6,	28	22.9,	207.3,	244.6,	-89.0,	23.7,

29	22.9,	181.4,	246.8,	-94.9,	29.1,	30	22.9,	150.0,	241.6,	-98.0,	33.6,
31	22.9,	114.0,	229.0,	-98.1,	37.0,	32	22.9,	131.0,	233.7,	-106.8,	40.4,
33	22.9,	165.4,	243.1,	-118.5,	41.5,	34	22.9,	194.7,	245.1,	-126.6,	41.3,
35	22.9,	218.1,	239.7,	-130.8,	39.8,	36	22.9,	234.9,	226.9,	-131.1,	37.1,

*** 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	22.9,	244.6,	207.3,	-107.7,	63.8,	2	22.9,	246.8,	181.4,	-105.7,	61.9,
3	22.9,	241.6,	150.0,	-100.5,	58.2,	4	22.9,	229.0,	114.0,	-92.3,	52.6,
5	22.9,	233.7,	131.0,	-110.5,	46.0,	6	22.9,	243.1,	165.4,	-134.9,	37.7,
7	22.9,	245.1,	194.7,	-155.2,	28.2,	8	22.9,	239.7,	218.1,	-170.8,	17.9,
9	22.9,	226.9,	234.9,	-181.2,	7.0,	10	22.9,	207.3,	244.6,	-186.1,	-4.1,
11	22.9,	181.4,	246.8,	-185.3,	-15.0,	12	22.9,	150.0,	241.6,	-179.0,	-25.5,
13	22.9,	114.0,	229.0,	-167.1,	-35.3,	14	22.9,	131.0,	233.7,	-162.9,	-45.0,
15	22.9,	165.4,	243.1,	-159.3,	-52.2,	16	22.9,	194.7,	245.1,	-150.8,	-57.9,
17	22.9,	218.1,	239.7,	-137.7,	-61.8,	18	22.9,	234.9,	226.9,	-120.5,	-63.8,
19	22.9,	244.6,	207.3,	-99.6,	-63.8,	20	22.9,	246.8,	181.4,	-75.7,	-61.9,
21	22.9,	241.6,	150.0,	-49.4,	-58.2,	22	22.9,	229.0,	114.0,	-21.7,	-52.6,
23	22.9,	233.7,	131.0,	-20.5,	-46.0,	24	22.9,	243.1,	165.4,	-30.4,	-37.7,
25	22.9,	245.1,	194.7,	-39.5,	-28.2,	26	22.9,	239.7,	218.1,	-47.3,	-17.9,
27	22.9,	226.9,	234.9,	-53.7,	-7.0,	28	22.9,	207.3,	244.6,	-58.5,	4.1,
29	22.9,	181.4,	246.8,	-61.5,	15.0,	30	22.9,	150.0,	241.6,	-62.6,	25.5,
31	22.9,	114.0,	229.0,	-61.8,	35.3,	32	22.9,	131.0,	233.7,	-70.8,	45.0,
33	22.9,	165.4,	243.1,	-83.8,	52.2,	34	22.9,	194.7,	245.1,	-94.3,	57.9,
35	22.9,	218.1,	239.7,	-101.9,	61.8,	36	22.9,	234.9,	226.9,	-106.4,	63.8,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	9.0,	76.6,	2	22.9,	246.8,	181.4,	7.0,	94.8,
3	22.9,	241.6,	150.0,	4.8,	110.1,	4	22.9,	229.0,	114.0,	2.4,	122.1,
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	0.0,	0.0,	0.0,	0.0,	0.0,
7	0.0,	0.0,	0.0,	0.0,	0.0,	8	0.0,	0.0,	0.0,	0.0,	0.0,
9	22.9,	226.9,	234.9,	-173.6,	124.2,	10	22.9,	207.3,	244.6,	-198.9,	112.7,
11	22.9,	181.4,	246.8,	-218.2,	97.7,	12	22.9,	150.0,	241.6,	-230.9,	79.8,
13	22.9,	114.0,	229.0,	-236.6,	59.4,	14	22.9,	131.0,	233.7,	-247.8,	36.2,
15	22.9,	165.4,	243.1,	-256.9,	13.0,	16	22.9,	194.7,	245.1,	-258.3,	-10.6,
17	22.9,	218.1,	239.7,	-251.8,	-33.8,	18	22.9,	234.9,	226.9,	-237.7,	-56.1,
19	22.9,	244.6,	207.3,	-216.3,	-76.6,	20	22.9,	246.8,	181.4,	-188.4,	-94.8,
21	22.9,	241.6,	150.0,	-154.8,	-110.1,	22	22.9,	229.0,	114.0,	-116.4,	-122.1,
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	0.0,	0.0,	0.0,	0.0,	0.0,
25	0.0,	0.0,	0.0,	0.0,	0.0,	26	0.0,	0.0,	0.0,	0.0,	0.0,

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  27   22.9,  226.9,  234.9,  -61.4, -124.2,     28   22.9,  207.3,  244.6,  -45.7, -112.7,
  29   22.9,  181.4,  246.8,  -28.6,  -97.7,     30   22.9,  150.0,  241.6,  -10.7,  -79.8,
  31   22.9,  114.0,  229.0,    7.6,  -59.4,     32   22.9,  131.0,  233.7,   14.0,  -36.2,
  33   22.9,  165.4,  243.1,   13.8,  -13.0,     34   22.9,  194.7,  245.1,   13.2,   10.6,
  35   22.9,  218.1,  239.7,   12.2,   33.8,     36   22.9,  234.9,  226.9,   10.8,   56.1,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

465048.8, 465098.8, 465148.8, 465198.8, 465248.8, 465298.8, 465348.8, 465398.8, 465448.8, 465498.8,
465548.8, 465598.8, 465648.8, 465698.8, 465748.8, 465798.8, 465848.8, 465898.8, 465948.8, 465998.8,
466048.8,

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

3783804.9, 3783854.9, 3783904.9, 3783954.9, 3784004.9, 3784054.9, 3784104.9, 3784154.9, 3784204.9, 3784254.9,
3784304.9, 3784354.9, 3784404.9, 3784454.9, 3784504.9, 3784554.9, 3784604.9, 3784654.9, 3784704.9, 3784754.9,
3784804.9,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	561.70	560.80	560.80	559.70	558.10	557.00	556.20	555.50	554.90
3784754.94	561.30	560.80	559.90	559.20	558.30	556.60	555.60	554.80	554.20
3784704.94	560.70	560.10	559.10	558.20	557.60	556.80	555.30	554.30	553.60
3784654.94	559.90	559.20	558.40	557.40	556.60	556.10	555.30	553.80	553.00
3784604.94	559.80	558.60	557.60	556.80	555.90	555.10	554.50	553.80	552.60
3784554.94	558.50	558.20	557.30	556.30	555.30	554.30	553.40	552.90	552.30
3784504.94	557.50	556.80	556.60	555.90	554.80	553.80	552.80	551.90	551.30
3784454.94	556.30	556.00	555.20	555.00	554.50	553.30	552.30	551.20	550.40

3784404.94	555.30	554.70	554.20	553.90	553.50	552.80	551.80	550.50	549.70
3784354.94	554.50	553.70	553.30	552.80	551.90	550.70	551.30	549.80	548.80
3784304.94	551.80	552.80	552.30	551.80	551.10	549.20	549.10	549.50	548.20
3784254.94	550.00	550.50	551.40	551.00	550.40	549.70	547.30	547.30	548.20
3784204.94	549.80	549.60	549.90	550.20	549.50	548.90	547.80	546.70	547.10
3784154.94	549.60	549.40	549.20	549.20	549.00	548.20	547.30	546.50	546.50
3784104.94	549.40	549.20	549.00	548.80	548.80	548.20	546.60	546.00	545.40
3784054.94	549.30	549.10	548.90	548.80	548.70	546.60	544.60	544.80	544.40
3784004.94	549.10	548.90	548.80	548.80	546.90	542.10	541.90	542.10	543.20
3783954.94	548.60	548.80	548.70	547.80	542.40	540.90	541.00	541.20	541.40
3783904.94	546.90	548.10	548.00	543.40	540.90	540.70	540.60	540.60	540.70
3783854.94	545.20	546.30	544.00	540.90	540.70	540.60	540.40	540.20	540.20
3783804.94	545.60	543.90	541.20	540.80	540.60	540.40	540.20	540.00	539.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	554.10	552.60	551.50	551.30	551.00	552.60	553.90	553.90	554.40
3784754.94	553.40	552.20	550.60	550.30	550.40	551.80	552.00	552.30	552.60
3784704.94	552.80	551.90	550.70	549.30	549.50	550.40	550.30	550.70	550.60
3784654.94	552.10	551.20	550.50	549.10	548.20	548.70	548.80	549.00	549.00
3784604.94	551.70	550.60	549.50	548.80	547.80	547.00	547.40	547.30	547.30
3784554.94	551.10	550.20	549.00	548.00	547.60	546.50	546.10	545.80	545.90
3784504.94	550.80	549.60	548.70	547.70	547.00	546.60	545.50	544.00	544.60
3784454.94	549.80	549.20	548.20	547.30	546.30	545.60	545.20	544.60	542.90
3784404.94	548.90	548.30	547.60	546.60	545.60	544.80	545.50	544.00	542.80
3784354.94	548.20	547.50	546.70	546.00	544.90	545.50	544.20	543.00	542.20
3784304.94	547.40	546.70	545.80	545.20	544.50	546.00	542.70	541.90	541.70
3784254.94	546.70	545.90	545.10	544.60	545.00	543.20	542.10	541.40	541.30
3784204.94	546.70	545.20	544.30	543.80	544.90	542.30	541.70	540.90	540.30
3784154.94	545.80	545.00	543.80	543.00	542.20	541.30	540.90	540.40	539.60
3784104.94	544.40	543.90	543.60	542.30	541.20	540.30	539.80	539.20	539.00
3784054.94	543.50	542.40	542.40	541.70	540.60	539.60	538.80	538.20	537.70
3784004.94	542.90	541.90	541.20	540.90	539.90	538.90	538.00	537.30	536.80
3783954.94	541.90	541.50	540.60	539.80	539.60	538.20	537.20	536.50	535.80
3783904.94	540.90	540.90	540.00	539.20	538.70	538.20	536.70	535.50	535.00
3783854.94	540.00	539.50	538.90	538.50	537.60	537.10	536.60	535.00	534.20
3783804.94	539.20	538.60	537.90	537.40	536.70	535.90	535.50	534.80	534.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	554.60	554.70	555.90
3784754.94	553.00	553.20	556.70
3784704.94	551.30	551.80	553.30
3784654.94	549.70	550.30	549.70
3784604.94	547.90	548.00	548.30
3784554.94	546.10	545.20	545.20
3784504.94	544.80	544.80	544.70
3784454.94	542.50	542.50	543.70
3784404.94	542.10	540.90	540.60
3784354.94	541.60	540.50	539.80
3784304.94	541.20	539.40	538.90
3784254.94	540.20	538.70	538.40
3784204.94	539.00	538.20	538.00
3784154.94	538.30	537.80	537.60
3784104.94	538.20	537.40	537.10
3784054.94	537.60	536.90	536.50
3784004.94	536.30	536.30	535.60
3783954.94	535.50	535.20	535.00
3783904.94	535.00	534.30	533.90
3783854.94	534.60	533.40	532.90
3783804.94	533.60	532.50	531.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784754.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784704.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784654.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784604.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

3784554.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784504.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784454.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784404.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784354.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784304.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784254.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784204.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784154.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784104.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784054.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784004.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783954.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783904.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783854.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30
3784754.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784704.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784654.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784604.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784554.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784504.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784454.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784404.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784354.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784304.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784254.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784204.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784154.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784104.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784054.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784004.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783954.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783904.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	2697.30	2697.30	2697.30
3784754.94	2697.30	2697.30	2697.30
3784704.94	2697.30	2697.30	2697.30
3784654.94	2697.30	2697.30	2697.30
3784604.94	2697.30	2697.30	2697.30
3784554.94	2697.30	2697.30	2697.30
3784504.94	2697.30	2697.30	2697.30
3784454.94	2697.30	2697.30	2697.30
3784404.94	2697.30	2697.30	2697.30
3784354.94	2697.30	2697.30	2697.30
3784304.94	2697.30	2697.30	2697.30
3784254.94	2697.30	2697.30	2697.30
3784204.94	2697.30	2697.30	2697.30
3784154.94	2697.30	2697.30	2697.30
3784104.94	2697.30	2697.30	2697.30
3784054.94	2697.30	2697.30	2697.30
3784004.94	2697.30	2697.30	2697.30
3783954.94	2697.30	2697.30	2697.30
3783904.94	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(465880.4,	3784256.8,	541.3,	2697.3,	0.0);	(466015.0,	3784107.2,	537.3,	2697.3,	0.0);
(465704.1,	3784142.8,	541.7,	2697.3,	0.0);	(465678.4,	3784091.3,	541.4,	2697.3,	0.0);
(465693.7,	3784082.8,	541.0,	2697.3,	0.0);	(465868.8,	3784044.5,	537.8,	2697.3,	0.0);
(465947.5,	3783995.4,	536.1,	2697.3,	0.0);	(465977.3,	3783975.9,	535.7,	2697.3,	0.0);
(465263.0,	3784529.3,	554.8,	2731.4,	0.0);	(465227.0,	3784549.9,	555.7,	2731.4,	0.0);

*** 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)
L0000543	465548.8	3784404.9	0.37
L0000544	465548.8	3784404.9	-6.16
L0000545	465548.8	3784404.9	0.29
L0000552	465598.8	3784354.9	-6.53
L0000553	465598.8	3784354.9	-1.93
L0000560	465648.8	3784304.9	-3.17
L0000561	465648.8	3784304.9	-2.54
L0000618	465298.8	3784454.9	0.91
L0000619	465298.8	3784454.9	-0.40
L0000626	465348.8	3784404.9	0.36
L0000627	465348.8	3784404.9	-3.72
L0000635	465398.8	3784354.9	-6.49
L0000636	465398.8	3784354.9	-0.69
L0000642	465448.8	3784304.9	-2.51
L0000643	465448.8	3784304.9	-6.09
L0000650	465498.8	3784254.9	-0.26
L0000651	465498.8	3784254.9	-6.27
L0000652	465498.8	3784254.9	0.83
L0000659	465548.8	3784204.9	-3.72
L0000660	465548.8	3784204.9	-0.01
L0000680	465698.8	3784104.9	-6.94
L0000681	465698.8	3784104.9	-1.29
L0000693	465798.8	3784054.9	-2.16
L0000714	465948.8	3783954.9	-4.23
L0000715	465948.8	3783954.9	0.31

*** 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
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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 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\FONT_V9_ADJU\FONT_v9.SFC Met Version: 16216
Profile file: E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2011 Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5

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11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20   77.    9.1  278.8    5.5
11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   53.    9.1  277.5    5.5
11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   58.    9.1  277.5    5.5
11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   64.    9.1  277.5    5.5
11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90   52.    9.1  277.0    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

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

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                                PAGE  26
*** 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       ,
               STCK6       , L0000523    , L0000524    , L0000525    , L0000526    , L0000527    , L0000528    , L0000529    ,
               L0000530    , L0000531    , L0000532    , L0000533    , L0000534    , L0000535    , L0000536    , L0000537    ,
               L0000538    , L0000539    , L0000540    , L0000541    , L0000542    , L0000543    , L0000544    ,  . . .      ,

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     465048.85    465098.85    465148.85    465198.85    465248.85    465298.85    465348.85    465398.85    465448.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00004      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00007      0.00007
 3784754.94 |       0.00005      0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00008
 3784704.94 |       0.00007      0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00010      0.00010
 3784654.94 |       0.00015      0.00017      0.00011      0.00010      0.00010      0.00010      0.00011      0.00012      0.00012
 3784604.94 |       0.00009      0.00018      0.00021      0.00013      0.00012      0.00012      0.00013      0.00014      0.00016
 3784554.94 |       0.00008      0.00011      0.00019      0.00025      0.00016      0.00016      0.00017      0.00018      0.00020
 3784504.94 |       0.00008      0.00010      0.00013      0.00020      0.00030      0.00021      0.00022      0.00025      0.00029
 3784454.94 |       0.00008      0.00010      0.00012      0.00015      0.00023      0.00030      0.00030      0.00036      0.00049
 3784404.94 |       0.00009      0.00010      0.00012      0.00015      0.00020      0.00029      0.00043      0.00055      0.00081
 3784354.94 |       0.00009      0.00011      0.00013      0.00016      0.00020      0.00028      0.00045      0.00067      0.00070
 3784304.94 |       0.00010      0.00012      0.00014      0.00017      0.00022      0.00030      0.00047      0.00073      0.00076
 3784254.94 |       0.00011      0.00013      0.00015      0.00018      0.00023      0.00031      0.00043      0.00061      0.00071
 3784204.94 |       0.00012      0.00014      0.00016      0.00019      0.00024      0.00031      0.00041      0.00055      0.00063
 3784154.94 |       0.00012      0.00014      0.00017      0.00020      0.00024      0.00030      0.00039      0.00048      0.00059
 3784104.94 |       0.00013      0.00015      0.00017      0.00020      0.00024      0.00030      0.00036      0.00042      0.00047
 3784054.94 |       0.00013      0.00015      0.00017      0.00020      0.00024      0.00028      0.00033      0.00037      0.00039
 3784004.94 |       0.00013      0.00015      0.00017      0.00020      0.00023      0.00026      0.00029      0.00032      0.00034
 3783954.94 |       0.00013      0.00015      0.00017      0.00019      0.00021      0.00024      0.00026      0.00028      0.00028
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 3783904.94 |       0.00013      0.00015      0.00016      0.00018      0.00020      0.00022      0.00024      0.00024      0.00024
 3783854.94 |       0.00013      0.00014      0.00016      0.00017      0.00019      0.00020      0.00021      0.00022      0.00021
 3783804.94 |       0.00013      0.00014      0.00015      0.00016      0.00018      0.00019      0.00019      0.00019      0.00018

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                               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       ,
               STCK6       , L0000523    , L0000524    , L0000525    , L0000526    , L0000527    , L0000528    , L0000529    ,
               L0000530    , L0000531    , L0000532    , L0000533    , L0000534    , L0000535    , L0000536    , L0000537    ,
               L0000538    , L0000539    , L0000540    , L0000541    , L0000542    , L0000543    , L0000544    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     465498.85    465548.85    465598.85    465648.85    465698.85    465748.85    465798.85    465848.85    465898.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00007      0.00008      0.00008      0.00009      0.00009      0.00009      0.00009      0.00010      0.00011
 3784754.94 |       0.00009      0.00009      0.00010      0.00010      0.00011      0.00011      0.00012      0.00013      0.00015
 3784704.94 |       0.00011      0.00011      0.00012      0.00013      0.00013      0.00014      0.00015      0.00017      0.00019
 3784654.94 |       0.00013      0.00014      0.00015      0.00016      0.00017      0.00019      0.00021      0.00023      0.00025
 3784604.94 |       0.00017      0.00018      0.00019      0.00021      0.00023      0.00026      0.00028      0.00030      0.00031
 3784554.94 |       0.00023      0.00024      0.00026      0.00030      0.00033      0.00037      0.00038      0.00038      0.00037
 3784504.94 |       0.00035      0.00039      0.00042      0.00046      0.00050      0.00051      0.00050      0.00046      0.00041
 3784454.94 |       0.00073      0.00069      0.00078      0.00086      0.00075      0.00067      0.00059      0.00051      0.00043
 3784404.94 |       0.00078      0.00098      0.00116      0.00110      0.00109      0.00078      0.00063      0.00050      0.00041
 3784354.94 |       0.00087      0.00122      0.00151      0.00137      0.00111      0.00084      0.00057      0.00044      0.00035
 3784304.94 |       0.00091      0.00116      0.00127      0.00124      0.00093      0.00069      0.00046      0.00036      0.00029
 3784254.94 |       0.00083      0.00090      0.00086      0.00088      0.00080      0.00050      0.00036      0.00029      0.00024
 3784204.94 |       0.00073      0.00082      0.00079      0.00108      0.00066      0.00041      0.00030      0.00024      0.00020
 3784154.94 |       0.00066      0.00073      0.00085      0.00069      0.00047      0.00033      0.00026      0.00021      0.00018
 3784104.94 |       0.00051      0.00055      0.00053      0.00045      0.00041      0.00033      0.00024      0.00020      0.00017
 3784054.94 |       0.00041      0.00039      0.00035      0.00030      0.00028      0.00031      0.00033      0.00023      0.00017
 3784004.94 |       0.00033      0.00031      0.00027      0.00023      0.00021      0.00020      0.00021      0.00029      0.00028
 3783954.94 |       0.00027      0.00025      0.00022      0.00019      0.00018      0.00016      0.00015      0.00016      0.00018
 3783904.94 |       0.00023      0.00021      0.00018      0.00016      0.00015      0.00014      0.00013      0.00012      0.00012
 3783854.94 |       0.00019      0.00018      0.00016      0.00014      0.00013      0.00012      0.00011      0.00011      0.00010
 3783804.94 |       0.00017      0.00015      0.00014      0.00013      0.00012      0.00011      0.00010      0.00009      0.00009

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                               PAGE  28
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                         *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
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                         INCLUDING SOURCE(S):     STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
               STCK6       , L0000523    , L0000524    , L0000525    , L0000526    , L0000527    , L0000528    , L0000529    ,
               L0000530    , L0000531    , L0000532    , L0000533    , L0000534    , L0000535    , L0000536    , L0000537    ,
               L0000538    , L0000539    , L0000540    , L0000541    , L0000542    , L0000543    , L0000544    ,  . . .      ,

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

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

   Y-COORD  |                                            X-COORD (METERS)
   (METERS) |     465948.85    465998.85    466048.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00013      0.00014      0.00015
 3784754.94 |       0.00016      0.00017      0.00018
 3784704.94 |       0.00020      0.00021      0.00021
 3784654.94 |       0.00025      0.00025      0.00024
 3784604.94 |       0.00030      0.00029      0.00027
 3784554.94 |       0.00035      0.00031      0.00028
 3784504.94 |       0.00037      0.00032      0.00028
 3784454.94 |       0.00036      0.00031      0.00027
 3784404.94 |       0.00034      0.00028      0.00024
 3784354.94 |       0.00029      0.00025      0.00021
 3784304.94 |       0.00024      0.00021      0.00018
 3784254.94 |       0.00020      0.00018      0.00016
 3784204.94 |       0.00018      0.00015      0.00014
 3784154.94 |       0.00016      0.00014      0.00012
 3784104.94 |       0.00014      0.00013      0.00011
 3784054.94 |       0.00014      0.00012      0.00011
 3784004.94 |       0.00017      0.00013      0.00011
 3783954.94 |       0.00023      0.00020      0.00012
 3783904.94 |       0.00013      0.00016      0.00013
 3783854.94 |       0.00010      0.00009      0.00008
 3783804.94 |       0.00008      0.00007      0.00007

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 2YR 2025-26                                  ***        19:02:19
                                                                                                                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       ,
               STCK6       , L0000523    , L0000524    , L0000525    , L0000526    , L0000527    , L0000528    , L0000529    ,
               L0000530    , L0000531    , L0000532    , L0000533    , L0000534    , L0000535    , L0000536    , L0000537    ,
               L0000538    , L0000539    , L0000540    , L0000541    , L0000542    , L0000543    , L0000544    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465880.41	3784256.82	0.00026	466014.95	3784107.23	0.00012
465704.15	3784142.82	0.00043	465678.44	3784091.28	0.00038
465693.74	3784082.76	0.00036	465868.82	3784044.54	0.00021
465947.51	3783995.44	0.00019	465977.35	3783975.95	0.00018
465263.00	3784529.31	0.00019	465226.95	3784549.93	0.00019

*** 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	0.00151 AT (465598.85, 3784354.94, 546.70, 2731.40, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00137 AT (465648.85, 3784354.94, 546.00, 2697.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00127 AT (465598.85, 3784304.94, 545.80, 2697.30, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00124 AT (465648.85, 3784304.94, 545.20, 2697.30, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00122 AT (465548.85, 3784354.94, 547.50, 2731.40, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00116 AT (465598.85, 3784404.94, 547.60, 2731.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00116 AT (465548.85, 3784304.94, 546.70, 2731.40, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00111 AT (465698.85, 3784354.94, 544.90, 2697.30, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00110 AT (465648.85, 3784404.94, 546.60, 2697.30, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00109 AT (465698.85, 3784404.94, 545.60, 2697.30, 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           13 Warning Message(s)
A Total of          838 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of           40 Calm Hours Identified

A Total of          798 Missing Hours Identified (  1.82 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                    12113003
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/28/2023
** File: C:\Lakes\AERMOD View\19529 Kendall Drive Industrial 1st 14YR\19529 Kendall Drive Industrial 1st 14YR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19529 Kendall Drive Industrial Building
   TITLETWO DPM Concentrations 14YR 2027-2040
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19529 Kendall Drive Industrial 1st 14YR.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      465418.855  3784352.998      549.320
** DESCRSRC Idling Location
   LOCATION STCK2        POINT      465535.706  3784371.976      547.960
** DESCRSRC Idling Location
   LOCATION STCK3        POINT      465564.005  3784346.674      547.130
** DESCRSRC Idling Location
   LOCATION STCK4        POINT      465588.974  3784324.368      546.300
** DESCRSRC Idling Location
   LOCATION STCK5        POINT      465615.608  3784299.732      545.490
** DESCRSRC Idling Location
   LOCATION STCK6        POINT      465607.951  3784182.542      543.890
** DESCRSRC Idling Location
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite truck travel
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.5E-06
** Elevated
** Building Height = 22.86
** SZINIT = 10.63
** Nodes = 9
** 465416.126, 3784350.816, 549.43, 3.50, 4.00
** 465500.692, 3784440.376, 549.45, 3.50, 4.00
** 465504.354, 3784441.708, 549.35, 3.50, 4.00
** 465508.349, 3784438.712, 549.28, 3.50, 4.00
** 465677.481, 3784283.896, 544.51, 3.50, 4.00
** 465680.811, 3784275.240, 544.46, 3.50, 4.00
** 465679.955, 3784268.845, 544.73, 3.50, 4.00
** 465672.672, 3784252.772, 544.32, 3.50, 4.00
** 465604.362, 3784179.314, 543.86, 3.50, 4.00
** ----------------------------------------------------------------
   LOCATION L0000726     VOLUME   465419.075 3784353.939 549.33
   LOCATION L0000727     VOLUME   465424.973 3784360.186 549.30
   LOCATION L0000728     VOLUME   465430.871 3784366.432 549.29
   LOCATION L0000729     VOLUME   465436.769 3784372.678 549.29
   LOCATION L0000730     VOLUME   465442.667 3784378.924 549.31
   LOCATION L0000731     VOLUME   465448.565 3784385.171 549.34
   LOCATION L0000732     VOLUME   465454.463 3784391.417 549.36
   LOCATION L0000733     VOLUME   465460.361 3784397.663 549.38
   LOCATION L0000734     VOLUME   465466.259 3784403.910 549.39
   LOCATION L0000735     VOLUME   465472.157 3784410.156 549.38
   LOCATION L0000736     VOLUME   465478.055 3784416.402 549.39
   LOCATION L0000737     VOLUME   465483.953 3784422.648 549.40
   LOCATION L0000738     VOLUME   465489.851 3784428.895 549.42
   LOCATION L0000739     VOLUME   465495.749 3784435.141 549.46
   LOCATION L0000740     VOLUME   465501.999 3784440.851 549.47
   LOCATION L0000741     VOLUME   465509.154 3784437.975 549.31
   LOCATION L0000742     VOLUME   465515.491 3784432.175 549.12
   LOCATION L0000743     VOLUME   465521.827 3784426.374 548.98
   LOCATION L0000744     VOLUME   465528.164 3784420.574 548.82
   LOCATION L0000745     VOLUME   465534.501 3784414.773 548.64
   LOCATION L0000746     VOLUME   465540.838 3784408.973 548.46
   LOCATION L0000747     VOLUME   465547.175 3784403.172 548.30
   LOCATION L0000748     VOLUME   465553.512 3784397.372 548.14
   LOCATION L0000749     VOLUME   465559.849 3784391.571 547.96
   LOCATION L0000750     VOLUME   465566.186 3784385.771 547.78
   LOCATION L0000751     VOLUME   465572.522 3784379.970 547.59
   LOCATION L0000752     VOLUME   465578.859 3784374.170 547.39
   LOCATION L0000753     VOLUME   465585.196 3784368.369 547.19
   LOCATION L0000754     VOLUME   465591.533 3784362.569 546.99
   LOCATION L0000755     VOLUME   465597.870 3784356.768 546.79
   LOCATION L0000756     VOLUME   465604.207 3784350.968 546.58
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   LOCATION L0000757     VOLUME   465610.544 3784345.167 546.36
   LOCATION L0000758     VOLUME   465616.881 3784339.367 546.13
   LOCATION L0000759     VOLUME   465623.218 3784333.566 545.95
   LOCATION L0000760     VOLUME   465629.554 3784327.766 545.77
   LOCATION L0000761     VOLUME   465635.891 3784321.965 545.60
   LOCATION L0000762     VOLUME   465642.228 3784316.165 545.45
   LOCATION L0000763     VOLUME   465648.565 3784310.364 545.28
   LOCATION L0000764     VOLUME   465654.902 3784304.564 545.11
   LOCATION L0000765     VOLUME   465661.239 3784298.763 544.93
   LOCATION L0000766     VOLUME   465667.576 3784292.963 544.74
   LOCATION L0000767     VOLUME   465673.913 3784287.163 544.54
   LOCATION L0000768     VOLUME   465678.828 3784280.393 544.46
   LOCATION L0000769     VOLUME   465680.403 3784272.198 544.47
   LOCATION L0000770     VOLUME   465677.805 3784264.101 544.48
   LOCATION L0000771     VOLUME   465674.259 3784256.276 544.41
   LOCATION L0000772     VOLUME   465669.441 3784249.298 544.28
   LOCATION L0000773     VOLUME   465663.591 3784243.007 544.22
   LOCATION L0000774     VOLUME   465657.741 3784236.716 544.21
   LOCATION L0000775     VOLUME   465651.891 3784230.425 544.16
   LOCATION L0000776     VOLUME   465646.041 3784224.134 544.08
   LOCATION L0000777     VOLUME   465640.191 3784217.843 543.98
   LOCATION L0000778     VOLUME   465634.340 3784211.552 543.91
   LOCATION L0000779     VOLUME   465628.490 3784205.260 543.86
   LOCATION L0000780     VOLUME   465622.640 3784198.969 543.83
   LOCATION L0000781     VOLUME   465616.790 3784192.678 543.82
   LOCATION L0000782     VOLUME   465610.940 3784186.387 543.87
   LOCATION L0000783     VOLUME   465605.090 3784180.096 543.91
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Along Kendall Drive to West Driveway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 6.36E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 465052.629, 3784671.487, 559.83, 3.50, 4.00
** 465406.776, 3784345.055, 549.45, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000784     VOLUME   465055.788 3784668.576 559.98
   LOCATION L0000785     VOLUME   465062.104 3784662.753 559.78
   LOCATION L0000786     VOLUME   465068.421 3784656.931 559.59
   LOCATION L0000787     VOLUME   465074.738 3784651.108 559.43
   LOCATION L0000788     VOLUME   465081.055 3784645.286 559.23
   LOCATION L0000789     VOLUME   465087.371 3784639.464 559.05
   LOCATION L0000790     VOLUME   465093.688 3784633.641 558.88
   LOCATION L0000791     VOLUME   465100.005 3784627.819 558.71
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   LOCATION L0000792     VOLUME   465106.322 3784621.996 558.57
   LOCATION L0000793     VOLUME   465112.638 3784616.174 558.40
   LOCATION L0000794     VOLUME   465118.955 3784610.352 558.23
   LOCATION L0000795     VOLUME   465125.272 3784604.529 558.07
   LOCATION L0000796     VOLUME   465131.588 3784598.707 557.91
   LOCATION L0000797     VOLUME   465137.905 3784592.884 557.73
   LOCATION L0000798     VOLUME   465144.222 3784587.062 557.56
   LOCATION L0000799     VOLUME   465150.539 3784581.239 557.39
   LOCATION L0000800     VOLUME   465156.855 3784575.417 557.24
   LOCATION L0000801     VOLUME   465163.172 3784569.595 557.10
   LOCATION L0000802     VOLUME   465169.489 3784563.772 556.96
   LOCATION L0000803     VOLUME   465175.806 3784557.950 556.79
   LOCATION L0000804     VOLUME   465182.122 3784552.127 556.61
   LOCATION L0000805     VOLUME   465188.439 3784546.305 556.41
   LOCATION L0000806     VOLUME   465194.756 3784540.483 556.23
   LOCATION L0000807     VOLUME   465201.073 3784534.660 556.06
   LOCATION L0000808     VOLUME   465207.389 3784528.838 555.87
   LOCATION L0000809     VOLUME   465213.706 3784523.015 555.69
   LOCATION L0000810     VOLUME   465220.023 3784517.193 555.51
   LOCATION L0000811     VOLUME   465226.340 3784511.370 555.34
   LOCATION L0000812     VOLUME   465232.656 3784505.548 555.18
   LOCATION L0000813     VOLUME   465238.973 3784499.726 555.00
   LOCATION L0000814     VOLUME   465245.290 3784493.903 554.82
   LOCATION L0000815     VOLUME   465251.607 3784488.081 554.64
   LOCATION L0000816     VOLUME   465257.923 3784482.258 554.46
   LOCATION L0000817     VOLUME   465264.240 3784476.436 554.29
   LOCATION L0000818     VOLUME   465270.557 3784470.613 554.13
   LOCATION L0000819     VOLUME   465276.874 3784464.791 553.94
   LOCATION L0000820     VOLUME   465283.190 3784458.969 553.72
   LOCATION L0000821     VOLUME   465289.507 3784453.146 553.50
   LOCATION L0000822     VOLUME   465295.824 3784447.324 553.29
   LOCATION L0000823     VOLUME   465302.141 3784441.501 553.11
   LOCATION L0000824     VOLUME   465308.457 3784435.679 552.93
   LOCATION L0000825     VOLUME   465314.774 3784429.857 552.73
   LOCATION L0000826     VOLUME   465321.091 3784424.034 552.54
   LOCATION L0000827     VOLUME   465327.408 3784418.212 552.36
   LOCATION L0000828     VOLUME   465333.724 3784412.389 552.18
   LOCATION L0000829     VOLUME   465340.041 3784406.567 551.98
   LOCATION L0000830     VOLUME   465346.358 3784400.744 551.76
   LOCATION L0000831     VOLUME   465352.675 3784394.922 551.53
   LOCATION L0000832     VOLUME   465358.991 3784389.100 551.29
   LOCATION L0000833     VOLUME   465365.308 3784383.277 551.03
   LOCATION L0000834     VOLUME   465371.625 3784377.455 550.80
   LOCATION L0000835     VOLUME   465377.942 3784371.632 550.58
   LOCATION L0000836     VOLUME   465384.258 3784365.810 550.33
   LOCATION L0000837     VOLUME   465390.575 3784359.988 550.09
   LOCATION L0000838     VOLUME   465396.892 3784354.165 549.87
   LOCATION L0000839     VOLUME   465403.209 3784348.343 549.65
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = SLINE3
** DESCRSRC From Driveways To Kendall Drive WB
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.01E-06
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 5
** 465409.757, 3784341.226, 549.42, 3.50, 4.00
** 465562.130, 3784198.944, 544.80, 3.50, 4.00
** 465590.246, 3784172.211, 544.02, 3.50, 4.00
** 465624.354, 3784149.626, 543.20, 3.50, 4.00
** 466037.147, 3783908.299, 534.30, 3.50, 4.00
** ------------------------------------------------------------------
   LOCATION L0000840     VOLUME   465412.896 3784338.294 549.32
   LOCATION L0000841     VOLUME   465419.175 3784332.431 549.11
   LOCATION L0000842     VOLUME   465425.454 3784326.568 548.88
   LOCATION L0000843     VOLUME   465431.733 3784320.705 548.64
   LOCATION L0000844     VOLUME   465438.012 3784314.841 548.43
   LOCATION L0000845     VOLUME   465444.291 3784308.978 548.29
   LOCATION L0000846     VOLUME   465450.570 3784303.115 548.12
   LOCATION L0000847     VOLUME   465456.849 3784297.252 547.90
   LOCATION L0000848     VOLUME   465463.128 3784291.389 547.65
   LOCATION L0000849     VOLUME   465469.407 3784285.526 547.50
   LOCATION L0000850     VOLUME   465475.686 3784279.663 547.38
   LOCATION L0000851     VOLUME   465481.965 3784273.800 547.21
   LOCATION L0000852     VOLUME   465488.244 3784267.936 546.99
   LOCATION L0000853     VOLUME   465494.523 3784262.073 546.82
   LOCATION L0000854     VOLUME   465500.802 3784256.210 546.67
   LOCATION L0000855     VOLUME   465507.081 3784250.347 546.54
   LOCATION L0000856     VOLUME   465513.360 3784244.484 546.35
   LOCATION L0000857     VOLUME   465519.639 3784238.621 546.15
   LOCATION L0000858     VOLUME   465525.918 3784232.758 545.94
   LOCATION L0000859     VOLUME   465532.197 3784226.895 545.72
   LOCATION L0000860     VOLUME   465538.476 3784221.031 545.54
   LOCATION L0000861     VOLUME   465544.755 3784215.168 545.38
   LOCATION L0000862     VOLUME   465551.034 3784209.305 545.21
   LOCATION L0000863     VOLUME   465557.313 3784203.442 545.04
   LOCATION L0000864     VOLUME   465563.580 3784197.566 544.85
   LOCATION L0000865     VOLUME   465569.805 3784191.646 544.69
   LOCATION L0000866     VOLUME   465576.031 3784185.727 544.52
   LOCATION L0000867     VOLUME   465582.257 3784179.807 544.35
   LOCATION L0000868     VOLUME   465588.483 3784173.887 544.17
   LOCATION L0000869     VOLUME   465595.380 3784168.811 543.98
   LOCATION L0000870     VOLUME   465602.543 3784164.068 543.79
   LOCATION L0000871     VOLUME   465609.706 3784159.325 543.62
   LOCATION L0000872     VOLUME   465616.869 3784154.582 543.44
   LOCATION L0000873     VOLUME   465624.031 3784149.839 543.29
   LOCATION L0000874     VOLUME   465631.436 3784145.485 543.13
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LOCATION L0000875     VOLUME   465638.853 3784141.149 542.97
LOCATION L0000876     VOLUME   465646.269 3784136.814 542.82
LOCATION L0000877     VOLUME   465653.686 3784132.478 542.64
LOCATION L0000878     VOLUME   465661.102 3784128.142 542.44
LOCATION L0000879     VOLUME   465668.518 3784123.806 542.22
LOCATION L0000880     VOLUME   465675.935 3784119.471 541.95
LOCATION L0000881     VOLUME   465683.351 3784115.135 541.70
LOCATION L0000882     VOLUME   465690.768 3784110.799 541.46
LOCATION L0000883     VOLUME   465698.184 3784106.463 541.23
LOCATION L0000884     VOLUME   465705.600 3784102.128 541.02
LOCATION L0000885     VOLUME   465713.017 3784097.792 540.82
LOCATION L0000886     VOLUME   465720.433 3784093.456 540.62
LOCATION L0000887     VOLUME   465727.850 3784089.120 540.42
LOCATION L0000888     VOLUME   465735.266 3784084.785 540.22
LOCATION L0000889     VOLUME   465742.682 3784080.449 540.01
LOCATION L0000890     VOLUME   465750.099 3784076.113 539.82
LOCATION L0000891     VOLUME   465757.515 3784071.777 539.62
LOCATION L0000892     VOLUME   465764.932 3784067.441 539.42
LOCATION L0000893     VOLUME   465772.348 3784063.106 539.23
LOCATION L0000894     VOLUME   465779.764 3784058.770 539.08
LOCATION L0000895     VOLUME   465787.181 3784054.434 538.91
LOCATION L0000896     VOLUME   465794.597 3784050.098 538.73
LOCATION L0000897     VOLUME   465802.014 3784045.763 538.57
LOCATION L0000898     VOLUME   465809.430 3784041.427 538.41
LOCATION L0000899     VOLUME   465816.846 3784037.091 538.26
LOCATION L0000900     VOLUME   465824.263 3784032.755 538.10
LOCATION L0000901     VOLUME   465831.679 3784028.420 537.94
LOCATION L0000902     VOLUME   465839.096 3784024.084 537.78
LOCATION L0000903     VOLUME   465846.512 3784019.748 537.62
LOCATION L0000904     VOLUME   465853.928 3784015.412 537.47
LOCATION L0000905     VOLUME   465861.345 3784011.077 537.31
LOCATION L0000906     VOLUME   465868.761 3784006.741 537.16
LOCATION L0000907     VOLUME   465876.178 3784002.405 537.01
LOCATION L0000908     VOLUME   465883.594 3783998.069 536.85
LOCATION L0000909     VOLUME   465891.010 3783993.734 536.69
LOCATION L0000910     VOLUME   465898.427 3783989.398 536.54
LOCATION L0000911     VOLUME   465905.843 3783985.062 536.38
LOCATION L0000912     VOLUME   465913.260 3783980.726 536.23
LOCATION L0000913     VOLUME   465920.676 3783976.390 536.07
LOCATION L0000914     VOLUME   465928.092 3783972.055 535.93
LOCATION L0000915     VOLUME   465935.509 3783967.719 535.81
LOCATION L0000916     VOLUME   465942.925 3783963.383 535.68
LOCATION L0000917     VOLUME   465950.342 3783959.047 535.56
LOCATION L0000918     VOLUME   465957.758 3783954.712 535.44
LOCATION L0000919     VOLUME   465965.174 3783950.376 535.31
LOCATION L0000920     VOLUME   465972.591 3783946.040 535.18
LOCATION L0000921     VOLUME   465980.007 3783941.704 535.07
LOCATION L0000922     VOLUME   465987.424 3783937.369 534.96
LOCATION L0000923     VOLUME   465994.840 3783933.033 534.83
LOCATION L0000924     VOLUME   466002.256 3783928.697 534.70
LOCATION L0000925     VOLUME   466009.673 3783924.361 534.58
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   LOCATION L0000926     VOLUME   466017.089 3783920.026 534.45
   LOCATION L0000927     VOLUME   466024.506 3783915.690 534.32
   LOCATION L0000928     VOLUME   466031.922 3783911.354 534.18
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
   SRCPARAM STCK1         3.22E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK2         3.22E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK3         3.22E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK4         3.22E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK5         3.22E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK6         3.22E-06     3.500   366.000    51.816       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000726     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000727     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000728     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000729     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000730     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000731     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000732     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000733     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000734     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000735     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000736     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000737     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000738     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000739     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000740     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000741     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000742     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000743     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000744     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000745     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000746     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000747     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000748     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000749     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000750     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000751     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000752     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000753     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000754     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000755     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000756     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000757     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000758     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000759     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000760     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000761     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000762     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000763     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000764     0.0000000431      3.50      4.00     10.63
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   SRCPARAM L0000765     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000766     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000767     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000768     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000769     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000770     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000771     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000772     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000773     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000774     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000775     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000776     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000777     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000778     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000779     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000780     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000781     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000782     0.0000000431      3.50      4.00     10.63
   SRCPARAM L0000783     0.0000000431      3.50      4.00     10.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000784     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000785     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000786     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000787     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000788     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000789     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000790     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000791     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000792     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000793     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000794     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000795     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000796     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000797     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000798     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000799     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000800     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000801     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000802     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000803     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000804     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000805     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000806     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000807     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000808     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000809     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000810     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000811     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000812     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000813     0.00000001136      3.50      4.00      1.63
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   SRCPARAM L0000814     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000815     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000816     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000817     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000818     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000819     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000820     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000821     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000822     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000823     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000824     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000825     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000826     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000827     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000828     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000829     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000830     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000831     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000832     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000833     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000834     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000835     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000836     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000837     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000838     0.00000001136      3.50      4.00      1.63
   SRCPARAM L0000839     0.00000001136      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000840     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000841     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000842     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000843     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000844     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000845     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000846     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000847     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000848     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000849     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000850     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000851     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000852     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000853     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000854     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000855     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000856     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000857     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000858     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000859     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000860     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000861     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000862     0.00000001135      3.50      4.00      1.63
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SRCPARAM L0000863     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000864     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000865     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000866     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000867     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000868     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000869     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000870     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000871     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000872     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000873     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000874     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000875     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000876     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000877     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000878     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000879     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000880     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000881     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000882     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000883     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000884     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000885     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000886     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000887     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000888     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000889     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000890     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000891     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000892     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000893     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000894     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000895     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000896     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000897     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000898     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000899     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000900     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000901     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000902     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000903     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000904     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000905     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000906     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000907     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000908     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000909     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000910     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000911     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000912     0.00000001135      3.50      4.00      1.63
SRCPARAM L0000913     0.00000001135      3.50      4.00      1.63
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   SRCPARAM L0000914     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000915     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000916     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000917     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000918     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000919     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000920     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000921     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000922     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000923     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000924     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000925     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000926     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000927     0.00000001135      3.50      4.00      1.63
   SRCPARAM L0000928     0.00000001135      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00

   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
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BUILDHGT STCK5	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93

```
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00

BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94

XBADJ    STCK1          0.00     0.00     0.00     0.00     5.97     8.85
XBADJ    STCK1         11.45    13.71    15.55    16.92    17.77    18.09
XBADJ    STCK1         17.85     4.38   -14.76     0.00     0.00     0.00
XBADJ    STCK1          0.00     0.00     0.00     0.00  -136.96  -174.20
XBADJ    STCK1       -206.15  -231.84  -250.48  -261.51  -264.60  -259.64
XBADJ    STCK1       -246.80  -238.09  -228.35     0.00     0.00     0.00

XBADJ    STCK2       -165.00  -146.29  -123.15   -96.25   -95.75  -101.85
XBADJ    STCK2       -104.85  -104.67  -101.31   -94.87   -85.55   -73.63
```

XBADJ	STCK2	-59.47	-56.20	-56.75	-55.58	-52.71	-48.25
XBADJ	STCK2	-42.32	-35.10	-26.82	-17.72	-35.24	-63.51
XBADJ	STCK2	-89.85	-113.46	-133.62	-149.72	-161.28	-167.93
XBADJ	STCK2	-169.48	-177.52	-186.36	-189.53	-186.95	-178.69
XBADJ	STCK3	-144.99	-132.19	-115.38	-95.06	-101.16	-113.70
XBADJ	STCK3	-122.79	-128.15	-129.61	-127.14	-120.80	-110.79
XBADJ	STCK3	-97.42	-93.78	-92.82	-89.04	-82.55	-73.56
XBADJ	STCK3	-62.33	-49.21	-34.59	-18.92	-29.83	-51.65
XBADJ	STCK3	-71.91	-89.98	-105.32	-117.46	-126.03	-130.76
XBADJ	STCK3	-131.53	-139.94	-150.29	-156.07	-157.11	-153.38
XBADJ	STCK4	-127.36	-119.77	-108.54	-94.02	-105.94	-124.17
XBADJ	STCK4	-138.62	-148.85	-154.57	-155.59	-151.88	-143.56
XBADJ	STCK4	-130.87	-126.91	-124.61	-118.53	-108.85	-95.86
XBADJ	STCK4	-79.96	-61.63	-41.42	-19.96	-25.04	-41.19
XBADJ	STCK4	-56.08	-69.27	-80.36	-89.00	-94.94	-98.00
XBADJ	STCK4	-98.08	-106.81	-118.49	-126.58	-130.82	-131.08
XBADJ	STCK5	-107.72	-105.73	-100.52	-92.27	-110.51	-134.92
XBADJ	STCK5	-155.22	-170.81	-181.21	-186.10	-185.34	-178.95
XBADJ	STCK5	-167.12	-162.91	-159.27	-150.80	-137.74	-120.50
XBADJ	STCK5	-99.60	-75.67	-49.44	-21.71	-20.47	-30.44
XBADJ	STCK5	-39.48	-47.32	-53.72	-58.49	-61.48	-62.61
XBADJ	STCK5	-61.83	-70.81	-83.83	-94.31	-101.92	-106.44
XBADJ	STCK6	9.02	7.01	4.79	2.43	0.00	0.00
XBADJ	STCK6	0.00	0.00	-173.55	-198.91	-218.22	-230.91
XBADJ	STCK6	-236.58	-247.75	-256.93	-258.30	-251.82	-237.69
XBADJ	STCK6	-216.34	-188.41	-154.76	-116.41	0.00	0.00
XBADJ	STCK6	0.00	0.00	-61.38	-45.68	-28.60	-10.65
XBADJ	STCK6	7.63	14.04	13.82	13.19	12.15	10.75
YBADJ	STCK1	0.00	0.00	0.00	0.00	-121.23	-106.79
YBADJ	STCK1	-89.11	-68.72	-46.24	-22.36	2.21	26.71
YBADJ	STCK1	50.39	71.47	91.52	0.00	0.00	0.00
YBADJ	STCK1	0.00	0.00	0.00	0.00	121.23	106.79
YBADJ	STCK1	89.11	68.72	46.24	22.36	-2.21	-26.71
YBADJ	STCK1	-50.39	-71.47	-91.52	0.00	0.00	0.00
YBADJ	STCK2	-27.43	-37.86	-47.15	-55.01	-60.66	-64.80
YBADJ	STCK2	-66.98	-67.12	-65.22	-61.34	-55.60	-48.16
YBADJ	STCK2	-39.27	-30.25	-19.17	-7.50	4.39	16.16
YBADJ	STCK2	27.43	37.86	47.15	55.01	60.66	64.80
YBADJ	STCK2	66.98	67.12	65.22	61.34	55.60	48.16
YBADJ	STCK2	39.27	30.25	19.17	7.50	-4.39	-16.16
YBADJ	STCK3	4.84	-2.61	-9.99	-17.06	-23.08	-28.73
YBADJ	STCK3	-33.52	-37.28	-39.91	-41.33	-41.49	-40.39
YBADJ	STCK3	-38.07	-35.66	-31.02	-25.44	-19.08	-12.14
YBADJ	STCK3	-4.84	2.61	9.99	17.06	23.08	28.73

```
   YBADJ    STCK3           33.52    37.28    39.91    41.33    41.49    40.39
   YBADJ    STCK3           38.07    35.66    31.02    25.44    19.08    12.14

   YBADJ    STCK4           33.29    28.47    22.78    16.40    10.05     3.06
   YBADJ    STCK4           -4.02   -10.98   -17.61   -23.70   -29.07   -33.56
   YBADJ    STCK4          -37.03   -40.45   -41.49   -41.27   -39.79   -37.10
   YBADJ    STCK4          -33.29   -28.47   -22.78   -16.40   -10.05    -3.06
   YBADJ    STCK4            4.02    10.98    17.61    23.70    29.07    33.56
   YBADJ    STCK4           37.03    40.45    41.49    41.27    39.79    37.11

   YBADJ    STCK5           63.81    61.93    58.17    52.64    46.05    37.72
   YBADJ    STCK5           28.24    17.91     7.03    -4.06   -15.03   -25.54
   YBADJ    STCK5          -35.28   -45.02   -52.24   -57.87   -61.75   -63.75
   YBADJ    STCK5          -63.81   -61.93   -58.17   -52.64   -46.05   -37.72
   YBADJ    STCK5          -28.24   -17.91    -7.03     4.06    15.03    25.54
   YBADJ    STCK5           35.28    45.02    52.24    57.87    61.75    63.75

   YBADJ    STCK6           76.61    94.81   110.13   122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00   124.22   112.68    97.71    79.78
   YBADJ    STCK6           59.42    36.18    12.99   -10.59   -33.85   -56.09
   YBADJ    STCK6          -76.61   -94.81  -110.13  -122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00  -124.22  -112.68   -97.71   -79.78
   YBADJ    STCK6          -59.42   -36.18   -12.99    10.59    33.85    56.09

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19529 Kendall Drive Industrial 1st 14YR.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.SFC"
   PROFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL"
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
```

```
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19529 KENDALL DRIVE INDUSTRIAL 1ST 14YR.AD\PE00GALL.PLT" 31
   SUMMFILE "19529 Kendall Drive Industrial 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            8 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used         0.50
 ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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


 *** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
 *** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2027-2040                               ***        19:34:51
                                                                                                                 PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   209 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:    209 Source(s);       1 Source Group(s); and     451 Receptor(s)

               with:      6 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    203 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) =   367.00 ;  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 =      3.9 MB of RAM.
```

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

**Detailed Error/Message File: 19529 Kendall Drive Industrial 1st 14YR.err
**File for Summary of Results: 19529 Kendall Drive Industrial 1st 14YR.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.32200E-05	465418.9	3784353.0	549.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK2	0	0.32200E-05	465535.7	3784372.0	548.0	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK3	0	0.32200E-05	465564.0	3784346.7	547.1	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK4	0	0.32200E-05	465589.0	3784324.4	546.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK5	0	0.32200E-05	465615.6	3784299.7	545.5	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK6	0	0.32200E-05	465608.0	3784182.5	543.9	3.50	366.00	51.82	0.10	YES	YES	NO	

*** 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
L0000726	0	0.43100E-07	465419.1	3784353.9	549.3	3.50	4.00	10.63	YES	
L0000727	0	0.43100E-07	465425.0	3784360.2	549.3	3.50	4.00	10.63	YES	
L0000728	0	0.43100E-07	465430.9	3784366.4	549.3	3.50	4.00	10.63	YES	
L0000729	0	0.43100E-07	465436.8	3784372.7	549.3	3.50	4.00	10.63	YES	
L0000730	0	0.43100E-07	465442.7	3784378.9	549.3	3.50	4.00	10.63	YES	
L0000731	0	0.43100E-07	465448.6	3784385.2	549.3	3.50	4.00	10.63	YES	
L0000732	0	0.43100E-07	465454.5	3784391.4	549.4	3.50	4.00	10.63	YES	
L0000733	0	0.43100E-07	465460.4	3784397.7	549.4	3.50	4.00	10.63	YES	
L0000734	0	0.43100E-07	465466.3	3784403.9	549.4	3.50	4.00	10.63	YES	
L0000735	0	0.43100E-07	465472.2	3784410.2	549.4	3.50	4.00	10.63	YES	
L0000736	0	0.43100E-07	465478.1	3784416.4	549.4	3.50	4.00	10.63	YES	

L0000737	0	0.43100E-07	465484.0	3784422.6	549.4	3.50	4.00	10.63	YES	
L0000738	0	0.43100E-07	465489.9	3784428.9	549.4	3.50	4.00	10.63	YES	
L0000739	0	0.43100E-07	465495.7	3784435.1	549.5	3.50	4.00	10.63	YES	
L0000740	0	0.43100E-07	465502.0	3784440.9	549.5	3.50	4.00	10.63	YES	
L0000741	0	0.43100E-07	465509.2	3784438.0	549.3	3.50	4.00	10.63	YES	
L0000742	0	0.43100E-07	465515.5	3784432.2	549.1	3.50	4.00	10.63	YES	
L0000743	0	0.43100E-07	465521.8	3784426.4	549.0	3.50	4.00	10.63	YES	
L0000744	0	0.43100E-07	465528.2	3784420.6	548.8	3.50	4.00	10.63	YES	
L0000745	0	0.43100E-07	465534.5	3784414.8	548.6	3.50	4.00	10.63	YES	
L0000746	0	0.43100E-07	465540.8	3784409.0	548.5	3.50	4.00	10.63	YES	
L0000747	0	0.43100E-07	465547.2	3784403.2	548.3	3.50	4.00	10.63	YES	
L0000748	0	0.43100E-07	465553.5	3784397.4	548.1	3.50	4.00	10.63	YES	
L0000749	0	0.43100E-07	465559.8	3784391.6	548.0	3.50	4.00	10.63	YES	
L0000750	0	0.43100E-07	465566.2	3784385.8	547.8	3.50	4.00	10.63	YES	
L0000751	0	0.43100E-07	465572.5	3784380.0	547.6	3.50	4.00	10.63	YES	
L0000752	0	0.43100E-07	465578.9	3784374.2	547.4	3.50	4.00	10.63	YES	
L0000753	0	0.43100E-07	465585.2	3784368.4	547.2	3.50	4.00	10.63	YES	
L0000754	0	0.43100E-07	465591.5	3784362.6	547.0	3.50	4.00	10.63	YES	
L0000755	0	0.43100E-07	465597.9	3784356.8	546.8	3.50	4.00	10.63	YES	
L0000756	0	0.43100E-07	465604.2	3784351.0	546.6	3.50	4.00	10.63	YES	
L0000757	0	0.43100E-07	465610.5	3784345.2	546.4	3.50	4.00	10.63	YES	
L0000758	0	0.43100E-07	465616.9	3784339.4	546.1	3.50	4.00	10.63	YES	
L0000759	0	0.43100E-07	465623.2	3784333.6	545.9	3.50	4.00	10.63	YES	
L0000760	0	0.43100E-07	465629.6	3784327.8	545.8	3.50	4.00	10.63	YES	
L0000761	0	0.43100E-07	465635.9	3784322.0	545.6	3.50	4.00	10.63	YES	
L0000762	0	0.43100E-07	465642.2	3784316.2	545.4	3.50	4.00	10.63	YES	
L0000763	0	0.43100E-07	465648.6	3784310.4	545.3	3.50	4.00	10.63	YES	
L0000764	0	0.43100E-07	465654.9	3784304.6	545.1	3.50	4.00	10.63	YES	
L0000765	0	0.43100E-07	465661.2	3784298.8	544.9	3.50	4.00	10.63	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
L0000766	0	0.43100E-07	465667.6	3784293.0	544.7	3.50	4.00	10.63	YES	
L0000767	0	0.43100E-07	465673.9	3784287.2	544.5	3.50	4.00	10.63	YES	
L0000768	0	0.43100E-07	465678.8	3784280.4	544.5	3.50	4.00	10.63	YES	
L0000769	0	0.43100E-07	465680.4	3784272.2	544.5	3.50	4.00	10.63	YES	
L0000770	0	0.43100E-07	465677.8	3784264.1	544.5	3.50	4.00	10.63	YES	
L0000771	0	0.43100E-07	465674.3	3784256.3	544.4	3.50	4.00	10.63	YES	
L0000772	0	0.43100E-07	465669.4	3784249.3	544.3	3.50	4.00	10.63	YES	
L0000773	0	0.43100E-07	465663.6	3784243.0	544.2	3.50	4.00	10.63	YES	

L0000774	0	0.43100E-07	465657.7	3784236.7	544.2	3.50	4.00	10.63	YES
L0000775	0	0.43100E-07	465651.9	3784230.4	544.2	3.50	4.00	10.63	YES
L0000776	0	0.43100E-07	465646.0	3784224.1	544.1	3.50	4.00	10.63	YES
L0000777	0	0.43100E-07	465640.2	3784217.8	544.0	3.50	4.00	10.63	YES
L0000778	0	0.43100E-07	465634.3	3784211.6	543.9	3.50	4.00	10.63	YES
L0000779	0	0.43100E-07	465628.5	3784205.3	543.9	3.50	4.00	10.63	YES
L0000780	0	0.43100E-07	465622.6	3784199.0	543.8	3.50	4.00	10.63	YES
L0000781	0	0.43100E-07	465616.8	3784192.7	543.8	3.50	4.00	10.63	YES
L0000782	0	0.43100E-07	465610.9	3784186.4	543.9	3.50	4.00	10.63	YES
L0000783	0	0.43100E-07	465605.1	3784180.1	543.9	3.50	4.00	10.63	YES
L0000784	0	0.11360E-07	465055.8	3784668.6	560.0	3.50	4.00	1.63	YES
L0000785	0	0.11360E-07	465062.1	3784662.8	559.8	3.50	4.00	1.63	YES
L0000786	0	0.11360E-07	465068.4	3784656.9	559.6	3.50	4.00	1.63	YES
L0000787	0	0.11360E-07	465074.7	3784651.1	559.4	3.50	4.00	1.63	YES
L0000788	0	0.11360E-07	465081.1	3784645.3	559.2	3.50	4.00	1.63	YES
L0000789	0	0.11360E-07	465087.4	3784639.5	559.0	3.50	4.00	1.63	YES
L0000790	0	0.11360E-07	465093.7	3784633.6	558.9	3.50	4.00	1.63	YES
L0000791	0	0.11360E-07	465100.0	3784627.8	558.7	3.50	4.00	1.63	YES
L0000792	0	0.11360E-07	465106.3	3784622.0	558.6	3.50	4.00	1.63	YES
L0000793	0	0.11360E-07	465112.6	3784616.2	558.4	3.50	4.00	1.63	YES
L0000794	0	0.11360E-07	465119.0	3784610.4	558.2	3.50	4.00	1.63	YES
L0000795	0	0.11360E-07	465125.3	3784604.5	558.1	3.50	4.00	1.63	YES
L0000796	0	0.11360E-07	465131.6	3784598.7	557.9	3.50	4.00	1.63	YES
L0000797	0	0.11360E-07	465137.9	3784592.9	557.7	3.50	4.00	1.63	YES
L0000798	0	0.11360E-07	465144.2	3784587.1	557.6	3.50	4.00	1.63	YES
L0000799	0	0.11360E-07	465150.5	3784581.2	557.4	3.50	4.00	1.63	YES
L0000800	0	0.11360E-07	465156.9	3784575.4	557.2	3.50	4.00	1.63	YES
L0000801	0	0.11360E-07	465163.2	3784569.6	557.1	3.50	4.00	1.63	YES
L0000802	0	0.11360E-07	465169.5	3784563.8	557.0	3.50	4.00	1.63	YES
L0000803	0	0.11360E-07	465175.8	3784557.9	556.8	3.50	4.00	1.63	YES
L0000804	0	0.11360E-07	465182.1	3784552.1	556.6	3.50	4.00	1.63	YES
L0000805	0	0.11360E-07	465188.4	3784546.3	556.4	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
L0000806	0	0.11360E-07	465194.8	3784540.5	556.2	3.50	4.00	1.63	YES	
L0000807	0	0.11360E-07	465201.1	3784534.7	556.1	3.50	4.00	1.63	YES	
L0000808	0	0.11360E-07	465207.4	3784528.8	555.9	3.50	4.00	1.63	YES	
L0000809	0	0.11360E-07	465213.7	3784523.0	555.7	3.50	4.00	1.63	YES	
L0000810	0	0.11360E-07	465220.0	3784517.2	555.5	3.50	4.00	1.63	YES	

L0000811	0	0.11360E-07	465226.3	3784511.4	555.3	3.50	4.00	1.63	YES
L0000812	0	0.11360E-07	465232.7	3784505.5	555.2	3.50	4.00	1.63	YES
L0000813	0	0.11360E-07	465239.0	3784499.7	555.0	3.50	4.00	1.63	YES
L0000814	0	0.11360E-07	465245.3	3784493.9	554.8	3.50	4.00	1.63	YES
L0000815	0	0.11360E-07	465251.6	3784488.1	554.6	3.50	4.00	1.63	YES
L0000816	0	0.11360E-07	465257.9	3784482.3	554.5	3.50	4.00	1.63	YES
L0000817	0	0.11360E-07	465264.2	3784476.4	554.3	3.50	4.00	1.63	YES
L0000818	0	0.11360E-07	465270.6	3784470.6	554.1	3.50	4.00	1.63	YES
L0000819	0	0.11360E-07	465276.9	3784464.8	553.9	3.50	4.00	1.63	YES
L0000820	0	0.11360E-07	465283.2	3784459.0	553.7	3.50	4.00	1.63	YES
L0000821	0	0.11360E-07	465289.5	3784453.1	553.5	3.50	4.00	1.63	YES
L0000822	0	0.11360E-07	465295.8	3784447.3	553.3	3.50	4.00	1.63	YES
L0000823	0	0.11360E-07	465302.1	3784441.5	553.1	3.50	4.00	1.63	YES
L0000824	0	0.11360E-07	465308.5	3784435.7	552.9	3.50	4.00	1.63	YES
L0000825	0	0.11360E-07	465314.8	3784429.9	552.7	3.50	4.00	1.63	YES
L0000826	0	0.11360E-07	465321.1	3784424.0	552.5	3.50	4.00	1.63	YES
L0000827	0	0.11360E-07	465327.4	3784418.2	552.4	3.50	4.00	1.63	YES
L0000828	0	0.11360E-07	465333.7	3784412.4	552.2	3.50	4.00	1.63	YES
L0000829	0	0.11360E-07	465340.0	3784406.6	552.0	3.50	4.00	1.63	YES
L0000830	0	0.11360E-07	465346.4	3784400.7	551.8	3.50	4.00	1.63	YES
L0000831	0	0.11360E-07	465352.7	3784394.9	551.5	3.50	4.00	1.63	YES
L0000832	0	0.11360E-07	465359.0	3784389.1	551.3	3.50	4.00	1.63	YES
L0000833	0	0.11360E-07	465365.3	3784383.3	551.0	3.50	4.00	1.63	YES
L0000834	0	0.11360E-07	465371.6	3784377.5	550.8	3.50	4.00	1.63	YES
L0000835	0	0.11360E-07	465377.9	3784371.6	550.6	3.50	4.00	1.63	YES
L0000836	0	0.11360E-07	465384.3	3784365.8	550.3	3.50	4.00	1.63	YES
L0000837	0	0.11360E-07	465390.6	3784360.0	550.1	3.50	4.00	1.63	YES
L0000838	0	0.11360E-07	465396.9	3784354.2	549.9	3.50	4.00	1.63	YES
L0000839	0	0.11360E-07	465403.2	3784348.3	549.6	3.50	4.00	1.63	YES
L0000840	0	0.11350E-07	465412.9	3784338.3	549.3	3.50	4.00	1.63	YES
L0000841	0	0.11350E-07	465419.2	3784332.4	549.1	3.50	4.00	1.63	YES
L0000842	0	0.11350E-07	465425.5	3784326.6	548.9	3.50	4.00	1.63	YES
L0000843	0	0.11350E-07	465431.7	3784320.7	548.6	3.50	4.00	1.63	YES
L0000844	0	0.11350E-07	465438.0	3784314.8	548.4	3.50	4.00	1.63	YES
L0000845	0	0.11350E-07	465444.3	3784309.0	548.3	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
L0000846	0	0.11350E-07	465450.6	3784303.1	548.1	3.50	4.00	1.63	YES	
L0000847	0	0.11350E-07	465456.8	3784297.3	547.9	3.50	4.00	1.63	YES	

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L0000848         0   0.11350E-07  465463.1 3784291.4   547.6     3.50     4.00     1.63     YES
L0000849         0   0.11350E-07  465469.4 3784285.5   547.5     3.50     4.00     1.63     YES
L0000850         0   0.11350E-07  465475.7 3784279.7   547.4     3.50     4.00     1.63     YES
L0000851         0   0.11350E-07  465482.0 3784273.8   547.2     3.50     4.00     1.63     YES
L0000852         0   0.11350E-07  465488.2 3784267.9   547.0     3.50     4.00     1.63     YES
L0000853         0   0.11350E-07  465494.5 3784262.1   546.8     3.50     4.00     1.63     YES
L0000854         0   0.11350E-07  465500.8 3784256.2   546.7     3.50     4.00     1.63     YES
L0000855         0   0.11350E-07  465507.1 3784250.3   546.5     3.50     4.00     1.63     YES
L0000856         0   0.11350E-07  465513.4 3784244.5   546.3     3.50     4.00     1.63     YES
L0000857         0   0.11350E-07  465519.6 3784238.6   546.1     3.50     4.00     1.63     YES
L0000858         0   0.11350E-07  465525.9 3784232.8   545.9     3.50     4.00     1.63     YES
L0000859         0   0.11350E-07  465532.2 3784226.9   545.7     3.50     4.00     1.63     YES
L0000860         0   0.11350E-07  465538.5 3784221.0   545.5     3.50     4.00     1.63     YES
L0000861         0   0.11350E-07  465544.8 3784215.2   545.4     3.50     4.00     1.63     YES
L0000862         0   0.11350E-07  465551.0 3784209.3   545.2     3.50     4.00     1.63     YES
L0000863         0   0.11350E-07  465557.3 3784203.4   545.0     3.50     4.00     1.63     YES
L0000864         0   0.11350E-07  465563.6 3784197.6   544.8     3.50     4.00     1.63     YES
L0000865         0   0.11350E-07  465569.8 3784191.6   544.7     3.50     4.00     1.63     YES
L0000866         0   0.11350E-07  465576.0 3784185.7   544.5     3.50     4.00     1.63     YES
L0000867         0   0.11350E-07  465582.3 3784179.8   544.3     3.50     4.00     1.63     YES
L0000868         0   0.11350E-07  465588.5 3784173.9   544.2     3.50     4.00     1.63     YES
L0000869         0   0.11350E-07  465595.4 3784168.8   544.0     3.50     4.00     1.63     YES
L0000870         0   0.11350E-07  465602.5 3784164.1   543.8     3.50     4.00     1.63     YES
L0000871         0   0.11350E-07  465609.7 3784159.3   543.6     3.50     4.00     1.63     YES
L0000872         0   0.11350E-07  465616.9 3784154.6   543.4     3.50     4.00     1.63     YES
L0000873         0   0.11350E-07  465624.0 3784149.8   543.3     3.50     4.00     1.63     YES
L0000874         0   0.11350E-07  465631.4 3784145.5   543.1     3.50     4.00     1.63     YES
L0000875         0   0.11350E-07  465638.9 3784141.1   543.0     3.50     4.00     1.63     YES
L0000876         0   0.11350E-07  465646.3 3784136.8   542.8     3.50     4.00     1.63     YES
L0000877         0   0.11350E-07  465653.7 3784132.5   542.6     3.50     4.00     1.63     YES
L0000878         0   0.11350E-07  465661.1 3784128.1   542.4     3.50     4.00     1.63     YES
L0000879         0   0.11350E-07  465668.5 3784123.8   542.2     3.50     4.00     1.63     YES
L0000880         0   0.11350E-07  465675.9 3784119.5   541.9     3.50     4.00     1.63     YES
L0000881         0   0.11350E-07  465683.4 3784115.1   541.7     3.50     4.00     1.63     YES
L0000882         0   0.11350E-07  465690.8 3784110.8   541.5     3.50     4.00     1.63     YES
L0000883         0   0.11350E-07  465698.2 3784106.5   541.2     3.50     4.00     1.63     YES
L0000884         0   0.11350E-07  465705.6 3784102.1   541.0     3.50     4.00     1.63     YES
L0000885         0   0.11350E-07  465713.0 3784097.8   540.8     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2027-2040                               ***        19:34:51
                                                                                                                PAGE   7
*** 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0000886	0	0.11350E-07	465720.4	3784093.5	540.6	3.50	4.00	1.63	YES
L0000887	0	0.11350E-07	465727.8	3784089.1	540.4	3.50	4.00	1.63	YES
L0000888	0	0.11350E-07	465735.3	3784084.8	540.2	3.50	4.00	1.63	YES
L0000889	0	0.11350E-07	465742.7	3784080.4	540.0	3.50	4.00	1.63	YES
L0000890	0	0.11350E-07	465750.1	3784076.1	539.8	3.50	4.00	1.63	YES
L0000891	0	0.11350E-07	465757.5	3784071.8	539.6	3.50	4.00	1.63	YES
L0000892	0	0.11350E-07	465764.9	3784067.4	539.4	3.50	4.00	1.63	YES
L0000893	0	0.11350E-07	465772.3	3784063.1	539.2	3.50	4.00	1.63	YES
L0000894	0	0.11350E-07	465779.8	3784058.8	539.1	3.50	4.00	1.63	YES
L0000895	0	0.11350E-07	465787.2	3784054.4	538.9	3.50	4.00	1.63	YES
L0000896	0	0.11350E-07	465794.6	3784050.1	538.7	3.50	4.00	1.63	YES
L0000897	0	0.11350E-07	465802.0	3784045.8	538.6	3.50	4.00	1.63	YES
L0000898	0	0.11350E-07	465809.4	3784041.4	538.4	3.50	4.00	1.63	YES
L0000899	0	0.11350E-07	465816.8	3784037.1	538.3	3.50	4.00	1.63	YES
L0000900	0	0.11350E-07	465824.3	3784032.8	538.1	3.50	4.00	1.63	YES
L0000901	0	0.11350E-07	465831.7	3784028.4	537.9	3.50	4.00	1.63	YES
L0000902	0	0.11350E-07	465839.1	3784024.1	537.8	3.50	4.00	1.63	YES
L0000903	0	0.11350E-07	465846.5	3784019.7	537.6	3.50	4.00	1.63	YES
L0000904	0	0.11350E-07	465853.9	3784015.4	537.5	3.50	4.00	1.63	YES
L0000905	0	0.11350E-07	465861.3	3784011.1	537.3	3.50	4.00	1.63	YES
L0000906	0	0.11350E-07	465868.8	3784006.7	537.2	3.50	4.00	1.63	YES
L0000907	0	0.11350E-07	465876.2	3784002.4	537.0	3.50	4.00	1.63	YES
L0000908	0	0.11350E-07	465883.6	3783998.1	536.8	3.50	4.00	1.63	YES
L0000909	0	0.11350E-07	465891.0	3783993.7	536.7	3.50	4.00	1.63	YES
L0000910	0	0.11350E-07	465898.4	3783989.4	536.5	3.50	4.00	1.63	YES
L0000911	0	0.11350E-07	465905.8	3783985.1	536.4	3.50	4.00	1.63	YES
L0000912	0	0.11350E-07	465913.3	3783980.7	536.2	3.50	4.00	1.63	YES
L0000913	0	0.11350E-07	465920.7	3783976.4	536.1	3.50	4.00	1.63	YES
L0000914	0	0.11350E-07	465928.1	3783972.1	535.9	3.50	4.00	1.63	YES
L0000915	0	0.11350E-07	465935.5	3783967.7	535.8	3.50	4.00	1.63	YES
L0000916	0	0.11350E-07	465942.9	3783963.4	535.7	3.50	4.00	1.63	YES
L0000917	0	0.11350E-07	465950.3	3783959.0	535.6	3.50	4.00	1.63	YES
L0000918	0	0.11350E-07	465957.8	3783954.7	535.4	3.50	4.00	1.63	YES
L0000919	0	0.11350E-07	465965.2	3783950.4	535.3	3.50	4.00	1.63	YES
L0000920	0	0.11350E-07	465972.6	3783946.0	535.2	3.50	4.00	1.63	YES
L0000921	0	0.11350E-07	465980.0	3783941.7	535.1	3.50	4.00	1.63	YES
L0000922	0	0.11350E-07	465987.4	3783937.4	535.0	3.50	4.00	1.63	YES
L0000923	0	0.11350E-07	465994.8	3783933.0	534.8	3.50	4.00	1.63	YES
L0000924	0	0.11350E-07	466002.3	3783928.7	534.7	3.50	4.00	1.63	YES
L0000925	0	0.11350E-07	466009.7	3783924.4	534.6	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
L0000926	0	0.11350E-07	466017.1	3783920.0	534.4	3.50	4.00	1.63	YES	
L0000927	0	0.11350E-07	466024.5	3783915.7	534.3	3.50	4.00	1.63	YES	
L0000928	0	0.11350E-07	466031.9	3783911.4	534.2	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 , STCK6 , 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 , 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 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 , L0000918 , L0000919 ,

L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

L0000928 ,

*** 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 , STCK6 , 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 , 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 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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 , L0000918 , L0000919 ,

L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

L0000928 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	22.9,	233.7,	131.0,	6.0,	-121.2,	6	22.9,	243.1,	165.4,	8.9,	-106.8,
7	22.9,	245.1,	194.7,	11.5,	-89.1,	8	22.9,	239.7,	218.1,	13.7,	-68.7,
9	22.9,	226.9,	234.9,	15.6,	-46.2,	10	22.9,	207.3,	244.6,	16.9,	-22.4,
11	22.9,	181.4,	246.8,	17.8,	2.2,	12	22.9,	150.0,	241.6,	18.1,	26.7,
13	22.9,	114.0,	229.0,	17.9,	50.4,	14	22.9,	131.0,	233.7,	4.4,	71.5,
15	22.9,	165.4,	243.1,	-14.8,	91.5,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	22.9,	233.7,	131.0,	-137.0,	121.2,	24	22.9,	243.1,	165.4,	-174.2,	106.8,
25	22.9,	245.1,	194.7,	-206.2,	89.1,	26	22.9,	239.7,	218.1,	-231.8,	68.7,
27	22.9,	226.9,	234.9,	-250.5,	46.2,	28	22.9,	207.3,	244.6,	-261.5,	22.4,
29	22.9,	181.4,	246.8,	-264.6,	-2.2,	30	22.9,	150.0,	241.6,	-259.6,	-26.7,
31	22.9,	114.0,	229.0,	-246.8,	-50.4,	32	22.9,	131.0,	233.7,	-238.1,	-71.5,
33	22.9,	165.4,	243.1,	-228.4,	-91.5,	34	0.0,	0.0,	0.0,	0.0,	0.0,
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	22.9,	244.6,	207.3,	-165.0,	-27.4,	2	22.9,	246.8,	181.4,	-146.3,	-37.9,
3	22.9,	241.6,	150.0,	-123.1,	-47.1,	4	22.9,	229.0,	114.0,	-96.2,	-55.0,
5	22.9,	233.7,	131.0,	-95.8,	-60.7,	6	22.9,	243.1,	165.4,	-101.8,	-64.8,
7	22.9,	245.1,	194.7,	-104.8,	-67.0,	8	22.9,	239.7,	218.1,	-104.7,	-67.1,
9	22.9,	226.9,	234.9,	-101.3,	-65.2,	10	22.9,	207.3,	244.6,	-94.9,	-61.3,
11	22.9,	181.4,	246.8,	-85.5,	-55.6,	12	22.9,	150.0,	241.6,	-73.6,	-48.2,
13	22.9,	114.0,	229.0,	-59.5,	-39.3,	14	22.9,	131.0,	233.7,	-56.2,	-30.2,

```
  15   22.9,  165.4,  243.1,  -56.8,  -19.2,     16   22.9,  194.7,  245.1,  -55.6,   -7.5,
  17   22.9,  218.1,  239.7,  -52.7,    4.4,     18   22.9,  234.9,  226.9,  -48.2,   16.2,
  19   22.9,  244.6,  207.3,  -42.3,   27.4,     20   22.9,  246.8,  181.4,  -35.1,   37.9,
  21   22.9,  241.6,  150.0,  -26.8,   47.1,     22   22.9,  229.0,  114.0,  -17.7,   55.0,
  23   22.9,  233.7,  131.0,  -35.2,   60.7,     24   22.9,  243.1,  165.4,  -63.5,   64.8,
  25   22.9,  245.1,  194.7,  -89.8,   67.0,     26   22.9,  239.7,  218.1, -113.5,   67.1,
  27   22.9,  226.9,  234.9, -133.6,   65.2,     28   22.9,  207.3,  244.6, -149.7,   61.3,
  29   22.9,  181.4,  246.8, -161.3,   55.6,     30   22.9,  150.0,  241.6, -167.9,   48.2,
  31   22.9,  114.0,  229.0, -169.5,   39.3,     32   22.9,  131.0,  233.7, -177.5,   30.2,
  33   22.9,  165.4,  243.1, -186.4,   19.2,     34   22.9,  194.7,  245.1, -189.5,    7.5,
  35   22.9,  218.1,  239.7, -187.0,   -4.4,     36   22.9,  234.9,  226.9, -178.7,  -16.2,


SOURCE ID: STCK3
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ    YADJ
   1   22.9,  244.6,  207.3, -145.0,    4.8,      2   22.9,  246.8,  181.4, -132.2,   -2.6,
   3   22.9,  241.6,  150.0, -115.4,  -10.0,      4   22.9,  229.0,  114.0,  -95.1,  -17.1,
   5   22.9,  233.7,  131.0, -101.2,  -23.1,      6   22.9,  243.1,  165.4, -113.7,  -28.7,
   7   22.9,  245.1,  194.7, -122.8,  -33.5,      8   22.9,  239.7,  218.1, -128.2,  -37.3,
   9   22.9,  226.9,  234.9, -129.6,  -39.9,     10   22.9,  207.3,  244.6, -127.1,  -41.3,
  11   22.9,  181.4,  246.8, -120.8,  -41.5,     12   22.9,  150.0,  241.6, -110.8,  -40.4,
  13   22.9,  114.0,  229.0,  -97.4,  -38.1,     14   22.9,  131.0,  233.7,  -93.8,  -35.7,
  15   22.9,  165.4,  243.1,  -92.8,  -31.0,     16   22.9,  194.7,  245.1,  -89.0,  -25.4,
  17   22.9,  218.1,  239.7,  -82.5,  -19.1,     18   22.9,  234.9,  226.9,  -73.6,  -12.1,
  19   22.9,  244.6,  207.3,  -62.3,   -4.8,     20   22.9,  246.8,  181.4,  -49.2,    2.6,
  21   22.9,  241.6,  150.0,  -34.6,   10.0,     22   22.9,  229.0,  114.0,  -18.9,   17.1,
  23   22.9,  233.7,  131.0,  -29.8,   23.1,     24   22.9,  243.1,  165.4,  -51.6,   28.7,
  25   22.9,  245.1,  194.7,  -71.9,   33.5,     26   22.9,  239.7,  218.1,  -90.0,   37.3,
  27   22.9,  226.9,  234.9, -105.3,   39.9,     28   22.9,  207.3,  244.6, -117.5,   41.3,
  29   22.9,  181.4,  246.8, -126.0,   41.5,     30   22.9,  150.0,  241.6, -130.8,   40.4,
  31   22.9,  114.0,  229.0, -131.5,   38.1,     32   22.9,  131.0,  233.7, -139.9,   35.7,
  33   22.9,  165.4,  243.1, -150.3,   31.0,     34   22.9,  194.7,  245.1, -156.1,   25.4,
  35   22.9,  218.1,  239.7, -157.1,   19.1,     36   22.9,  234.9,  226.9, -153.4,   12.1,


SOURCE ID: STCK4
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ    YADJ
   1   22.9,  244.6,  207.3, -127.4,   33.3,      2   22.9,  246.8,  181.4, -119.8,   28.5,
   3   22.9,  241.6,  150.0, -108.5,   22.8,      4   22.9,  229.0,  114.0,  -94.0,   16.4,
   5   22.9,  233.7,  131.0, -105.9,   10.1,      6   22.9,  243.1,  165.4, -124.2,    3.1,
   7   22.9,  245.1,  194.7, -138.6,   -4.0,      8   22.9,  239.7,  218.1, -148.9,  -11.0,
   9   22.9,  226.9,  234.9, -154.6,  -17.6,     10   22.9,  207.3,  244.6, -155.6,  -23.7,
  11   22.9,  181.4,  246.8, -151.9,  -29.1,     12   22.9,  150.0,  241.6, -143.6,  -33.6,
  13   22.9,  114.0,  229.0, -130.9,  -37.0,     14   22.9,  131.0,  233.7, -126.9,  -40.4,
  15   22.9,  165.4,  243.1, -124.6,  -41.5,     16   22.9,  194.7,  245.1, -118.5,  -41.3,
  17   22.9,  218.1,  239.7, -108.8,  -39.8,     18   22.9,  234.9,  226.9,  -95.9,  -37.1,
  19   22.9,  244.6,  207.3,  -80.0,  -33.3,     20   22.9,  246.8,  181.4,  -61.6,  -28.5,
  21   22.9,  241.6,  150.0,  -41.4,  -22.8,     22   22.9,  229.0,  114.0,  -20.0,  -16.4,
  23   22.9,  233.7,  131.0,  -25.0,  -10.1,     24   22.9,  243.1,  165.4,  -41.2,   -3.1,
  25   22.9,  245.1,  194.7,  -56.1,    4.0,     26   22.9,  239.7,  218.1,  -69.3,   11.0,
  27   22.9,  226.9,  234.9,  -80.4,   17.6,     28   22.9,  207.3,  244.6,  -89.0,   23.7,
```

29	22.9,	181.4,	246.8,	-94.9,	29.1,	30	22.9,	150.0,	241.6,	-98.0,	33.6,
31	22.9,	114.0,	229.0,	-98.1,	37.0,	32	22.9,	131.0,	233.7,	-106.8,	40.4,
33	22.9,	165.4,	243.1,	-118.5,	41.5,	34	22.9,	194.7,	245.1,	-126.6,	41.3,
35	22.9,	218.1,	239.7,	-130.8,	39.8,	36	22.9,	234.9,	226.9,	-131.1,	37.1,

*** 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	22.9,	244.6,	207.3,	-107.7,	63.8,	2	22.9,	246.8,	181.4,	-105.7,	61.9,
3	22.9,	241.6,	150.0,	-100.5,	58.2,	4	22.9,	229.0,	114.0,	-92.3,	52.6,
5	22.9,	233.7,	131.0,	-110.5,	46.0,	6	22.9,	243.1,	165.4,	-134.9,	37.7,
7	22.9,	245.1,	194.7,	-155.2,	28.2,	8	22.9,	239.7,	218.1,	-170.8,	17.9,
9	22.9,	226.9,	234.9,	-181.2,	7.0,	10	22.9,	207.3,	244.6,	-186.1,	-4.1,
11	22.9,	181.4,	246.8,	-185.3,	-15.0,	12	22.9,	150.0,	241.6,	-179.0,	-25.5,
13	22.9,	114.0,	229.0,	-167.1,	-35.3,	14	22.9,	131.0,	233.7,	-162.9,	-45.0,
15	22.9,	165.4,	243.1,	-159.3,	-52.2,	16	22.9,	194.7,	245.1,	-150.8,	-57.9,
17	22.9,	218.1,	239.7,	-137.7,	-61.8,	18	22.9,	234.9,	226.9,	-120.5,	-63.8,
19	22.9,	244.6,	207.3,	-99.6,	-63.8,	20	22.9,	246.8,	181.4,	-75.7,	-61.9,
21	22.9,	241.6,	150.0,	-49.4,	-58.2,	22	22.9,	229.0,	114.0,	-21.7,	-52.6,
23	22.9,	233.7,	131.0,	-20.5,	-46.0,	24	22.9,	243.1,	165.4,	-30.4,	-37.7,
25	22.9,	245.1,	194.7,	-39.5,	-28.2,	26	22.9,	239.7,	218.1,	-47.3,	-17.9,
27	22.9,	226.9,	234.9,	-53.7,	-7.0,	28	22.9,	207.3,	244.6,	-58.5,	4.1,
29	22.9,	181.4,	246.8,	-61.5,	15.0,	30	22.9,	150.0,	241.6,	-62.6,	25.5,
31	22.9,	114.0,	229.0,	-61.8,	35.3,	32	22.9,	131.0,	233.7,	-70.8,	45.0,
33	22.9,	165.4,	243.1,	-83.8,	52.2,	34	22.9,	194.7,	245.1,	-94.3,	57.9,
35	22.9,	218.1,	239.7,	-101.9,	61.8,	36	22.9,	234.9,	226.9,	-106.4,	63.8,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	9.0,	76.6,	2	22.9,	246.8,	181.4,	7.0,	94.8,
3	22.9,	241.6,	150.0,	4.8,	110.1,	4	22.9,	229.0,	114.0,	2.4,	122.1,
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	0.0,	0.0,	0.0,	0.0,	0.0,
7	0.0,	0.0,	0.0,	0.0,	0.0,	8	0.0,	0.0,	0.0,	0.0,	0.0,
9	22.9,	226.9,	234.9,	-173.6,	124.2,	10	22.9,	207.3,	244.6,	-198.9,	112.7,
11	22.9,	181.4,	246.8,	-218.2,	97.7,	12	22.9,	150.0,	241.6,	-230.9,	79.8,
13	22.9,	114.0,	229.0,	-236.6,	59.4,	14	22.9,	131.0,	233.7,	-247.8,	36.2,
15	22.9,	165.4,	243.1,	-256.9,	13.0,	16	22.9,	194.7,	245.1,	-258.3,	-10.6,
17	22.9,	218.1,	239.7,	-251.8,	-33.8,	18	22.9,	234.9,	226.9,	-237.7,	-56.1,
19	22.9,	244.6,	207.3,	-216.3,	-76.6,	20	22.9,	246.8,	181.4,	-188.4,	-94.8,
21	22.9,	241.6,	150.0,	-154.8,	-110.1,	22	22.9,	229.0,	114.0,	-116.4,	-122.1,
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	0.0,	0.0,	0.0,	0.0,	0.0,
25	0.0,	0.0,	0.0,	0.0,	0.0,	26	0.0,	0.0,	0.0,	0.0,	0.0,

```
  27   22.9,  226.9,  234.9,  -61.4, -124.2,     28   22.9,  207.3,  244.6,  -45.7, -112.7,
  29   22.9,  181.4,  246.8,  -28.6,  -97.7,     30   22.9,  150.0,  241.6,  -10.7,  -79.8,
  31   22.9,  114.0,  229.0,    7.6,  -59.4,     32   22.9,  131.0,  233.7,   14.0,  -36.2,
  33   22.9,  165.4,  243.1,   13.8,  -13.0,     34   22.9,  194.7,  245.1,   13.2,   10.6,
  35   22.9,  218.1,  239.7,   12.2,   33.8,     36   22.9,  234.9,  226.9,   10.8,   56.1,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

465048.8, 465098.8, 465148.8, 465198.8, 465248.8, 465298.8, 465348.8, 465398.8, 465448.8, 465498.8,
465548.8, 465598.8, 465648.8, 465698.8, 465748.8, 465798.8, 465848.8, 465898.8, 465948.8, 465998.8,
466048.8,

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

3783804.9, 3783854.9, 3783904.9, 3783954.9, 3784004.9, 3784054.9, 3784104.9, 3784154.9, 3784204.9, 3784254.9,
3784304.9, 3784354.9, 3784404.9, 3784454.9, 3784504.9, 3784554.9, 3784604.9, 3784654.9, 3784704.9, 3784754.9,
3784804.9,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	561.70	560.80	560.80	559.70	558.10	557.00	556.20	555.50	554.90
3784754.94	561.30	560.80	559.90	559.20	558.30	556.60	555.60	554.80	554.20
3784704.94	560.70	560.10	559.10	558.20	557.60	556.80	555.30	554.30	553.60
3784654.94	559.90	559.20	558.40	557.40	556.60	556.10	555.30	553.80	553.00
3784604.94	559.80	558.60	557.60	556.80	555.90	555.10	554.50	553.80	552.60
3784554.94	558.50	558.20	557.30	556.30	555.30	554.30	553.40	552.90	552.30
3784504.94	557.50	556.80	556.60	555.90	554.80	553.80	552.80	551.90	551.30
3784454.94	556.30	556.00	555.20	555.00	554.50	553.30	552.30	551.20	550.40

3784404.94	555.30	554.70	554.20	553.90	553.50	552.80	551.80	550.50	549.70
3784354.94	554.50	553.70	553.30	552.80	551.90	550.70	551.30	549.80	548.80
3784304.94	551.80	552.80	552.30	551.80	551.10	549.20	549.10	549.50	548.20
3784254.94	550.00	550.50	551.40	551.00	550.40	549.70	547.30	547.30	548.20
3784204.94	549.80	549.60	549.90	550.20	549.50	548.90	547.80	546.70	547.10
3784154.94	549.60	549.40	549.20	549.20	549.00	548.20	547.30	546.50	546.50
3784104.94	549.40	549.20	549.00	548.80	548.80	548.20	546.60	546.00	545.40
3784054.94	549.30	549.10	548.90	548.80	548.70	546.60	544.60	544.80	544.40
3784004.94	549.10	548.90	548.80	548.80	546.90	542.10	541.90	542.10	543.20
3783954.94	548.60	548.80	548.70	547.80	542.40	540.90	541.00	541.20	541.40
3783904.94	546.90	548.10	548.00	543.40	540.90	540.70	540.60	540.60	540.70
3783854.94	545.20	546.30	544.00	540.90	540.70	540.60	540.40	540.20	540.20
3783804.94	545.60	543.90	541.20	540.80	540.60	540.40	540.20	540.00	539.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	554.10	552.60	551.50	551.30	551.00	552.60	553.90	553.90	554.40
3784754.94	553.40	552.20	550.60	550.30	550.40	551.80	552.00	552.30	552.60
3784704.94	552.80	551.90	550.70	549.30	549.50	550.40	550.30	550.70	550.60
3784654.94	552.10	551.20	550.50	549.10	548.20	548.70	548.80	549.00	549.00
3784604.94	551.70	550.60	549.50	548.80	547.80	547.00	547.40	547.30	547.30
3784554.94	551.10	550.20	549.00	548.00	547.60	546.50	546.10	545.80	545.90
3784504.94	550.80	549.60	548.70	547.70	547.00	546.60	545.50	544.00	544.60
3784454.94	549.80	549.20	548.20	547.30	546.30	545.60	545.20	544.60	542.90
3784404.94	548.90	548.30	547.60	546.60	545.60	544.80	545.50	544.00	542.80
3784354.94	548.20	547.50	546.70	546.00	544.90	545.50	544.20	543.00	542.20
3784304.94	547.40	546.70	545.80	545.20	544.50	546.00	542.70	541.90	541.70
3784254.94	546.70	545.90	545.10	544.60	545.00	543.20	542.10	541.40	541.30
3784204.94	546.70	545.20	544.30	543.80	544.90	542.30	541.70	540.90	540.30
3784154.94	545.80	545.00	543.80	543.00	542.20	541.30	540.90	540.40	539.60
3784104.94	544.40	543.90	543.60	542.30	541.20	540.30	539.80	539.20	539.00
3784054.94	543.50	542.40	542.40	541.70	540.60	539.60	538.80	538.20	537.70
3784004.94	542.90	541.90	541.20	540.90	539.90	538.90	538.00	537.30	536.80
3783954.94	541.90	541.50	540.60	539.80	539.60	538.20	537.20	536.50	535.80
3783904.94	540.90	540.90	540.00	539.20	538.70	538.20	536.70	535.50	535.00
3783854.94	540.00	539.50	538.90	538.50	537.60	537.10	536.60	535.00	534.20
3783804.94	539.20	538.60	537.90	537.40	536.70	535.90	535.50	534.80	534.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	554.60	554.70	555.90
3784754.94	553.00	553.20	556.70
3784704.94	551.30	551.80	553.30
3784654.94	549.70	550.30	549.70
3784604.94	547.90	548.00	548.30
3784554.94	546.10	545.20	545.20
3784504.94	544.80	544.80	544.70
3784454.94	542.50	542.50	543.70
3784404.94	542.10	540.90	540.60
3784354.94	541.60	540.50	539.80
3784304.94	541.20	539.40	538.90
3784254.94	540.20	538.70	538.40
3784204.94	539.00	538.20	538.00
3784154.94	538.30	537.80	537.60
3784104.94	538.20	537.40	537.10
3784054.94	537.60	536.90	536.50
3784004.94	536.30	536.30	535.60
3783954.94	535.50	535.20	535.00
3783904.94	535.00	534.30	533.90
3783854.94	534.60	533.40	532.90
3783804.94	533.60	532.50	531.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784754.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784704.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784654.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784604.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

3784554.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784504.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784454.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784404.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784354.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784304.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784254.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784204.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784154.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784104.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784054.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784004.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783954.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783904.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783854.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30
3784754.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784704.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784654.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784604.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784554.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784504.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784454.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784404.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784354.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784304.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784254.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784204.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784154.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784104.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784054.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784004.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783954.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783904.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	465948.85	465998.85	466048.85
3784804.94	2697.30	2697.30	2697.30
3784754.94	2697.30	2697.30	2697.30
3784704.94	2697.30	2697.30	2697.30
3784654.94	2697.30	2697.30	2697.30
3784604.94	2697.30	2697.30	2697.30
3784554.94	2697.30	2697.30	2697.30
3784504.94	2697.30	2697.30	2697.30
3784454.94	2697.30	2697.30	2697.30
3784404.94	2697.30	2697.30	2697.30
3784354.94	2697.30	2697.30	2697.30
3784304.94	2697.30	2697.30	2697.30
3784254.94	2697.30	2697.30	2697.30
3784204.94	2697.30	2697.30	2697.30
3784154.94	2697.30	2697.30	2697.30
3784104.94	2697.30	2697.30	2697.30
3784054.94	2697.30	2697.30	2697.30
3784004.94	2697.30	2697.30	2697.30
3783954.94	2697.30	2697.30	2697.30
3783904.94	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(465880.4,	3784256.8,	541.3,	2697.3,	0.0);	(466015.0,	3784107.2,	537.3,	2697.3,	0.0);
(465704.1,	3784142.8,	541.7,	2697.3,	0.0);	(465678.4,	3784091.3,	541.4,	2697.3,	0.0);
(465693.7,	3784082.8,	541.0,	2697.3,	0.0);	(465868.8,	3784044.5,	537.8,	2697.3,	0.0);
(465947.5,	3783995.4,	536.1,	2697.3,	0.0);	(465977.3,	3783975.9,	535.7,	2697.3,	0.0);
(465263.0,	3784529.3,	554.8,	2731.4,	0.0);	(465227.0,	3784549.9,	555.7,	2731.4,	0.0);

*** 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)
L0000746	465548.8	3784404.9	0.37
L0000747	465548.8	3784404.9	-6.16
L0000748	465548.8	3784404.9	0.29
L0000755	465598.8	3784354.9	-6.53
L0000756	465598.8	3784354.9	-1.93
L0000763	465648.8	3784304.9	-3.17
L0000764	465648.8	3784304.9	-2.54
L0000821	465298.8	3784454.9	0.91
L0000822	465298.8	3784454.9	-0.40
L0000829	465348.8	3784404.9	0.36
L0000830	465348.8	3784404.9	-3.72
L0000838	465398.8	3784354.9	-6.49
L0000839	465398.8	3784354.9	-0.69
L0000845	465448.8	3784304.9	-2.51
L0000846	465448.8	3784304.9	-6.09
L0000853	465498.8	3784254.9	-0.26
L0000854	465498.8	3784254.9	-6.27
L0000855	465498.8	3784254.9	0.83
L0000862	465548.8	3784204.9	-3.72
L0000863	465548.8	3784204.9	-0.01
L0000883	465698.8	3784104.9	-6.94
L0000884	465698.8	3784104.9	-1.29
L0000896	465798.8	3784054.9	-2.16
L0000917	465948.8	3783954.9	-4.23
L0000918	465948.8	3783954.9	0.31

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

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

1.54,   3.09,   5.14,   8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\FONT_V9_ADJU\FONT_v9.SFC   Met Version: 16216
Profile file: E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.:   3102   Upper air station no.:   3190
Name: UNKNOWN   Name: UNKNOWN
Year: 2011   Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5

```
11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20   77.    9.1  278.8    5.5
11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   53.    9.1  277.5    5.5
11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   58.    9.1  277.5    5.5
11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   64.    9.1  277.5    5.5
11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90   52.    9.1  277.0    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

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

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2027-2040                               ***        19:34:51
                                                                                                                PAGE  26
*** 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       ,
               STCK6       , L0000726    , L0000727    , L0000728    , L0000729    , L0000730    , L0000731    , L0000732    ,
               L0000733    , L0000734    , L0000735    , L0000736    , L0000737    , L0000738    , L0000739    , L0000740    ,
               L0000741    , L0000742    , L0000743    , L0000744    , L0000745    , L0000746    , L0000747    ,  . . .      ,

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     465048.85    465098.85    465148.85    465198.85    465248.85    465298.85    465348.85    465398.85    465448.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006
 3784754.94 |       0.00004      0.00005      0.00005      0.00005      0.00006      0.00006      0.00007      0.00007      0.00007
 3784704.94 |       0.00006      0.00007      0.00006      0.00007      0.00007      0.00007      0.00008      0.00008      0.00009
 3784654.94 |       0.00012      0.00014      0.00009      0.00008      0.00008      0.00009      0.00009      0.00010      0.00011
 3784604.94 |       0.00008      0.00015      0.00017      0.00011      0.00010      0.00010      0.00011      0.00012      0.00013
 3784554.94 |       0.00007      0.00009      0.00016      0.00020      0.00014      0.00013      0.00014      0.00016      0.00017
 3784504.94 |       0.00007      0.00008      0.00011      0.00017      0.00025      0.00018      0.00018      0.00021      0.00025
 3784454.94 |       0.00007      0.00008      0.00010      0.00013      0.00019      0.00025      0.00025      0.00030      0.00040
 3784404.94 |       0.00008      0.00009      0.00011      0.00013      0.00017      0.00024      0.00036      0.00046      0.00064
 3784354.94 |       0.00008      0.00010      0.00011      0.00014      0.00018      0.00024      0.00038      0.00055      0.00056
 3784304.94 |       0.00009      0.00010      0.00012      0.00015      0.00019      0.00027      0.00041      0.00063      0.00065
 3784254.94 |       0.00010      0.00011      0.00013      0.00016      0.00020      0.00027      0.00039      0.00054      0.00062
 3784204.94 |       0.00010      0.00012      0.00014      0.00017      0.00021      0.00027      0.00036      0.00049      0.00056
 3784154.94 |       0.00011      0.00013      0.00015      0.00018      0.00022      0.00027      0.00035      0.00043      0.00053
 3784104.94 |       0.00011      0.00013      0.00015      0.00018      0.00022      0.00027      0.00032      0.00038      0.00042
 3784054.94 |       0.00012      0.00013      0.00015      0.00018      0.00021      0.00025      0.00029      0.00033      0.00035
 3784004.94 |       0.00012      0.00013      0.00015      0.00018      0.00021      0.00023      0.00026      0.00028      0.00030
 3783954.94 |       0.00012      0.00013      0.00015      0.00017      0.00019      0.00022      0.00024      0.00025      0.00026
```

3783904.94	0.00012	0.00013	0.00015	0.00017	0.00018	0.00020	0.00021	0.00022	0.00022
3783854.94	0.00012	0.00013	0.00014	0.00016	0.00017	0.00018	0.00019	0.00020	0.00019
3783804.94	0.00011	0.00013	0.00014	0.00015	0.00016	0.00017	0.00017	0.00017	0.00017

*** 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 ,
STCK6 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 ,
L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 ,
L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00010
3784754.94	0.00008	0.00008	0.00009	0.00009	0.00009	0.00010	0.00010	0.00012	0.00013
3784704.94	0.00009	0.00010	0.00010	0.00011	0.00011	0.00012	0.00014	0.00015	0.00017
3784654.94	0.00011	0.00012	0.00013	0.00014	0.00015	0.00017	0.00019	0.00021	0.00022
3784604.94	0.00014	0.00015	0.00016	0.00018	0.00020	0.00023	0.00026	0.00027	0.00028
3784554.94	0.00019	0.00021	0.00023	0.00026	0.00029	0.00033	0.00035	0.00035	0.00034
3784504.94	0.00030	0.00033	0.00036	0.00041	0.00044	0.00046	0.00045	0.00041	0.00037
3784454.94	0.00058	0.00057	0.00068	0.00077	0.00067	0.00060	0.00053	0.00046	0.00039
3784404.94	0.00061	0.00082	0.00100	0.00097	0.00098	0.00070	0.00056	0.00045	0.00037
3784354.94	0.00074	0.00105	0.00128	0.00118	0.00099	0.00074	0.00051	0.00040	0.00032
3784304.94	0.00079	0.00102	0.00110	0.00104	0.00079	0.00061	0.00040	0.00032	0.00026
3784254.94	0.00073	0.00078	0.00073	0.00070	0.00065	0.00043	0.00032	0.00025	0.00021
3784204.94	0.00065	0.00071	0.00065	0.00089	0.00057	0.00035	0.00026	0.00021	0.00018
3784154.94	0.00059	0.00064	0.00071	0.00058	0.00040	0.00028	0.00022	0.00018	0.00016
3784104.94	0.00046	0.00049	0.00046	0.00038	0.00034	0.00028	0.00021	0.00017	0.00014
3784054.94	0.00037	0.00035	0.00030	0.00026	0.00024	0.00026	0.00027	0.00019	0.00015
3784004.94	0.00030	0.00027	0.00024	0.00020	0.00018	0.00017	0.00018	0.00024	0.00022
3783954.94	0.00025	0.00022	0.00019	0.00017	0.00015	0.00014	0.00013	0.00013	0.00015
3783904.94	0.00021	0.00019	0.00016	0.00015	0.00013	0.00012	0.00011	0.00011	0.00010
3783854.94	0.00018	0.00016	0.00014	0.00013	0.00012	0.00011	0.00010	0.00009	0.00009
3783804.94	0.00015	0.00014	0.00012	0.00011	0.00010	0.00009	0.00009	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       ,
               STCK6       , L0000726    , L0000727    , L0000728    , L0000729    , L0000730    , L0000731    , L0000732    ,
               L0000733    , L0000734    , L0000735    , L0000736    , L0000737    , L0000738    , L0000739    , L0000740    ,
               L0000741    , L0000742    , L0000743    , L0000744    , L0000745    , L0000746    , L0000747    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     465948.85    465998.85    466048.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00011      0.00013      0.00013
 3784754.94 |       0.00014      0.00016      0.00016
 3784704.94 |       0.00018      0.00019      0.00019
 3784654.94 |       0.00023      0.00023      0.00022
 3784604.94 |       0.00027      0.00026      0.00024
 3784554.94 |       0.00031      0.00028      0.00026
 3784504.94 |       0.00033      0.00029      0.00026
 3784454.94 |       0.00033      0.00028      0.00024
 3784404.94 |       0.00030      0.00025      0.00022
 3784354.94 |       0.00026      0.00022      0.00019
 3784304.94 |       0.00022      0.00018      0.00016
 3784254.94 |       0.00018      0.00016      0.00014
 3784204.94 |       0.00015      0.00014      0.00012
 3784154.94 |       0.00014      0.00012      0.00011
 3784104.94 |       0.00013      0.00011      0.00010
 3784054.94 |       0.00012      0.00011      0.00009
 3784004.94 |       0.00014      0.00011      0.00009
 3783954.94 |       0.00018      0.00016      0.00010
 3783904.94 |       0.00011      0.00014      0.00010
 3783854.94 |       0.00008      0.00008      0.00007
 3783804.94 |       0.00007      0.00006      0.00006

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2027-2040                               ***        19:34:51
                                                                                                                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       ,
               STCK6       , L0000726    , L0000727    , L0000728    , L0000729    , L0000730    , L0000731    , L0000732    ,
               L0000733    , L0000734    , L0000735    , L0000736    , L0000737    , L0000738    , L0000739    , L0000740    ,
               L0000741    , L0000742    , L0000743    , L0000744    , L0000745    , L0000746    , L0000747    ,  . . .      ,
```

*** 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
465880.41	3784256.82	0.00023	466014.95	3784107.23	0.00011
465704.15	3784142.82	0.00036	465678.44	3784091.28	0.00032
465693.74	3784082.76	0.00030	465868.82	3784044.54	0.00018
465947.51	3783995.44	0.00016	465977.35	3783975.95	0.00015
465263.00	3784529.31	0.00016	465226.95	3784549.93	0.00016

*** AERMOD - VERSION 22112 *** *** 19529 Kendall Drive Industrial Building *** 06/28/23
*** AERMET - VERSION 16216 *** *** DPM Concentrations 14YR 2027-2040 *** 19:34:51
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*** 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	0.00128 AT (465598.85, 3784354.94, 546.70, 2731.40, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00118 AT (465648.85, 3784354.94, 546.00, 2697.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00110 AT (465598.85, 3784304.94, 545.80, 2697.30, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00105 AT (465548.85, 3784354.94, 547.50, 2731.40, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00104 AT (465648.85, 3784304.94, 545.20, 2697.30, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00102 AT (465548.85, 3784304.94, 546.70, 2731.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00100 AT (465598.85, 3784404.94, 547.60, 2731.40, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00099 AT (465698.85, 3784354.94, 544.90, 2697.30, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00098 AT (465698.85, 3784404.94, 545.60, 2697.30, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00097 AT (465648.85, 3784404.94, 546.60, 2697.30, 0.00)	GC	UCART1

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

*** AERMOD - VERSION 22112 *** *** 19529 Kendall Drive Industrial Building *** 06/28/23
*** AERMET - VERSION 16216 *** *** DPM Concentrations 14YR 2027-2040 *** 19:34:51
PAGE 31

*** 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           13 Warning Message(s)
A Total of          838 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of           40 Calm Hours Identified

A Total of          798 Missing Hours Identified (  1.82 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                    12113003
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/28/2023
** File: C:\Lakes\AERMOD View\19529 Kendall Drive Industrial 2nd 14YR\19529 Kendall Drive Industrial 2nd 14YR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 19529 Kendall Drive Industrial Building
   TITLETWO DPM Concentrations 14YR 2041-2054
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "19529 Kendall Drive Industrial 2nd 14YR.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      465418.855  3784352.998      549.320
** DESCRSRC Idling Location
   LOCATION STCK2        POINT      465535.706  3784371.976      547.960
** DESCRSRC Idling Location
   LOCATION STCK3        POINT      465564.005  3784346.674      547.130
** DESCRSRC Idling Location
   LOCATION STCK4        POINT      465588.974  3784324.368      546.300
** DESCRSRC Idling Location
   LOCATION STCK5        POINT      465615.608  3784299.732      545.490
** DESCRSRC Idling Location
   LOCATION STCK6        POINT      465607.951  3784182.542      543.890
** DESCRSRC Idling Location
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite truck travel
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.02E-06
** Elevated
** Building Height = 22.86
** SZINIT = 10.63
** Nodes = 9
** 465416.126, 3784350.816, 549.43, 3.50, 4.00
** 465500.692, 3784440.376, 549.45, 3.50, 4.00
** 465504.354, 3784441.708, 549.35, 3.50, 4.00
** 465508.349, 3784438.712, 549.28, 3.50, 4.00
** 465677.481, 3784283.896, 544.51, 3.50, 4.00
** 465680.811, 3784275.240, 544.46, 3.50, 4.00
** 465679.955, 3784268.845, 544.73, 3.50, 4.00
** 465672.672, 3784252.772, 544.32, 3.50, 4.00
** 465604.362, 3784179.314, 543.86, 3.50, 4.00
** ----------------------------------------------------------------
   LOCATION L0000929     VOLUME   465419.075 3784353.939 549.33
   LOCATION L0000930     VOLUME   465424.973 3784360.186 549.30
   LOCATION L0000931     VOLUME   465430.871 3784366.432 549.29
   LOCATION L0000932     VOLUME   465436.769 3784372.678 549.29
   LOCATION L0000933     VOLUME   465442.667 3784378.924 549.31
   LOCATION L0000934     VOLUME   465448.565 3784385.171 549.34
   LOCATION L0000935     VOLUME   465454.463 3784391.417 549.36
   LOCATION L0000936     VOLUME   465460.361 3784397.663 549.38
   LOCATION L0000937     VOLUME   465466.259 3784403.910 549.39
   LOCATION L0000938     VOLUME   465472.157 3784410.156 549.38
   LOCATION L0000939     VOLUME   465478.055 3784416.402 549.39
   LOCATION L0000940     VOLUME   465483.953 3784422.648 549.40
   LOCATION L0000941     VOLUME   465489.851 3784428.895 549.42
   LOCATION L0000942     VOLUME   465495.749 3784435.141 549.46
   LOCATION L0000943     VOLUME   465501.999 3784440.851 549.47
   LOCATION L0000944     VOLUME   465509.154 3784437.975 549.31
   LOCATION L0000945     VOLUME   465515.491 3784432.175 549.12
   LOCATION L0000946     VOLUME   465521.827 3784426.374 548.98
   LOCATION L0000947     VOLUME   465528.164 3784420.574 548.82
   LOCATION L0000948     VOLUME   465534.501 3784414.773 548.64
   LOCATION L0000949     VOLUME   465540.838 3784408.973 548.46
   LOCATION L0000950     VOLUME   465547.175 3784403.172 548.30
   LOCATION L0000951     VOLUME   465553.512 3784397.372 548.14
   LOCATION L0000952     VOLUME   465559.849 3784391.571 547.96
   LOCATION L0000953     VOLUME   465566.186 3784385.771 547.78
   LOCATION L0000954     VOLUME   465572.522 3784379.970 547.59
   LOCATION L0000955     VOLUME   465578.859 3784374.170 547.39
   LOCATION L0000956     VOLUME   465585.196 3784368.369 547.19
   LOCATION L0000957     VOLUME   465591.533 3784362.569 546.99
   LOCATION L0000958     VOLUME   465597.870 3784356.768 546.79
   LOCATION L0000959     VOLUME   465604.207 3784350.968 546.58
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   LOCATION L0000960     VOLUME   465610.544 3784345.167 546.36
   LOCATION L0000961     VOLUME   465616.881 3784339.367 546.13
   LOCATION L0000962     VOLUME   465623.218 3784333.566 545.95
   LOCATION L0000963     VOLUME   465629.554 3784327.766 545.77
   LOCATION L0000964     VOLUME   465635.891 3784321.965 545.60
   LOCATION L0000965     VOLUME   465642.228 3784316.165 545.45
   LOCATION L0000966     VOLUME   465648.565 3784310.364 545.28
   LOCATION L0000967     VOLUME   465654.902 3784304.564 545.11
   LOCATION L0000968     VOLUME   465661.239 3784298.763 544.93
   LOCATION L0000969     VOLUME   465667.576 3784292.963 544.74
   LOCATION L0000970     VOLUME   465673.913 3784287.163 544.54
   LOCATION L0000971     VOLUME   465678.828 3784280.393 544.46
   LOCATION L0000972     VOLUME   465680.403 3784272.198 544.47
   LOCATION L0000973     VOLUME   465677.805 3784264.101 544.48
   LOCATION L0000974     VOLUME   465674.259 3784256.276 544.41
   LOCATION L0000975     VOLUME   465669.441 3784249.298 544.28
   LOCATION L0000976     VOLUME   465663.591 3784243.007 544.22
   LOCATION L0000977     VOLUME   465657.741 3784236.716 544.21
   LOCATION L0000978     VOLUME   465651.891 3784230.425 544.16
   LOCATION L0000979     VOLUME   465646.041 3784224.134 544.08
   LOCATION L0000980     VOLUME   465640.191 3784217.843 543.98
   LOCATION L0000981     VOLUME   465634.340 3784211.552 543.91
   LOCATION L0000982     VOLUME   465628.490 3784205.260 543.86
   LOCATION L0000983     VOLUME   465622.640 3784198.969 543.83
   LOCATION L0000984     VOLUME   465616.790 3784192.678 543.82
   LOCATION L0000985     VOLUME   465610.940 3784186.387 543.87
   LOCATION L0000986     VOLUME   465605.090 3784180.096 543.91
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Along Kendall Drive to West Driveway
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.58E-07
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 2
** 465052.629, 3784671.487, 559.83, 3.50, 4.00
** 465406.776, 3784345.055, 549.45, 3.50, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000987     VOLUME   465055.788 3784668.576 559.98
   LOCATION L0000988     VOLUME   465062.104 3784662.753 559.78
   LOCATION L0000989     VOLUME   465068.421 3784656.931 559.59
   LOCATION L0000990     VOLUME   465074.738 3784651.108 559.43
   LOCATION L0000991     VOLUME   465081.055 3784645.286 559.23
   LOCATION L0000992     VOLUME   465087.371 3784639.464 559.05
   LOCATION L0000993     VOLUME   465093.688 3784633.641 558.88
   LOCATION L0000994     VOLUME   465100.005 3784627.819 558.71
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   LOCATION L0000995     VOLUME   465106.322 3784621.996 558.57
   LOCATION L0000996     VOLUME   465112.638 3784616.174 558.40
   LOCATION L0000997     VOLUME   465118.955 3784610.352 558.23
   LOCATION L0000998     VOLUME   465125.272 3784604.529 558.07
   LOCATION L0000999     VOLUME   465131.588 3784598.707 557.91
   LOCATION L0001000     VOLUME   465137.905 3784592.884 557.73
   LOCATION L0001001     VOLUME   465144.222 3784587.062 557.56
   LOCATION L0001002     VOLUME   465150.539 3784581.239 557.39
   LOCATION L0001003     VOLUME   465156.855 3784575.417 557.24
   LOCATION L0001004     VOLUME   465163.172 3784569.595 557.10
   LOCATION L0001005     VOLUME   465169.489 3784563.772 556.96
   LOCATION L0001006     VOLUME   465175.806 3784557.950 556.79
   LOCATION L0001007     VOLUME   465182.122 3784552.127 556.61
   LOCATION L0001008     VOLUME   465188.439 3784546.305 556.41
   LOCATION L0001009     VOLUME   465194.756 3784540.483 556.23
   LOCATION L0001010     VOLUME   465201.073 3784534.660 556.06
   LOCATION L0001011     VOLUME   465207.389 3784528.838 555.87
   LOCATION L0001012     VOLUME   465213.706 3784523.015 555.69
   LOCATION L0001013     VOLUME   465220.023 3784517.193 555.51
   LOCATION L0001014     VOLUME   465226.340 3784511.370 555.34
   LOCATION L0001015     VOLUME   465232.656 3784505.548 555.18
   LOCATION L0001016     VOLUME   465238.973 3784499.726 555.00
   LOCATION L0001017     VOLUME   465245.290 3784493.903 554.82
   LOCATION L0001018     VOLUME   465251.607 3784488.081 554.64
   LOCATION L0001019     VOLUME   465257.923 3784482.258 554.46
   LOCATION L0001020     VOLUME   465264.240 3784476.436 554.29
   LOCATION L0001021     VOLUME   465270.557 3784470.613 554.13
   LOCATION L0001022     VOLUME   465276.874 3784464.791 553.94
   LOCATION L0001023     VOLUME   465283.190 3784458.969 553.72
   LOCATION L0001024     VOLUME   465289.507 3784453.146 553.50
   LOCATION L0001025     VOLUME   465295.824 3784447.324 553.29
   LOCATION L0001026     VOLUME   465302.141 3784441.501 553.11
   LOCATION L0001027     VOLUME   465308.457 3784435.679 552.93
   LOCATION L0001028     VOLUME   465314.774 3784429.857 552.73
   LOCATION L0001029     VOLUME   465321.091 3784424.034 552.54
   LOCATION L0001030     VOLUME   465327.408 3784418.212 552.36
   LOCATION L0001031     VOLUME   465333.724 3784412.389 552.18
   LOCATION L0001032     VOLUME   465340.041 3784406.567 551.98
   LOCATION L0001033     VOLUME   465346.358 3784400.744 551.76
   LOCATION L0001034     VOLUME   465352.675 3784394.922 551.53
   LOCATION L0001035     VOLUME   465358.991 3784389.100 551.29
   LOCATION L0001036     VOLUME   465365.308 3784383.277 551.03
   LOCATION L0001037     VOLUME   465371.625 3784377.455 550.80
   LOCATION L0001038     VOLUME   465377.942 3784371.632 550.58
   LOCATION L0001039     VOLUME   465384.258 3784365.810 550.33
   LOCATION L0001040     VOLUME   465390.575 3784359.988 550.09
   LOCATION L0001041     VOLUME   465396.892 3784354.165 549.87
   LOCATION L0001042     VOLUME   465403.209 3784348.343 549.65
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
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** LINE VOLUME Source ID = SLINE3
** DESCRSRC From Driveways To Kendall Drive WB
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.55E-08
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 5
** 465409.757, 3784341.226, 549.42, 3.50, 4.00
** 465562.130, 3784198.944, 544.80, 3.50, 4.00
** 465590.246, 3784172.211, 544.02, 3.50, 4.00
** 465624.354, 3784149.626, 543.20, 3.50, 4.00
** 466037.147, 3783908.299, 534.30, 3.50, 4.00
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   LOCATION L0001043     VOLUME   465412.896 3784338.294 549.32
   LOCATION L0001044     VOLUME   465419.175 3784332.431 549.11
   LOCATION L0001045     VOLUME   465425.454 3784326.568 548.88
   LOCATION L0001046     VOLUME   465431.733 3784320.705 548.64
   LOCATION L0001047     VOLUME   465438.012 3784314.841 548.43
   LOCATION L0001048     VOLUME   465444.291 3784308.978 548.29
   LOCATION L0001049     VOLUME   465450.570 3784303.115 548.12
   LOCATION L0001050     VOLUME   465456.849 3784297.252 547.90
   LOCATION L0001051     VOLUME   465463.128 3784291.389 547.65
   LOCATION L0001052     VOLUME   465469.407 3784285.526 547.50
   LOCATION L0001053     VOLUME   465475.686 3784279.663 547.38
   LOCATION L0001054     VOLUME   465481.965 3784273.800 547.21
   LOCATION L0001055     VOLUME   465488.244 3784267.936 546.99
   LOCATION L0001056     VOLUME   465494.523 3784262.073 546.82
   LOCATION L0001057     VOLUME   465500.802 3784256.210 546.67
   LOCATION L0001058     VOLUME   465507.081 3784250.347 546.54
   LOCATION L0001059     VOLUME   465513.360 3784244.484 546.35
   LOCATION L0001060     VOLUME   465519.639 3784238.621 546.15
   LOCATION L0001061     VOLUME   465525.918 3784232.758 545.94
   LOCATION L0001062     VOLUME   465532.197 3784226.895 545.72
   LOCATION L0001063     VOLUME   465538.476 3784221.031 545.54
   LOCATION L0001064     VOLUME   465544.755 3784215.168 545.38
   LOCATION L0001065     VOLUME   465551.034 3784209.305 545.21
   LOCATION L0001066     VOLUME   465557.313 3784203.442 545.04
   LOCATION L0001067     VOLUME   465563.580 3784197.566 544.85
   LOCATION L0001068     VOLUME   465569.805 3784191.646 544.69
   LOCATION L0001069     VOLUME   465576.031 3784185.727 544.52
   LOCATION L0001070     VOLUME   465582.257 3784179.807 544.35
   LOCATION L0001071     VOLUME   465588.483 3784173.887 544.17
   LOCATION L0001072     VOLUME   465595.380 3784168.811 543.98
   LOCATION L0001073     VOLUME   465602.543 3784164.068 543.79
   LOCATION L0001074     VOLUME   465609.706 3784159.325 543.62
   LOCATION L0001075     VOLUME   465616.869 3784154.582 543.44
   LOCATION L0001076     VOLUME   465624.031 3784149.839 543.29
   LOCATION L0001077     VOLUME   465631.436 3784145.485 543.13
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LOCATION L0001078     VOLUME   465638.853 3784141.149 542.97
LOCATION L0001079     VOLUME   465646.269 3784136.814 542.82
LOCATION L0001080     VOLUME   465653.686 3784132.478 542.64
LOCATION L0001081     VOLUME   465661.102 3784128.142 542.44
LOCATION L0001082     VOLUME   465668.518 3784123.806 542.22
LOCATION L0001083     VOLUME   465675.935 3784119.471 541.95
LOCATION L0001084     VOLUME   465683.351 3784115.135 541.70
LOCATION L0001085     VOLUME   465690.768 3784110.799 541.46
LOCATION L0001086     VOLUME   465698.184 3784106.463 541.23
LOCATION L0001087     VOLUME   465705.600 3784102.128 541.02
LOCATION L0001088     VOLUME   465713.017 3784097.792 540.82
LOCATION L0001089     VOLUME   465720.433 3784093.456 540.62
LOCATION L0001090     VOLUME   465727.850 3784089.120 540.42
LOCATION L0001091     VOLUME   465735.266 3784084.785 540.22
LOCATION L0001092     VOLUME   465742.682 3784080.449 540.01
LOCATION L0001093     VOLUME   465750.099 3784076.113 539.82
LOCATION L0001094     VOLUME   465757.515 3784071.777 539.62
LOCATION L0001095     VOLUME   465764.932 3784067.441 539.42
LOCATION L0001096     VOLUME   465772.348 3784063.106 539.23
LOCATION L0001097     VOLUME   465779.764 3784058.770 539.08
LOCATION L0001098     VOLUME   465787.181 3784054.434 538.91
LOCATION L0001099     VOLUME   465794.597 3784050.098 538.73
LOCATION L0001100     VOLUME   465802.014 3784045.763 538.57
LOCATION L0001101     VOLUME   465809.430 3784041.427 538.41
LOCATION L0001102     VOLUME   465816.846 3784037.091 538.26
LOCATION L0001103     VOLUME   465824.263 3784032.755 538.10
LOCATION L0001104     VOLUME   465831.679 3784028.420 537.94
LOCATION L0001105     VOLUME   465839.096 3784024.084 537.78
LOCATION L0001106     VOLUME   465846.512 3784019.748 537.62
LOCATION L0001107     VOLUME   465853.928 3784015.412 537.47
LOCATION L0001108     VOLUME   465861.345 3784011.077 537.31
LOCATION L0001109     VOLUME   465868.761 3784006.741 537.16
LOCATION L0001110     VOLUME   465876.178 3784002.405 537.01
LOCATION L0001111     VOLUME   465883.594 3783998.069 536.85
LOCATION L0001112     VOLUME   465891.010 3783993.734 536.69
LOCATION L0001113     VOLUME   465898.427 3783989.398 536.54
LOCATION L0001114     VOLUME   465905.843 3783985.062 536.38
LOCATION L0001115     VOLUME   465913.260 3783980.726 536.23
LOCATION L0001116     VOLUME   465920.676 3783976.390 536.07
LOCATION L0001117     VOLUME   465928.092 3783972.055 535.93
LOCATION L0001118     VOLUME   465935.509 3783967.719 535.81
LOCATION L0001119     VOLUME   465942.925 3783963.383 535.68
LOCATION L0001120     VOLUME   465950.342 3783959.047 535.56
LOCATION L0001121     VOLUME   465957.758 3783954.712 535.44
LOCATION L0001122     VOLUME   465965.174 3783950.376 535.31
LOCATION L0001123     VOLUME   465972.591 3783946.040 535.18
LOCATION L0001124     VOLUME   465980.007 3783941.704 535.07
LOCATION L0001125     VOLUME   465987.424 3783937.369 534.96
LOCATION L0001126     VOLUME   465994.840 3783933.033 534.83
LOCATION L0001127     VOLUME   466002.256 3783928.697 534.70
LOCATION L0001128     VOLUME   466009.673 3783924.361 534.58
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   LOCATION L0001129     VOLUME   466017.089 3783920.026 534.45
   LOCATION L0001130     VOLUME   466024.506 3783915.690 534.32
   LOCATION L0001131     VOLUME   466031.922 3783911.354 534.18
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
   SRCPARAM STCK1         3.12E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK2         3.12E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK3         3.12E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK4         3.12E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK5         3.12E-06     3.500   366.000    51.816       0.1
   SRCPARAM STCK6         3.12E-06     3.500   366.000    51.816       0.1
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000929     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000930     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000931     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000932     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000933     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000934     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000935     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000936     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000937     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000938     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000939     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000940     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000941     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000942     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000943     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000944     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000945     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000946     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000947     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000948     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000949     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000950     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000951     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000952     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000953     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000954     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000955     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000956     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000957     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000958     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000959     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000960     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000961     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000962     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000963     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000964     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000965     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000966     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000967     0.00000003483      3.50      4.00     10.63
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   SRCPARAM L0000968     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000969     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000970     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000971     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000972     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000973     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000974     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000975     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000976     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000977     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000978     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000979     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000980     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000981     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000982     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000983     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000984     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000985     0.00000003483      3.50      4.00     10.63
   SRCPARAM L0000986     0.00000003483      3.50      4.00     10.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000987     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000988     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000989     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000990     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000991     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000992     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000993     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000994     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000995     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000996     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000997     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000998     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0000999     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001000     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001001     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001002     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001003     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001004     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001005     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001006     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001007     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001008     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001009     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001010     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001011     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001012     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001013     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001014     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001015     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001016     0.000000009964      3.50      4.00      1.63
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   SRCPARAM L0001017     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001018     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001019     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001020     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001021     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001022     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001023     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001024     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001025     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001026     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001027     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001028     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001029     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001030     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001031     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001032     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001033     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001034     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001035     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001036     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001037     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001038     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001039     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001040     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001041     0.000000009964      3.50      4.00      1.63
   SRCPARAM L0001042     0.000000009964      3.50      4.00      1.63
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0001043     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001044     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001045     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001046     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001047     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001048     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001049     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001050     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001051     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001052     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001053     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001054     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001055     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001056     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001057     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001058     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001059     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001060     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001061     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001062     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001063     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001064     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001065     0.000000000399      3.50      4.00      1.63
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SRCPARAM L0001066     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001067     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001068     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001069     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001070     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001071     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001072     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001073     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001074     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001075     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001076     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001077     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001078     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001079     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001080     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001081     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001082     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001083     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001084     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001085     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001086     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001087     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001088     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001089     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001090     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001091     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001092     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001093     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001094     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001095     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001096     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001097     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001098     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001099     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001100     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001101     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001102     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001103     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001104     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001105     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001106     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001107     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001108     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001109     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001110     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001111     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001112     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001113     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001114     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001115     0.000000000399      3.50      4.00      1.63
SRCPARAM L0001116     0.000000000399      3.50      4.00      1.63
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   SRCPARAM L0001117     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001118     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001119     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001120     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001121     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001122     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001123     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001124     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001125     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001126     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001127     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001128     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001129     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001130     0.000000000399      3.50      4.00      1.63
   SRCPARAM L0001131     0.000000000399      3.50      4.00      1.63
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00
   BUILDHGT STCK1           0.00     0.00     0.00     0.00    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK1          22.86    22.86    22.86     0.00     0.00     0.00

   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK2          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK3          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK4          22.86    22.86    22.86    22.86    22.86    22.86

   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
   BUILDHGT STCK5          22.86    22.86    22.86    22.86    22.86    22.86
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BUILDHGT STCK5	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	0.00	0.00
BUILDHGT STCK6	0.00	0.00	22.86	22.86	22.86	22.86
BUILDHGT STCK6	22.86	22.86	22.86	22.86	22.86	22.86
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK1	0.00	0.00	0.00	0.00	233.72	243.11
BUILDWID STCK1	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK1	113.98	130.99	165.36	0.00	0.00	0.00
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK2	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK2	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK2	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK3	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK3	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK3	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK4	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK4	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK4	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK5	244.59	246.82	241.56	228.95	233.72	243.11
BUILDWID STCK5	245.11	239.67	226.94	207.32	181.40	149.97
BUILDWID STCK5	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93
BUILDWID STCK6	244.59	246.82	241.56	228.95	0.00	0.00
BUILDWID STCK6	0.00	0.00	226.94	207.32	181.40	149.97
BUILDWID STCK6	113.98	130.99	165.36	194.70	218.13	234.93

```
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00
BUILDLEN STCK1          0.00     0.00     0.00     0.00   130.99   165.36
BUILDLEN STCK1        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK1        228.95   233.72   243.11     0.00     0.00     0.00

BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK2        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK2        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK2        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK3        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK3        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK3        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK4        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK4        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK4        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK5        207.32   181.40   149.97   113.98   130.99   165.36
BUILDLEN STCK5        194.70   218.13   234.93   244.59   246.82   241.56
BUILDLEN STCK5        228.95   233.72   243.11   245.11   239.67   226.94

BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94
BUILDLEN STCK6        207.32   181.40   149.97   113.98     0.00     0.00
BUILDLEN STCK6          0.00     0.00   234.93   244.59   246.82   241.56
BUILDLEN STCK6        228.95   233.72   243.11   245.11   239.67   226.94

XBADJ    STCK1          0.00     0.00     0.00     0.00     5.97     8.85
XBADJ    STCK1         11.45    13.71    15.55    16.92    17.77    18.09
XBADJ    STCK1         17.85     4.38   -14.76     0.00     0.00     0.00
XBADJ    STCK1          0.00     0.00     0.00     0.00  -136.96  -174.20
XBADJ    STCK1       -206.15  -231.84  -250.48  -261.51  -264.60  -259.64
XBADJ    STCK1       -246.80  -238.09  -228.35     0.00     0.00     0.00

XBADJ    STCK2       -165.00  -146.29  -123.15   -96.25   -95.75  -101.85
XBADJ    STCK2       -104.85  -104.67  -101.31   -94.87   -85.55   -73.63
```

XBADJ	STCK2	-59.47	-56.20	-56.75	-55.58	-52.71	-48.25
XBADJ	STCK2	-42.32	-35.10	-26.82	-17.72	-35.24	-63.51
XBADJ	STCK2	-89.85	-113.46	-133.62	-149.72	-161.28	-167.93
XBADJ	STCK2	-169.48	-177.52	-186.36	-189.53	-186.95	-178.69
XBADJ	STCK3	-144.99	-132.19	-115.38	-95.06	-101.16	-113.70
XBADJ	STCK3	-122.79	-128.15	-129.61	-127.14	-120.80	-110.79
XBADJ	STCK3	-97.42	-93.78	-92.82	-89.04	-82.55	-73.56
XBADJ	STCK3	-62.33	-49.21	-34.59	-18.92	-29.83	-51.65
XBADJ	STCK3	-71.91	-89.98	-105.32	-117.46	-126.03	-130.76
XBADJ	STCK3	-131.53	-139.94	-150.29	-156.07	-157.11	-153.38
XBADJ	STCK4	-127.36	-119.77	-108.54	-94.02	-105.94	-124.17
XBADJ	STCK4	-138.62	-148.85	-154.57	-155.59	-151.88	-143.56
XBADJ	STCK4	-130.87	-126.91	-124.61	-118.53	-108.85	-95.86
XBADJ	STCK4	-79.96	-61.63	-41.42	-19.96	-25.04	-41.19
XBADJ	STCK4	-56.08	-69.27	-80.36	-89.00	-94.94	-98.00
XBADJ	STCK4	-98.08	-106.81	-118.49	-126.58	-130.82	-131.08
XBADJ	STCK5	-107.72	-105.73	-100.52	-92.27	-110.51	-134.92
XBADJ	STCK5	-155.22	-170.81	-181.21	-186.10	-185.34	-178.95
XBADJ	STCK5	-167.12	-162.91	-159.27	-150.80	-137.74	-120.50
XBADJ	STCK5	-99.60	-75.67	-49.44	-21.71	-20.47	-30.44
XBADJ	STCK5	-39.48	-47.32	-53.72	-58.49	-61.48	-62.61
XBADJ	STCK5	-61.83	-70.81	-83.83	-94.31	-101.92	-106.44
XBADJ	STCK6	9.02	7.01	4.79	2.43	0.00	0.00
XBADJ	STCK6	0.00	0.00	-173.55	-198.91	-218.22	-230.91
XBADJ	STCK6	-236.58	-247.75	-256.93	-258.30	-251.82	-237.69
XBADJ	STCK6	-216.34	-188.41	-154.76	-116.41	0.00	0.00
XBADJ	STCK6	0.00	0.00	-61.38	-45.68	-28.60	-10.65
XBADJ	STCK6	7.63	14.04	13.82	13.19	12.15	10.75
YBADJ	STCK1	0.00	0.00	0.00	0.00	-121.23	-106.79
YBADJ	STCK1	-89.11	-68.72	-46.24	-22.36	2.21	26.71
YBADJ	STCK1	50.39	71.47	91.52	0.00	0.00	0.00
YBADJ	STCK1	0.00	0.00	0.00	0.00	121.23	106.79
YBADJ	STCK1	89.11	68.72	46.24	22.36	-2.21	-26.71
YBADJ	STCK1	-50.39	-71.47	-91.52	0.00	0.00	0.00
YBADJ	STCK2	-27.43	-37.86	-47.15	-55.01	-60.66	-64.80
YBADJ	STCK2	-66.98	-67.12	-65.22	-61.34	-55.60	-48.16
YBADJ	STCK2	-39.27	-30.25	-19.17	-7.50	4.39	16.16
YBADJ	STCK2	27.43	37.86	47.15	55.01	60.66	64.80
YBADJ	STCK2	66.98	67.12	65.22	61.34	55.60	48.16
YBADJ	STCK2	39.27	30.25	19.17	7.50	-4.39	-16.16
YBADJ	STCK3	4.84	-2.61	-9.99	-17.06	-23.08	-28.73
YBADJ	STCK3	-33.52	-37.28	-39.91	-41.33	-41.49	-40.39
YBADJ	STCK3	-38.07	-35.66	-31.02	-25.44	-19.08	-12.14
YBADJ	STCK3	-4.84	2.61	9.99	17.06	23.08	28.73

```
   YBADJ    STCK3           33.52    37.28    39.91    41.33    41.49    40.39
   YBADJ    STCK3           38.07    35.66    31.02    25.44    19.08    12.14

   YBADJ    STCK4           33.29    28.47    22.78    16.40    10.05     3.06
   YBADJ    STCK4           -4.02   -10.98   -17.61   -23.70   -29.07   -33.56
   YBADJ    STCK4          -37.03   -40.45   -41.49   -41.27   -39.79   -37.10
   YBADJ    STCK4          -33.29   -28.47   -22.78   -16.40   -10.05    -3.06
   YBADJ    STCK4            4.02    10.98    17.61    23.70    29.07    33.56
   YBADJ    STCK4           37.03    40.45    41.49    41.27    39.79    37.11

   YBADJ    STCK5           63.81    61.93    58.17    52.64    46.05    37.72
   YBADJ    STCK5           28.24    17.91     7.03    -4.06   -15.03   -25.54
   YBADJ    STCK5          -35.28   -45.02   -52.24   -57.87   -61.75   -63.75
   YBADJ    STCK5          -63.81   -61.93   -58.17   -52.64   -46.05   -37.72
   YBADJ    STCK5          -28.24   -17.91    -7.03     4.06    15.03    25.54
   YBADJ    STCK5           35.28    45.02    52.24    57.87    61.75    63.75

   YBADJ    STCK6           76.61    94.81   110.13   122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00   124.22   112.68    97.71    79.78
   YBADJ    STCK6           59.42    36.18    12.99   -10.59   -33.85   -56.09
   YBADJ    STCK6          -76.61   -94.81  -110.13  -122.10     0.00     0.00
   YBADJ    STCK6            0.00     0.00  -124.22  -112.68   -97.71   -79.78
   YBADJ    STCK6          -59.42   -36.18   -12.99    10.59    33.85    56.09

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "19529 Kendall Drive Industrial 2nd 14YR.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.SFC"
   PROFFILE "E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL"
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
```

```
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "19529 KENDALL DRIVE INDUSTRIAL 2ND 14YR.AD\PE00GALL.PLT" 31
   SUMMFILE "19529 Kendall Drive Industrial 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            8 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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


 *** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
 *** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2041-2054                               ***        20:01:58
                                                                                                                 PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
    * NO GAS DEPOSITION Data Provided.
    * NO PARTICLE DEPOSITION Data Provided.
    * Model Uses NO DRY DEPLETION. DDPLETE  =  F
    * Model Uses NO WET DEPLETION. WETDPLT  =  F
    * Stack-tip Downwash.
    * Model Accounts for ELEVated Terrain Effects.
    * Use Calms Processing Routine.
    * Use Missing Data Processing Routine.
    * No Exponential Decay.
    * Model Uses URBAN Dispersion Algorithm for the SBL for   209 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:    209 Source(s);       1 Source Group(s); and     451 Receptor(s)

               with:      6 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    203 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) =   367.00 ;  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 =      3.9 MB of RAM.
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**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: 19529 Kendall Drive Industrial 2nd 14YR.err
**File for Summary of Results: 19529 Kendall Drive Industrial 2nd 14YR.sum

*** AERMOD - VERSION 22112 *** *** 19529 Kendall Drive Industrial Building *** 06/28/23
*** AERMET - VERSION 16216 *** *** DPM Concentrations 14YR 2041-2054 *** 20:01:58
PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.31200E-05	465418.9	3784353.0	549.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK2	0	0.31200E-05	465535.7	3784372.0	548.0	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK3	0	0.31200E-05	465564.0	3784346.7	547.1	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK4	0	0.31200E-05	465589.0	3784324.4	546.3	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK5	0	0.31200E-05	465615.6	3784299.7	545.5	3.50	366.00	51.82	0.10	YES	YES	NO	
STCK6	0	0.31200E-05	465608.0	3784182.5	543.9	3.50	366.00	51.82	0.10	YES	YES	NO	

*** AERMOD - VERSION 22112 *** *** 19529 Kendall Drive Industrial Building *** 06/28/23
*** AERMET - VERSION 16216 *** *** DPM Concentrations 14YR 2041-2054 *** 20:01:58
PAGE 3
*** 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
L0000929	0	0.34830E-07	465419.1	3784353.9	549.3	3.50	4.00	10.63	YES	
L0000930	0	0.34830E-07	465425.0	3784360.2	549.3	3.50	4.00	10.63	YES	
L0000931	0	0.34830E-07	465430.9	3784366.4	549.3	3.50	4.00	10.63	YES	
L0000932	0	0.34830E-07	465436.8	3784372.7	549.3	3.50	4.00	10.63	YES	
L0000933	0	0.34830E-07	465442.7	3784378.9	549.3	3.50	4.00	10.63	YES	
L0000934	0	0.34830E-07	465448.6	3784385.2	549.3	3.50	4.00	10.63	YES	
L0000935	0	0.34830E-07	465454.5	3784391.4	549.4	3.50	4.00	10.63	YES	
L0000936	0	0.34830E-07	465460.4	3784397.7	549.4	3.50	4.00	10.63	YES	
L0000937	0	0.34830E-07	465466.3	3784403.9	549.4	3.50	4.00	10.63	YES	
L0000938	0	0.34830E-07	465472.2	3784410.2	549.4	3.50	4.00	10.63	YES	
L0000939	0	0.34830E-07	465478.1	3784416.4	549.4	3.50	4.00	10.63	YES	

L0000940	0	0.34830E-07	465484.0	3784422.6	549.4	3.50	4.00	10.63	YES
L0000941	0	0.34830E-07	465489.9	3784428.9	549.4	3.50	4.00	10.63	YES
L0000942	0	0.34830E-07	465495.7	3784435.1	549.5	3.50	4.00	10.63	YES
L0000943	0	0.34830E-07	465502.0	3784440.9	549.5	3.50	4.00	10.63	YES
L0000944	0	0.34830E-07	465509.2	3784438.0	549.3	3.50	4.00	10.63	YES
L0000945	0	0.34830E-07	465515.5	3784432.2	549.1	3.50	4.00	10.63	YES
L0000946	0	0.34830E-07	465521.8	3784426.4	549.0	3.50	4.00	10.63	YES
L0000947	0	0.34830E-07	465528.2	3784420.6	548.8	3.50	4.00	10.63	YES
L0000948	0	0.34830E-07	465534.5	3784414.8	548.6	3.50	4.00	10.63	YES
L0000949	0	0.34830E-07	465540.8	3784409.0	548.5	3.50	4.00	10.63	YES
L0000950	0	0.34830E-07	465547.2	3784403.2	548.3	3.50	4.00	10.63	YES
L0000951	0	0.34830E-07	465553.5	3784397.4	548.1	3.50	4.00	10.63	YES
L0000952	0	0.34830E-07	465559.8	3784391.6	548.0	3.50	4.00	10.63	YES
L0000953	0	0.34830E-07	465566.2	3784385.8	547.8	3.50	4.00	10.63	YES
L0000954	0	0.34830E-07	465572.5	3784380.0	547.6	3.50	4.00	10.63	YES
L0000955	0	0.34830E-07	465578.9	3784374.2	547.4	3.50	4.00	10.63	YES
L0000956	0	0.34830E-07	465585.2	3784368.4	547.2	3.50	4.00	10.63	YES
L0000957	0	0.34830E-07	465591.5	3784362.6	547.0	3.50	4.00	10.63	YES
L0000958	0	0.34830E-07	465597.9	3784356.8	546.8	3.50	4.00	10.63	YES
L0000959	0	0.34830E-07	465604.2	3784351.0	546.6	3.50	4.00	10.63	YES
L0000960	0	0.34830E-07	465610.5	3784345.2	546.4	3.50	4.00	10.63	YES
L0000961	0	0.34830E-07	465616.9	3784339.4	546.1	3.50	4.00	10.63	YES
L0000962	0	0.34830E-07	465623.2	3784333.6	545.9	3.50	4.00	10.63	YES
L0000963	0	0.34830E-07	465629.6	3784327.8	545.8	3.50	4.00	10.63	YES
L0000964	0	0.34830E-07	465635.9	3784322.0	545.6	3.50	4.00	10.63	YES
L0000965	0	0.34830E-07	465642.2	3784316.2	545.4	3.50	4.00	10.63	YES
L0000966	0	0.34830E-07	465648.6	3784310.4	545.3	3.50	4.00	10.63	YES
L0000967	0	0.34830E-07	465654.9	3784304.6	545.1	3.50	4.00	10.63	YES
L0000968	0	0.34830E-07	465661.2	3784298.8	544.9	3.50	4.00	10.63	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
L0000969	0	0.34830E-07	465667.6	3784293.0	544.7	3.50	4.00	10.63	YES	
L0000970	0	0.34830E-07	465673.9	3784287.2	544.5	3.50	4.00	10.63	YES	
L0000971	0	0.34830E-07	465678.8	3784280.4	544.5	3.50	4.00	10.63	YES	
L0000972	0	0.34830E-07	465680.4	3784272.2	544.5	3.50	4.00	10.63	YES	
L0000973	0	0.34830E-07	465677.8	3784264.1	544.5	3.50	4.00	10.63	YES	
L0000974	0	0.34830E-07	465674.3	3784256.3	544.4	3.50	4.00	10.63	YES	
L0000975	0	0.34830E-07	465669.4	3784249.3	544.3	3.50	4.00	10.63	YES	
L0000976	0	0.34830E-07	465663.6	3784243.0	544.2	3.50	4.00	10.63	YES	

L0000977	0	0.34830E-07	465657.7	3784236.7	544.2	3.50	4.00	10.63	YES
L0000978	0	0.34830E-07	465651.9	3784230.4	544.2	3.50	4.00	10.63	YES
L0000979	0	0.34830E-07	465646.0	3784224.1	544.1	3.50	4.00	10.63	YES
L0000980	0	0.34830E-07	465640.2	3784217.8	544.0	3.50	4.00	10.63	YES
L0000981	0	0.34830E-07	465634.3	3784211.6	543.9	3.50	4.00	10.63	YES
L0000982	0	0.34830E-07	465628.5	3784205.3	543.9	3.50	4.00	10.63	YES
L0000983	0	0.34830E-07	465622.6	3784199.0	543.8	3.50	4.00	10.63	YES
L0000984	0	0.34830E-07	465616.8	3784192.7	543.8	3.50	4.00	10.63	YES
L0000985	0	0.34830E-07	465610.9	3784186.4	543.9	3.50	4.00	10.63	YES
L0000986	0	0.34830E-07	465605.1	3784180.1	543.9	3.50	4.00	10.63	YES
L0000987	0	0.99640E-08	465055.8	3784668.6	560.0	3.50	4.00	1.63	YES
L0000988	0	0.99640E-08	465062.1	3784662.8	559.8	3.50	4.00	1.63	YES
L0000989	0	0.99640E-08	465068.4	3784656.9	559.6	3.50	4.00	1.63	YES
L0000990	0	0.99640E-08	465074.7	3784651.1	559.4	3.50	4.00	1.63	YES
L0000991	0	0.99640E-08	465081.1	3784645.3	559.2	3.50	4.00	1.63	YES
L0000992	0	0.99640E-08	465087.4	3784639.5	559.0	3.50	4.00	1.63	YES
L0000993	0	0.99640E-08	465093.7	3784633.6	558.9	3.50	4.00	1.63	YES
L0000994	0	0.99640E-08	465100.0	3784627.8	558.7	3.50	4.00	1.63	YES
L0000995	0	0.99640E-08	465106.3	3784622.0	558.6	3.50	4.00	1.63	YES
L0000996	0	0.99640E-08	465112.6	3784616.2	558.4	3.50	4.00	1.63	YES
L0000997	0	0.99640E-08	465119.0	3784610.4	558.2	3.50	4.00	1.63	YES
L0000998	0	0.99640E-08	465125.3	3784604.5	558.1	3.50	4.00	1.63	YES
L0000999	0	0.99640E-08	465131.6	3784598.7	557.9	3.50	4.00	1.63	YES
L0001000	0	0.99640E-08	465137.9	3784592.9	557.7	3.50	4.00	1.63	YES
L0001001	0	0.99640E-08	465144.2	3784587.1	557.6	3.50	4.00	1.63	YES
L0001002	0	0.99640E-08	465150.5	3784581.2	557.4	3.50	4.00	1.63	YES
L0001003	0	0.99640E-08	465156.9	3784575.4	557.2	3.50	4.00	1.63	YES
L0001004	0	0.99640E-08	465163.2	3784569.6	557.1	3.50	4.00	1.63	YES
L0001005	0	0.99640E-08	465169.5	3784563.8	557.0	3.50	4.00	1.63	YES
L0001006	0	0.99640E-08	465175.8	3784557.9	556.8	3.50	4.00	1.63	YES
L0001007	0	0.99640E-08	465182.1	3784552.1	556.6	3.50	4.00	1.63	YES
L0001008	0	0.99640E-08	465188.4	3784546.3	556.4	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
L0001009	0	0.99640E-08	465194.8	3784540.5	556.2	3.50	4.00	1.63	YES	
L0001010	0	0.99640E-08	465201.1	3784534.7	556.1	3.50	4.00	1.63	YES	
L0001011	0	0.99640E-08	465207.4	3784528.8	555.9	3.50	4.00	1.63	YES	
L0001012	0	0.99640E-08	465213.7	3784523.0	555.7	3.50	4.00	1.63	YES	
L0001013	0	0.99640E-08	465220.0	3784517.2	555.5	3.50	4.00	1.63	YES	

L0001014	0	0.99640E-08	465226.3	3784511.4	555.3	3.50	4.00	1.63	YES
L0001015	0	0.99640E-08	465232.7	3784505.5	555.2	3.50	4.00	1.63	YES
L0001016	0	0.99640E-08	465239.0	3784499.7	555.0	3.50	4.00	1.63	YES
L0001017	0	0.99640E-08	465245.3	3784493.9	554.8	3.50	4.00	1.63	YES
L0001018	0	0.99640E-08	465251.6	3784488.1	554.6	3.50	4.00	1.63	YES
L0001019	0	0.99640E-08	465257.9	3784482.3	554.5	3.50	4.00	1.63	YES
L0001020	0	0.99640E-08	465264.2	3784476.4	554.3	3.50	4.00	1.63	YES
L0001021	0	0.99640E-08	465270.6	3784470.6	554.1	3.50	4.00	1.63	YES
L0001022	0	0.99640E-08	465276.9	3784464.8	553.9	3.50	4.00	1.63	YES
L0001023	0	0.99640E-08	465283.2	3784459.0	553.7	3.50	4.00	1.63	YES
L0001024	0	0.99640E-08	465289.5	3784453.1	553.5	3.50	4.00	1.63	YES
L0001025	0	0.99640E-08	465295.8	3784447.3	553.3	3.50	4.00	1.63	YES
L0001026	0	0.99640E-08	465302.1	3784441.5	553.1	3.50	4.00	1.63	YES
L0001027	0	0.99640E-08	465308.5	3784435.7	552.9	3.50	4.00	1.63	YES
L0001028	0	0.99640E-08	465314.8	3784429.9	552.7	3.50	4.00	1.63	YES
L0001029	0	0.99640E-08	465321.1	3784424.0	552.5	3.50	4.00	1.63	YES
L0001030	0	0.99640E-08	465327.4	3784418.2	552.4	3.50	4.00	1.63	YES
L0001031	0	0.99640E-08	465333.7	3784412.4	552.2	3.50	4.00	1.63	YES
L0001032	0	0.99640E-08	465340.0	3784406.6	552.0	3.50	4.00	1.63	YES
L0001033	0	0.99640E-08	465346.4	3784400.7	551.8	3.50	4.00	1.63	YES
L0001034	0	0.99640E-08	465352.7	3784394.9	551.5	3.50	4.00	1.63	YES
L0001035	0	0.99640E-08	465359.0	3784389.1	551.3	3.50	4.00	1.63	YES
L0001036	0	0.99640E-08	465365.3	3784383.3	551.0	3.50	4.00	1.63	YES
L0001037	0	0.99640E-08	465371.6	3784377.5	550.8	3.50	4.00	1.63	YES
L0001038	0	0.99640E-08	465377.9	3784371.6	550.6	3.50	4.00	1.63	YES
L0001039	0	0.99640E-08	465384.3	3784365.8	550.3	3.50	4.00	1.63	YES
L0001040	0	0.99640E-08	465390.6	3784360.0	550.1	3.50	4.00	1.63	YES
L0001041	0	0.99640E-08	465396.9	3784354.2	549.9	3.50	4.00	1.63	YES
L0001042	0	0.99640E-08	465403.2	3784348.3	549.6	3.50	4.00	1.63	YES
L0001043	0	0.39900E-09	465412.9	3784338.3	549.3	3.50	4.00	1.63	YES
L0001044	0	0.39900E-09	465419.2	3784332.4	549.1	3.50	4.00	1.63	YES
L0001045	0	0.39900E-09	465425.5	3784326.6	548.9	3.50	4.00	1.63	YES
L0001046	0	0.39900E-09	465431.7	3784320.7	548.6	3.50	4.00	1.63	YES
L0001047	0	0.39900E-09	465438.0	3784314.8	548.4	3.50	4.00	1.63	YES
L0001048	0	0.39900E-09	465444.3	3784309.0	548.3	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
L0001049	0	0.39900E-09	465450.6	3784303.1	548.1	3.50	4.00	1.63	YES	
L0001050	0	0.39900E-09	465456.8	3784297.3	547.9	3.50	4.00	1.63	YES	

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L0001051         0   0.39900E-09  465463.1 3784291.4   547.6     3.50     4.00     1.63     YES
L0001052         0   0.39900E-09  465469.4 3784285.5   547.5     3.50     4.00     1.63     YES
L0001053         0   0.39900E-09  465475.7 3784279.7   547.4     3.50     4.00     1.63     YES
L0001054         0   0.39900E-09  465482.0 3784273.8   547.2     3.50     4.00     1.63     YES
L0001055         0   0.39900E-09  465488.2 3784267.9   547.0     3.50     4.00     1.63     YES
L0001056         0   0.39900E-09  465494.5 3784262.1   546.8     3.50     4.00     1.63     YES
L0001057         0   0.39900E-09  465500.8 3784256.2   546.7     3.50     4.00     1.63     YES
L0001058         0   0.39900E-09  465507.1 3784250.3   546.5     3.50     4.00     1.63     YES
L0001059         0   0.39900E-09  465513.4 3784244.5   546.3     3.50     4.00     1.63     YES
L0001060         0   0.39900E-09  465519.6 3784238.6   546.1     3.50     4.00     1.63     YES
L0001061         0   0.39900E-09  465525.9 3784232.8   545.9     3.50     4.00     1.63     YES
L0001062         0   0.39900E-09  465532.2 3784226.9   545.7     3.50     4.00     1.63     YES
L0001063         0   0.39900E-09  465538.5 3784221.0   545.5     3.50     4.00     1.63     YES
L0001064         0   0.39900E-09  465544.8 3784215.2   545.4     3.50     4.00     1.63     YES
L0001065         0   0.39900E-09  465551.0 3784209.3   545.2     3.50     4.00     1.63     YES
L0001066         0   0.39900E-09  465557.3 3784203.4   545.0     3.50     4.00     1.63     YES
L0001067         0   0.39900E-09  465563.6 3784197.6   544.8     3.50     4.00     1.63     YES
L0001068         0   0.39900E-09  465569.8 3784191.6   544.7     3.50     4.00     1.63     YES
L0001069         0   0.39900E-09  465576.0 3784185.7   544.5     3.50     4.00     1.63     YES
L0001070         0   0.39900E-09  465582.3 3784179.8   544.3     3.50     4.00     1.63     YES
L0001071         0   0.39900E-09  465588.5 3784173.9   544.2     3.50     4.00     1.63     YES
L0001072         0   0.39900E-09  465595.4 3784168.8   544.0     3.50     4.00     1.63     YES
L0001073         0   0.39900E-09  465602.5 3784164.1   543.8     3.50     4.00     1.63     YES
L0001074         0   0.39900E-09  465609.7 3784159.3   543.6     3.50     4.00     1.63     YES
L0001075         0   0.39900E-09  465616.9 3784154.6   543.4     3.50     4.00     1.63     YES
L0001076         0   0.39900E-09  465624.0 3784149.8   543.3     3.50     4.00     1.63     YES
L0001077         0   0.39900E-09  465631.4 3784145.5   543.1     3.50     4.00     1.63     YES
L0001078         0   0.39900E-09  465638.9 3784141.1   543.0     3.50     4.00     1.63     YES
L0001079         0   0.39900E-09  465646.3 3784136.8   542.8     3.50     4.00     1.63     YES
L0001080         0   0.39900E-09  465653.7 3784132.5   542.6     3.50     4.00     1.63     YES
L0001081         0   0.39900E-09  465661.1 3784128.1   542.4     3.50     4.00     1.63     YES
L0001082         0   0.39900E-09  465668.5 3784123.8   542.2     3.50     4.00     1.63     YES
L0001083         0   0.39900E-09  465675.9 3784119.5   541.9     3.50     4.00     1.63     YES
L0001084         0   0.39900E-09  465683.4 3784115.1   541.7     3.50     4.00     1.63     YES
L0001085         0   0.39900E-09  465690.8 3784110.8   541.5     3.50     4.00     1.63     YES
L0001086         0   0.39900E-09  465698.2 3784106.5   541.2     3.50     4.00     1.63     YES
L0001087         0   0.39900E-09  465705.6 3784102.1   541.0     3.50     4.00     1.63     YES
L0001088         0   0.39900E-09  465713.0 3784097.8   540.8     3.50     4.00     1.63     YES

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2041-2054                               ***        20:01:58
                                                                                                                PAGE   7
*** 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0001089	0	0.39900E-09	465720.4	3784093.5	540.6	3.50	4.00	1.63	YES
L0001090	0	0.39900E-09	465727.8	3784089.1	540.4	3.50	4.00	1.63	YES
L0001091	0	0.39900E-09	465735.3	3784084.8	540.2	3.50	4.00	1.63	YES
L0001092	0	0.39900E-09	465742.7	3784080.4	540.0	3.50	4.00	1.63	YES
L0001093	0	0.39900E-09	465750.1	3784076.1	539.8	3.50	4.00	1.63	YES
L0001094	0	0.39900E-09	465757.5	3784071.8	539.6	3.50	4.00	1.63	YES
L0001095	0	0.39900E-09	465764.9	3784067.4	539.4	3.50	4.00	1.63	YES
L0001096	0	0.39900E-09	465772.3	3784063.1	539.2	3.50	4.00	1.63	YES
L0001097	0	0.39900E-09	465779.8	3784058.8	539.1	3.50	4.00	1.63	YES
L0001098	0	0.39900E-09	465787.2	3784054.4	538.9	3.50	4.00	1.63	YES
L0001099	0	0.39900E-09	465794.6	3784050.1	538.7	3.50	4.00	1.63	YES
L0001100	0	0.39900E-09	465802.0	3784045.8	538.6	3.50	4.00	1.63	YES
L0001101	0	0.39900E-09	465809.4	3784041.4	538.4	3.50	4.00	1.63	YES
L0001102	0	0.39900E-09	465816.8	3784037.1	538.3	3.50	4.00	1.63	YES
L0001103	0	0.39900E-09	465824.3	3784032.8	538.1	3.50	4.00	1.63	YES
L0001104	0	0.39900E-09	465831.7	3784028.4	537.9	3.50	4.00	1.63	YES
L0001105	0	0.39900E-09	465839.1	3784024.1	537.8	3.50	4.00	1.63	YES
L0001106	0	0.39900E-09	465846.5	3784019.7	537.6	3.50	4.00	1.63	YES
L0001107	0	0.39900E-09	465853.9	3784015.4	537.5	3.50	4.00	1.63	YES
L0001108	0	0.39900E-09	465861.3	3784011.1	537.3	3.50	4.00	1.63	YES
L0001109	0	0.39900E-09	465868.8	3784006.7	537.2	3.50	4.00	1.63	YES
L0001110	0	0.39900E-09	465876.2	3784002.4	537.0	3.50	4.00	1.63	YES
L0001111	0	0.39900E-09	465883.6	3783998.1	536.8	3.50	4.00	1.63	YES
L0001112	0	0.39900E-09	465891.0	3783993.7	536.7	3.50	4.00	1.63	YES
L0001113	0	0.39900E-09	465898.4	3783989.4	536.5	3.50	4.00	1.63	YES
L0001114	0	0.39900E-09	465905.8	3783985.1	536.4	3.50	4.00	1.63	YES
L0001115	0	0.39900E-09	465913.3	3783980.7	536.2	3.50	4.00	1.63	YES
L0001116	0	0.39900E-09	465920.7	3783976.4	536.1	3.50	4.00	1.63	YES
L0001117	0	0.39900E-09	465928.1	3783972.1	535.9	3.50	4.00	1.63	YES
L0001118	0	0.39900E-09	465935.5	3783967.7	535.8	3.50	4.00	1.63	YES
L0001119	0	0.39900E-09	465942.9	3783963.4	535.7	3.50	4.00	1.63	YES
L0001120	0	0.39900E-09	465950.3	3783959.0	535.6	3.50	4.00	1.63	YES
L0001121	0	0.39900E-09	465957.8	3783954.7	535.4	3.50	4.00	1.63	YES
L0001122	0	0.39900E-09	465965.2	3783950.4	535.3	3.50	4.00	1.63	YES
L0001123	0	0.39900E-09	465972.6	3783946.0	535.2	3.50	4.00	1.63	YES
L0001124	0	0.39900E-09	465980.0	3783941.7	535.1	3.50	4.00	1.63	YES
L0001125	0	0.39900E-09	465987.4	3783937.4	535.0	3.50	4.00	1.63	YES
L0001126	0	0.39900E-09	465994.8	3783933.0	534.8	3.50	4.00	1.63	YES
L0001127	0	0.39900E-09	466002.3	3783928.7	534.7	3.50	4.00	1.63	YES
L0001128	0	0.39900E-09	466009.7	3783924.4	534.6	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
L0001129	0	0.39900E-09	466017.1	3783920.0	534.4	3.50	4.00	1.63	YES	
L0001130	0	0.39900E-09	466024.5	3783915.7	534.3	3.50	4.00	1.63	YES	
L0001131	0	0.39900E-09	466031.9	3783911.4	534.2	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 , STCK6 , 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 , 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 ,

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           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    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	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 ,

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

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , 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 , 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 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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 ,

*** 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	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	22.9,	233.7,	131.0,	6.0,	-121.2,	6	22.9,	243.1,	165.4,	8.9,	-106.8,
7	22.9,	245.1,	194.7,	11.5,	-89.1,	8	22.9,	239.7,	218.1,	13.7,	-68.7,
9	22.9,	226.9,	234.9,	15.6,	-46.2,	10	22.9,	207.3,	244.6,	16.9,	-22.4,
11	22.9,	181.4,	246.8,	17.8,	2.2,	12	22.9,	150.0,	241.6,	18.1,	26.7,
13	22.9,	114.0,	229.0,	17.9,	50.4,	14	22.9,	131.0,	233.7,	4.4,	71.5,
15	22.9,	165.4,	243.1,	-14.8,	91.5,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	22.9,	233.7,	131.0,	-137.0,	121.2,	24	22.9,	243.1,	165.4,	-174.2,	106.8,
25	22.9,	245.1,	194.7,	-206.2,	89.1,	26	22.9,	239.7,	218.1,	-231.8,	68.7,
27	22.9,	226.9,	234.9,	-250.5,	46.2,	28	22.9,	207.3,	244.6,	-261.5,	22.4,
29	22.9,	181.4,	246.8,	-264.6,	-2.2,	30	22.9,	150.0,	241.6,	-259.6,	-26.7,
31	22.9,	114.0,	229.0,	-246.8,	-50.4,	32	22.9,	131.0,	233.7,	-238.1,	-71.5,
33	22.9,	165.4,	243.1,	-228.4,	-91.5,	34	0.0,	0.0,	0.0,	0.0,	0.0,
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	22.9,	244.6,	207.3,	-165.0,	-27.4,	2	22.9,	246.8,	181.4,	-146.3,	-37.9,
3	22.9,	241.6,	150.0,	-123.1,	-47.1,	4	22.9,	229.0,	114.0,	-96.2,	-55.0,
5	22.9,	233.7,	131.0,	-95.8,	-60.7,	6	22.9,	243.1,	165.4,	-101.8,	-64.8,
7	22.9,	245.1,	194.7,	-104.8,	-67.0,	8	22.9,	239.7,	218.1,	-104.7,	-67.1,
9	22.9,	226.9,	234.9,	-101.3,	-65.2,	10	22.9,	207.3,	244.6,	-94.9,	-61.3,
11	22.9,	181.4,	246.8,	-85.5,	-55.6,	12	22.9,	150.0,	241.6,	-73.6,	-48.2,
13	22.9,	114.0,	229.0,	-59.5,	-39.3,	14	22.9,	131.0,	233.7,	-56.2,	-30.2,

15	22.9,	165.4,	243.1,	-56.8,	-19.2,	16	22.9,	194.7,	245.1,	-55.6,	-7.5,
17	22.9,	218.1,	239.7,	-52.7,	4.4,	18	22.9,	234.9,	226.9,	-48.2,	16.2,
19	22.9,	244.6,	207.3,	-42.3,	27.4,	20	22.9,	246.8,	181.4,	-35.1,	37.9,
21	22.9,	241.6,	150.0,	-26.8,	47.1,	22	22.9,	229.0,	114.0,	-17.7,	55.0,
23	22.9,	233.7,	131.0,	-35.2,	60.7,	24	22.9,	243.1,	165.4,	-63.5,	64.8,
25	22.9,	245.1,	194.7,	-89.8,	67.0,	26	22.9,	239.7,	218.1,	-113.5,	67.1,
27	22.9,	226.9,	234.9,	-133.6,	65.2,	28	22.9,	207.3,	244.6,	-149.7,	61.3,
29	22.9,	181.4,	246.8,	-161.3,	55.6,	30	22.9,	150.0,	241.6,	-167.9,	48.2,
31	22.9,	114.0,	229.0,	-169.5,	39.3,	32	22.9,	131.0,	233.7,	-177.5,	30.2,
33	22.9,	165.4,	243.1,	-186.4,	19.2,	34	22.9,	194.7,	245.1,	-189.5,	7.5,
35	22.9,	218.1,	239.7,	-187.0,	-4.4,	36	22.9,	234.9,	226.9,	-178.7,	-16.2,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	-145.0,	4.8,	2	22.9,	246.8,	181.4,	-132.2,	-2.6,
3	22.9,	241.6,	150.0,	-115.4,	-10.0,	4	22.9,	229.0,	114.0,	-95.1,	-17.1,
5	22.9,	233.7,	131.0,	-101.2,	-23.1,	6	22.9,	243.1,	165.4,	-113.7,	-28.7,
7	22.9,	245.1,	194.7,	-122.8,	-33.5,	8	22.9,	239.7,	218.1,	-128.2,	-37.3,
9	22.9,	226.9,	234.9,	-129.6,	-39.9,	10	22.9,	207.3,	244.6,	-127.1,	-41.3,
11	22.9,	181.4,	246.8,	-120.8,	-41.5,	12	22.9,	150.0,	241.6,	-110.8,	-40.4,
13	22.9,	114.0,	229.0,	-97.4,	-38.1,	14	22.9,	131.0,	233.7,	-93.8,	-35.7,
15	22.9,	165.4,	243.1,	-92.8,	-31.0,	16	22.9,	194.7,	245.1,	-89.0,	-25.4,
17	22.9,	218.1,	239.7,	-82.5,	-19.1,	18	22.9,	234.9,	226.9,	-73.6,	-12.1,
19	22.9,	244.6,	207.3,	-62.3,	-4.8,	20	22.9,	246.8,	181.4,	-49.2,	2.6,
21	22.9,	241.6,	150.0,	-34.6,	10.0,	22	22.9,	229.0,	114.0,	-18.9,	17.1,
23	22.9,	233.7,	131.0,	-29.8,	23.1,	24	22.9,	243.1,	165.4,	-51.6,	28.7,
25	22.9,	245.1,	194.7,	-71.9,	33.5,	26	22.9,	239.7,	218.1,	-90.0,	37.3,
27	22.9,	226.9,	234.9,	-105.3,	39.9,	28	22.9,	207.3,	244.6,	-117.5,	41.3,
29	22.9,	181.4,	246.8,	-126.0,	41.5,	30	22.9,	150.0,	241.6,	-130.8,	40.4,
31	22.9,	114.0,	229.0,	-131.5,	38.1,	32	22.9,	131.0,	233.7,	-139.9,	35.7,
33	22.9,	165.4,	243.1,	-150.3,	31.0,	34	22.9,	194.7,	245.1,	-156.1,	25.4,
35	22.9,	218.1,	239.7,	-157.1,	19.1,	36	22.9,	234.9,	226.9,	-153.4,	12.1,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	-127.4,	33.3,	2	22.9,	246.8,	181.4,	-119.8,	28.5,
3	22.9,	241.6,	150.0,	-108.5,	22.8,	4	22.9,	229.0,	114.0,	-94.0,	16.4,
5	22.9,	233.7,	131.0,	-105.9,	10.1,	6	22.9,	243.1,	165.4,	-124.2,	3.1,
7	22.9,	245.1,	194.7,	-138.6,	-4.0,	8	22.9,	239.7,	218.1,	-148.9,	-11.0,
9	22.9,	226.9,	234.9,	-154.6,	-17.6,	10	22.9,	207.3,	244.6,	-155.6,	-23.7,
11	22.9,	181.4,	246.8,	-151.9,	-29.1,	12	22.9,	150.0,	241.6,	-143.6,	-33.6,
13	22.9,	114.0,	229.0,	-130.9,	-37.0,	14	22.9,	131.0,	233.7,	-126.9,	-40.4,
15	22.9,	165.4,	243.1,	-124.6,	-41.5,	16	22.9,	194.7,	245.1,	-118.5,	-41.3,
17	22.9,	218.1,	239.7,	-108.8,	-39.8,	18	22.9,	234.9,	226.9,	-95.9,	-37.1,
19	22.9,	244.6,	207.3,	-80.0,	-33.3,	20	22.9,	246.8,	181.4,	-61.6,	-28.5,
21	22.9,	241.6,	150.0,	-41.4,	-22.8,	22	22.9,	229.0,	114.0,	-20.0,	-16.4,
23	22.9,	233.7,	131.0,	-25.0,	-10.1,	24	22.9,	243.1,	165.4,	-41.2,	-3.1,
25	22.9,	245.1,	194.7,	-56.1,	4.0,	26	22.9,	239.7,	218.1,	-69.3,	11.0,
27	22.9,	226.9,	234.9,	-80.4,	17.6,	28	22.9,	207.3,	244.6,	-89.0,	23.7,

29	22.9,	181.4,	246.8,	-94.9,	29.1,	30	22.9,	150.0,	241.6,	-98.0,	33.6,
31	22.9,	114.0,	229.0,	-98.1,	37.0,	32	22.9,	131.0,	233.7,	-106.8,	40.4,
33	22.9,	165.4,	243.1,	-118.5,	41.5,	34	22.9,	194.7,	245.1,	-126.6,	41.3,
35	22.9,	218.1,	239.7,	-130.8,	39.8,	36	22.9,	234.9,	226.9,	-131.1,	37.1,

*** 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	22.9,	244.6,	207.3,	-107.7,	63.8,	2	22.9,	246.8,	181.4,	-105.7,	61.9,
3	22.9,	241.6,	150.0,	-100.5,	58.2,	4	22.9,	229.0,	114.0,	-92.3,	52.6,
5	22.9,	233.7,	131.0,	-110.5,	46.0,	6	22.9,	243.1,	165.4,	-134.9,	37.7,
7	22.9,	245.1,	194.7,	-155.2,	28.2,	8	22.9,	239.7,	218.1,	-170.8,	17.9,
9	22.9,	226.9,	234.9,	-181.2,	7.0,	10	22.9,	207.3,	244.6,	-186.1,	-4.1,
11	22.9,	181.4,	246.8,	-185.3,	-15.0,	12	22.9,	150.0,	241.6,	-179.0,	-25.5,
13	22.9,	114.0,	229.0,	-167.1,	-35.3,	14	22.9,	131.0,	233.7,	-162.9,	-45.0,
15	22.9,	165.4,	243.1,	-159.3,	-52.2,	16	22.9,	194.7,	245.1,	-150.8,	-57.9,
17	22.9,	218.1,	239.7,	-137.7,	-61.8,	18	22.9,	234.9,	226.9,	-120.5,	-63.8,
19	22.9,	244.6,	207.3,	-99.6,	-63.8,	20	22.9,	246.8,	181.4,	-75.7,	-61.9,
21	22.9,	241.6,	150.0,	-49.4,	-58.2,	22	22.9,	229.0,	114.0,	-21.7,	-52.6,
23	22.9,	233.7,	131.0,	-20.5,	-46.0,	24	22.9,	243.1,	165.4,	-30.4,	-37.7,
25	22.9,	245.1,	194.7,	-39.5,	-28.2,	26	22.9,	239.7,	218.1,	-47.3,	-17.9,
27	22.9,	226.9,	234.9,	-53.7,	-7.0,	28	22.9,	207.3,	244.6,	-58.5,	4.1,
29	22.9,	181.4,	246.8,	-61.5,	15.0,	30	22.9,	150.0,	241.6,	-62.6,	25.5,
31	22.9,	114.0,	229.0,	-61.8,	35.3,	32	22.9,	131.0,	233.7,	-70.8,	45.0,
33	22.9,	165.4,	243.1,	-83.8,	52.2,	34	22.9,	194.7,	245.1,	-94.3,	57.9,
35	22.9,	218.1,	239.7,	-101.9,	61.8,	36	22.9,	234.9,	226.9,	-106.4,	63.8,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	22.9,	244.6,	207.3,	9.0,	76.6,	2	22.9,	246.8,	181.4,	7.0,	94.8,
3	22.9,	241.6,	150.0,	4.8,	110.1,	4	22.9,	229.0,	114.0,	2.4,	122.1,
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	0.0,	0.0,	0.0,	0.0,	0.0,
7	0.0,	0.0,	0.0,	0.0,	0.0,	8	0.0,	0.0,	0.0,	0.0,	0.0,
9	22.9,	226.9,	234.9,	-173.6,	124.2,	10	22.9,	207.3,	244.6,	-198.9,	112.7,
11	22.9,	181.4,	246.8,	-218.2,	97.7,	12	22.9,	150.0,	241.6,	-230.9,	79.8,
13	22.9,	114.0,	229.0,	-236.6,	59.4,	14	22.9,	131.0,	233.7,	-247.8,	36.2,
15	22.9,	165.4,	243.1,	-256.9,	13.0,	16	22.9,	194.7,	245.1,	-258.3,	-10.6,
17	22.9,	218.1,	239.7,	-251.8,	-33.8,	18	22.9,	234.9,	226.9,	-237.7,	-56.1,
19	22.9,	244.6,	207.3,	-216.3,	-76.6,	20	22.9,	246.8,	181.4,	-188.4,	-94.8,
21	22.9,	241.6,	150.0,	-154.8,	-110.1,	22	22.9,	229.0,	114.0,	-116.4,	-122.1,
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	0.0,	0.0,	0.0,	0.0,	0.0,
25	0.0,	0.0,	0.0,	0.0,	0.0,	26	0.0,	0.0,	0.0,	0.0,	0.0,

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  27   22.9,  226.9,  234.9,  -61.4, -124.2,     28   22.9,  207.3,  244.6,  -45.7, -112.7,
  29   22.9,  181.4,  246.8,  -28.6,  -97.7,     30   22.9,  150.0,  241.6,  -10.7,  -79.8,
  31   22.9,  114.0,  229.0,    7.6,  -59.4,     32   22.9,  131.0,  233.7,   14.0,  -36.2,
  33   22.9,  165.4,  243.1,   13.8,  -13.0,     34   22.9,  194.7,  245.1,   13.2,   10.6,
  35   22.9,  218.1,  239.7,   12.2,   33.8,     36   22.9,  234.9,  226.9,   10.8,   56.1,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

465048.8, 465098.8, 465148.8, 465198.8, 465248.8, 465298.8, 465348.8, 465398.8, 465448.8, 465498.8,
465548.8, 465598.8, 465648.8, 465698.8, 465748.8, 465798.8, 465848.8, 465898.8, 465948.8, 465998.8,
466048.8,

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

3783804.9, 3783854.9, 3783904.9, 3783954.9, 3784004.9, 3784054.9, 3784104.9, 3784154.9, 3784204.9, 3784254.9,
3784304.9, 3784354.9, 3784404.9, 3784454.9, 3784504.9, 3784554.9, 3784604.9, 3784654.9, 3784704.9, 3784754.9,
3784804.9,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	561.70	560.80	560.80	559.70	558.10	557.00	556.20	555.50	554.90
3784754.94	561.30	560.80	559.90	559.20	558.30	556.60	555.60	554.80	554.20
3784704.94	560.70	560.10	559.10	558.20	557.60	556.80	555.30	554.30	553.60
3784654.94	559.90	559.20	558.40	557.40	556.60	556.10	555.30	553.80	553.00
3784604.94	559.80	558.60	557.60	556.80	555.90	555.10	554.50	553.80	552.60
3784554.94	558.50	558.20	557.30	556.30	555.30	554.30	553.40	552.90	552.30
3784504.94	557.50	556.80	556.60	555.90	554.80	553.80	552.80	551.90	551.30
3784454.94	556.30	556.00	555.20	555.00	554.50	553.30	552.30	551.20	550.40

3784404.94	555.30	554.70	554.20	553.90	553.50	552.80	551.80	550.50	549.70
3784354.94	554.50	553.70	553.30	552.80	551.90	550.70	551.30	549.80	548.80
3784304.94	551.80	552.80	552.30	551.80	551.10	549.20	549.10	549.50	548.20
3784254.94	550.00	550.50	551.40	551.00	550.40	549.70	547.30	547.30	548.20
3784204.94	549.80	549.60	549.90	550.20	549.50	548.90	547.80	546.70	547.10
3784154.94	549.60	549.40	549.20	549.20	549.00	548.20	547.30	546.50	546.50
3784104.94	549.40	549.20	549.00	548.80	548.80	548.20	546.60	546.00	545.40
3784054.94	549.30	549.10	548.90	548.80	548.70	546.60	544.60	544.80	544.40
3784004.94	549.10	548.90	548.80	548.80	546.90	542.10	541.90	542.10	543.20
3783954.94	548.60	548.80	548.70	547.80	542.40	540.90	541.00	541.20	541.40
3783904.94	546.90	548.10	548.00	543.40	540.90	540.70	540.60	540.60	540.70
3783854.94	545.20	546.30	544.00	540.90	540.70	540.60	540.40	540.20	540.20
3783804.94	545.60	543.90	541.20	540.80	540.60	540.40	540.20	540.00	539.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	554.10	552.60	551.50	551.30	551.00	552.60	553.90	553.90	554.40
3784754.94	553.40	552.20	550.60	550.30	550.40	551.80	552.00	552.30	552.60
3784704.94	552.80	551.90	550.70	549.30	549.50	550.40	550.30	550.70	550.60
3784654.94	552.10	551.20	550.50	549.10	548.20	548.70	548.80	549.00	549.00
3784604.94	551.70	550.60	549.50	548.80	547.80	547.00	547.40	547.30	547.30
3784554.94	551.10	550.20	549.00	548.00	547.60	546.50	546.10	545.80	545.90
3784504.94	550.80	549.60	548.70	547.70	547.00	546.60	545.50	544.00	544.60
3784454.94	549.80	549.20	548.20	547.30	546.30	545.60	545.20	544.60	542.90
3784404.94	548.90	548.30	547.60	546.60	545.60	544.80	545.50	544.00	542.80
3784354.94	548.20	547.50	546.70	546.00	544.90	545.50	544.20	543.00	542.20
3784304.94	547.40	546.70	545.80	545.20	544.50	546.00	542.70	541.90	541.70
3784254.94	546.70	545.90	545.10	544.60	545.00	543.20	542.10	541.40	541.30
3784204.94	546.70	545.20	544.30	543.80	544.90	542.30	541.70	540.90	540.30
3784154.94	545.80	545.00	543.80	543.00	542.20	541.30	540.90	540.40	539.60
3784104.94	544.40	543.90	543.60	542.30	541.20	540.30	539.80	539.20	539.00
3784054.94	543.50	542.40	542.40	541.70	540.60	539.60	538.80	538.20	537.70
3784004.94	542.90	541.90	541.20	540.90	539.90	538.90	538.00	537.30	536.80
3783954.94	541.90	541.50	540.60	539.80	539.60	538.20	537.20	536.50	535.80
3783904.94	540.90	540.90	540.00	539.20	538.70	538.20	536.70	535.50	535.00
3783854.94	540.00	539.50	538.90	538.50	537.60	537.10	536.60	535.00	534.20
3783804.94	539.20	538.60	537.90	537.40	536.70	535.90	535.50	534.80	534.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	554.60	554.70	555.90
3784754.94	553.00	553.20	556.70
3784704.94	551.30	551.80	553.30
3784654.94	549.70	550.30	549.70
3784604.94	547.90	548.00	548.30
3784554.94	546.10	545.20	545.20
3784504.94	544.80	544.80	544.70
3784454.94	542.50	542.50	543.70
3784404.94	542.10	540.90	540.60
3784354.94	541.60	540.50	539.80
3784304.94	541.20	539.40	538.90
3784254.94	540.20	538.70	538.40
3784204.94	539.00	538.20	538.00
3784154.94	538.30	537.80	537.60
3784104.94	538.20	537.40	537.10
3784054.94	537.60	536.90	536.50
3784004.94	536.30	536.30	535.60
3783954.94	535.50	535.20	535.00
3783904.94	535.00	534.30	533.90
3783854.94	534.60	533.40	532.90
3783804.94	533.60	532.50	531.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465048.85	465098.85	465148.85	465198.85	465248.85	465298.85	465348.85	465398.85	465448.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784754.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784704.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784654.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784604.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

3784554.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784504.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784454.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784404.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784354.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784304.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784254.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784204.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784154.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784104.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784054.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3784004.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783954.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783904.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783854.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40
3783804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40	2731.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 465498.85	465548.85	465598.85	465648.85	465698.85	465748.85	465798.85	465848.85	465898.85
3784804.94	2731.40	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30
3784754.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784704.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784654.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784604.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784554.94	2731.40	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30
3784504.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784454.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784404.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784354.94	2731.40	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784304.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784254.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784204.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784154.94	2731.40	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784104.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784054.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3784004.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783954.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783904.94	2731.40	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	465948.85	465998.85	466048.85
3784804.94	2697.30	2697.30	2697.30
3784754.94	2697.30	2697.30	2697.30
3784704.94	2697.30	2697.30	2697.30
3784654.94	2697.30	2697.30	2697.30
3784604.94	2697.30	2697.30	2697.30
3784554.94	2697.30	2697.30	2697.30
3784504.94	2697.30	2697.30	2697.30
3784454.94	2697.30	2697.30	2697.30
3784404.94	2697.30	2697.30	2697.30
3784354.94	2697.30	2697.30	2697.30
3784304.94	2697.30	2697.30	2697.30
3784254.94	2697.30	2697.30	2697.30
3784204.94	2697.30	2697.30	2697.30
3784154.94	2697.30	2697.30	2697.30
3784104.94	2697.30	2697.30	2697.30
3784054.94	2697.30	2697.30	2697.30
3784004.94	2697.30	2697.30	2697.30
3783954.94	2697.30	2697.30	2697.30
3783904.94	2697.30	2697.30	2697.30
3783854.94	2697.30	2697.30	2697.30
3783804.94	2697.30	2697.30	2697.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(465880.4,	3784256.8,	541.3,	2697.3,	0.0);	(466015.0,	3784107.2,	537.3,	2697.3,	0.0);
(465704.1,	3784142.8,	541.7,	2697.3,	0.0);	(465678.4,	3784091.3,	541.4,	2697.3,	0.0);
(465693.7,	3784082.8,	541.0,	2697.3,	0.0);	(465868.8,	3784044.5,	537.8,	2697.3,	0.0);
(465947.5,	3783995.4,	536.1,	2697.3,	0.0);	(465977.3,	3783975.9,	535.7,	2697.3,	0.0);
(465263.0,	3784529.3,	554.8,	2731.4,	0.0);	(465227.0,	3784549.9,	555.7,	2731.4,	0.0);

*** 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)
L0000949	465548.8	3784404.9	0.37
L0000950	465548.8	3784404.9	-6.16
L0000951	465548.8	3784404.9	0.29
L0000958	465598.8	3784354.9	-6.53
L0000959	465598.8	3784354.9	-1.93
L0000966	465648.8	3784304.9	-3.17
L0000967	465648.8	3784304.9	-2.54
L0001024	465298.8	3784454.9	0.91
L0001025	465298.8	3784454.9	-0.40
L0001032	465348.8	3784404.9	0.36
L0001033	465348.8	3784404.9	-3.72
L0001041	465398.8	3784354.9	-6.49
L0001042	465398.8	3784354.9	-0.69
L0001048	465448.8	3784304.9	-2.51
L0001049	465448.8	3784304.9	-6.09
L0001056	465498.8	3784254.9	-0.26
L0001057	465498.8	3784254.9	-6.27
L0001058	465498.8	3784254.9	0.83
L0001065	465548.8	3784204.9	-3.72
L0001066	465548.8	3784204.9	-0.01
L0001086	465698.8	3784104.9	-6.94
L0001087	465698.8	3784104.9	-1.29
L0001099	465798.8	3784054.9	-2.16
L0001120	465948.8	3783954.9	-4.23
L0001121	465948.8	3783954.9	0.31

*** 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
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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\FONT_V9_ADJU\FONT_v9.SFC   Met Version: 16216
Profile file: E:\New MET data\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3102   Upper air station no.: 3190
Name: UNKNOWN   Name: UNKNOWN
Year: 2011   Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5

```
11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20   77.    9.1  278.8    5.5
11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   53.    9.1  277.5    5.5
11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20   58.    9.1  277.5    5.5
11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80   64.    9.1  277.5    5.5
11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90   52.    9.1  277.0    5.5


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

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

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                          ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2041-2054                               ***        20:01:58
                                                                                                                PAGE  26
*** 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       ,
               STCK6       , L0000929    , L0000930    , L0000931    , L0000932    , L0000933    , L0000934    , L0000935    ,
               L0000936    , L0000937    , L0000938    , L0000939    , L0000940    , L0000941    , L0000942    , L0000943    ,
               L0000944    , L0000945    , L0000946    , L0000947    , L0000948    , L0000949    , L0000950    ,  . . .      ,

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

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

   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     465048.85    465098.85    465148.85    465198.85    465248.85    465298.85    465348.85    465398.85    465448.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00003      0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006
 3784754.94 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00007
 3784704.94 |       0.00005      0.00006      0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008
 3784654.94 |       0.00011      0.00012      0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00010
 3784604.94 |       0.00007      0.00013      0.00015      0.00010      0.00009      0.00010      0.00010      0.00011      0.00012
 3784554.94 |       0.00006      0.00008      0.00014      0.00018      0.00012      0.00012      0.00013      0.00014      0.00016
 3784504.94 |       0.00006      0.00008      0.00010      0.00015      0.00022      0.00016      0.00017      0.00019      0.00022
 3784454.94 |       0.00007      0.00008      0.00009      0.00012      0.00017      0.00022      0.00023      0.00027      0.00036
 3784404.94 |       0.00007      0.00008      0.00010      0.00012      0.00015      0.00022      0.00032      0.00041      0.00056
 3784354.94 |       0.00008      0.00009      0.00010      0.00013      0.00016      0.00022      0.00034      0.00047      0.00047
 3784304.94 |       0.00008      0.00009      0.00011      0.00014      0.00017      0.00024      0.00037      0.00056      0.00052
 3784254.94 |       0.00009      0.00011      0.00012      0.00015      0.00019      0.00025      0.00035      0.00049      0.00054
 3784204.94 |       0.00010      0.00011      0.00013      0.00016      0.00020      0.00025      0.00034      0.00045      0.00051
 3784154.94 |       0.00010      0.00012      0.00014      0.00017      0.00020      0.00025      0.00032      0.00040      0.00049
 3784104.94 |       0.00011      0.00012      0.00014      0.00017      0.00020      0.00025      0.00030      0.00035      0.00039
 3784054.94 |       0.00011      0.00012      0.00014      0.00017      0.00020      0.00024      0.00028      0.00031      0.00033
 3784004.94 |       0.00011      0.00013      0.00014      0.00017      0.00019      0.00022      0.00025      0.00027      0.00028
 3783954.94 |       0.00011      0.00012      0.00014      0.00016      0.00018      0.00020      0.00022      0.00024      0.00024
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 3783904.94 |       0.00011      0.00012      0.00014      0.00016      0.00017      0.00019      0.00020      0.00021      0.00020
 3783854.94 |       0.00011      0.00012      0.00014      0.00015      0.00016      0.00017      0.00018      0.00018      0.00018
 3783804.94 |       0.00011      0.00012      0.00013      0.00014      0.00015      0.00016      0.00016      0.00016      0.00015

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                              ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2041-2054                                   ***        20:01:58
                                                                                                                    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       ,
               STCK6       , L0000929    , L0000930    , L0000931    , L0000932    , L0000933    , L0000934    , L0000935    ,
               L0000936    , L0000937    , L0000938    , L0000939    , L0000940    , L0000941    , L0000942    , L0000943    ,
               L0000944    , L0000945    , L0000946    , L0000947    , L0000948    , L0000949    , L0000950    ,  . . .      ,

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

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

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     465498.85    465548.85    465598.85    465648.85    465698.85    465748.85    465798.85    465848.85    465898.85
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3784804.94 |       0.00006      0.00006      0.00007      0.00007      0.00007      0.00007      0.00008      0.00009      0.00010
 3784754.94 |       0.00007      0.00007      0.00008      0.00008      0.00009      0.00009      0.00010      0.00011      0.00012
 3784704.94 |       0.00008      0.00009      0.00009      0.00010      0.00011      0.00011      0.00013      0.00014      0.00016
 3784654.94 |       0.00010      0.00011      0.00012      0.00013      0.00014      0.00015      0.00018      0.00019      0.00021
 3784604.94 |       0.00013      0.00014      0.00015      0.00017      0.00019      0.00022      0.00024      0.00026      0.00027
 3784554.94 |       0.00017      0.00019      0.00021      0.00024      0.00028      0.00031      0.00033      0.00033      0.00032
 3784504.94 |       0.00027      0.00030      0.00033      0.00038      0.00042      0.00043      0.00042      0.00039      0.00036
 3784454.94 |       0.00052      0.00052      0.00063      0.00072      0.00064      0.00057      0.00050      0.00043      0.00036
 3784404.94 |       0.00053      0.00074      0.00093      0.00091      0.00092      0.00066      0.00053      0.00043      0.00035
 3784354.94 |       0.00066      0.00097      0.00118      0.00110      0.00093      0.00070      0.00048      0.00037      0.00030
 3784304.94 |       0.00069      0.00094      0.00101      0.00095      0.00072      0.00056      0.00037      0.00029      0.00024
 3784254.94 |       0.00062      0.00068      0.00065      0.00061      0.00058      0.00039      0.00028      0.00023      0.00019
 3784204.94 |       0.00057      0.00057      0.00052      0.00077      0.00050      0.00031      0.00023      0.00019      0.00016
 3784154.94 |       0.00053      0.00057      0.00053      0.00043      0.00033      0.00023      0.00018      0.00015      0.00013
 3784104.94 |       0.00042      0.00044      0.00040      0.00029      0.00022      0.00018      0.00015      0.00013      0.00011
 3784054.94 |       0.00034      0.00032      0.00027      0.00022      0.00018      0.00015      0.00013      0.00011      0.00010
 3784004.94 |       0.00028      0.00025      0.00021      0.00018      0.00015      0.00013      0.00011      0.00010      0.00009
 3783954.94 |       0.00023      0.00020      0.00017      0.00015      0.00013      0.00011      0.00010      0.00009      0.00008
 3783904.94 |       0.00019      0.00017      0.00015      0.00013      0.00011      0.00010      0.00009      0.00008      0.00007
 3783854.94 |       0.00016      0.00014      0.00013      0.00011      0.00010      0.00009      0.00008      0.00008      0.00007
 3783804.94 |       0.00014      0.00012      0.00011      0.00010      0.00009      0.00008      0.00008      0.00007      0.00006

*** AERMOD - VERSION 22112  ***   *** 19529 Kendall Drive Industrial Building                              ***        06/28/23
*** AERMET - VERSION  16216 ***   *** DPM Concentrations 14YR 2041-2054                                   ***        20:01:58
                                                                                                                    PAGE  28
*** 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 ,
STCK6 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 ,
L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 ,
L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 465948.85	465998.85	466048.85
3784804.94	0.00011	0.00012	0.00013
3784754.94	0.00014	0.00015	0.00015
3784704.94	0.00017	0.00018	0.00018
3784654.94	0.00022	0.00022	0.00021
3784604.94	0.00026	0.00025	0.00023
3784554.94	0.00030	0.00027	0.00024
3784504.94	0.00032	0.00028	0.00024
3784454.94	0.00031	0.00026	0.00023
3784404.94	0.00028	0.00024	0.00020
3784354.94	0.00024	0.00021	0.00018
3784304.94	0.00020	0.00017	0.00015
3784254.94	0.00016	0.00014	0.00013
3784204.94	0.00014	0.00012	0.00011
3784154.94	0.00012	0.00010	0.00009
3784104.94	0.00010	0.00009	0.00008
3784054.94	0.00009	0.00008	0.00007
3784004.94	0.00008	0.00007	0.00007
3783954.94	0.00008	0.00007	0.00006
3783904.94	0.00007	0.00006	0.00006
3783854.94	0.00006	0.00006	0.00005
3783804.94	0.00006	0.00005	0.00005

*** 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 ,
STCK6 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 ,
L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 ,
L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , . . . ,

*** 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
465880.41	3784256.82	0.00020	466014.95	3784107.23	0.00009
465704.15	3784142.82	0.00028	465678.44	3784091.28	0.00023
465693.74	3784082.76	0.00020	465868.82	3784044.54	0.00010
465947.51	3783995.44	0.00008	465977.35	3783975.95	0.00007
465263.00	3784529.31	0.00014	465226.95	3784549.93	0.00014

*** 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	0.00118 AT (465598.85, 3784354.94, 546.70, 2731.40, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00110 AT (465648.85, 3784354.94, 546.00, 2697.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00101 AT (465598.85, 3784304.94, 545.80, 2697.30, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00097 AT (465548.85, 3784354.94, 547.50, 2731.40, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00095 AT (465648.85, 3784304.94, 545.20, 2697.30, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00094 AT (465548.85, 3784304.94, 546.70, 2731.40, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00093 AT (465598.85, 3784404.94, 547.60, 2731.40, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00093 AT (465698.85, 3784354.94, 544.90, 2697.30, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00092 AT (465698.85, 3784404.94, 545.60, 2697.30, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00091 AT (465648.85, 3784404.94, 546.60, 2697.30, 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           13 Warning Message(s)
A Total of          838 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of           40 Calm Hours Identified

A Total of          798 Missing Hours Identified (  1.82 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320     311        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     312        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     313        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     314        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     315        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320     316        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     763       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     763       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                    12113003
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

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

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