

APPLE VALLEY TRUCK AND TRAILER FACILITY HEALTH RISK ASSESSMENT ANALYSIS

Town of Apple Valley

April 14, 2025



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

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prepared by
Katie Wilson, MS



GANDDINI GROUP INC.

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

Project No. 19763

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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 Apple Valley Truck and Trailer Facility project and to identify measures that may be necessary to reduce potentially significant impacts.

The analysis contained in this report shows that none of the sensitive receptors in the project vicinity would be exposed to cancer risks from project operation in excess of 10 in a million. Therefore, impacts would be 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 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.

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

The Town of Apple Valley 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 14.86-acre project site (APN: 0440-014-11) is located on the southside of Waalew Road between Ramona Street and Navajo Road in the Town of Apple Valley, California. The project site is currently vacant and zoned Planned Industrial (I-P). A vicinity map showing the project location is provided on Figure 1.

PROJECT DESCRIPTION

The proposed project involves the development of truck and trailer parking lot with 426 truck/trailer parking spaces (12' by 55') and three standard parking spaces (9' x 19'). Vehicle access for the project site is proposed via gated access to Waalew Road. Figure 2 illustrates the proposed site plan.

PHASING AND TIMING

To be consistent with the traffic analysis, the HRA was modeled as being operational in 2026.

SENSITIVE RECEPTORS IN PROJECT VICINITY

Sensitive receptors include residential land uses, schools, day care centers, and other places where people reside, including prisons. The project site is bordered by Waalew Road to the north, existing single-family residential uses and Soboba Road to the east, vacant land to the south, and an existing single-family residential use to the west of the project site.

There is an existing non-conforming single-family building on property zoned for industrial land uses immediately west of the project site; and several single-family homes located along the eastern project boundary that are on parcels zoned for residential land uses.¹ The existing single-family residence located just north of the project site is located within the North Apple Valley Industrial Specific Plan and is designated for industrial land uses.

¹ Town of Apple Valley General Plan Land Use Map, Exhibit II-2

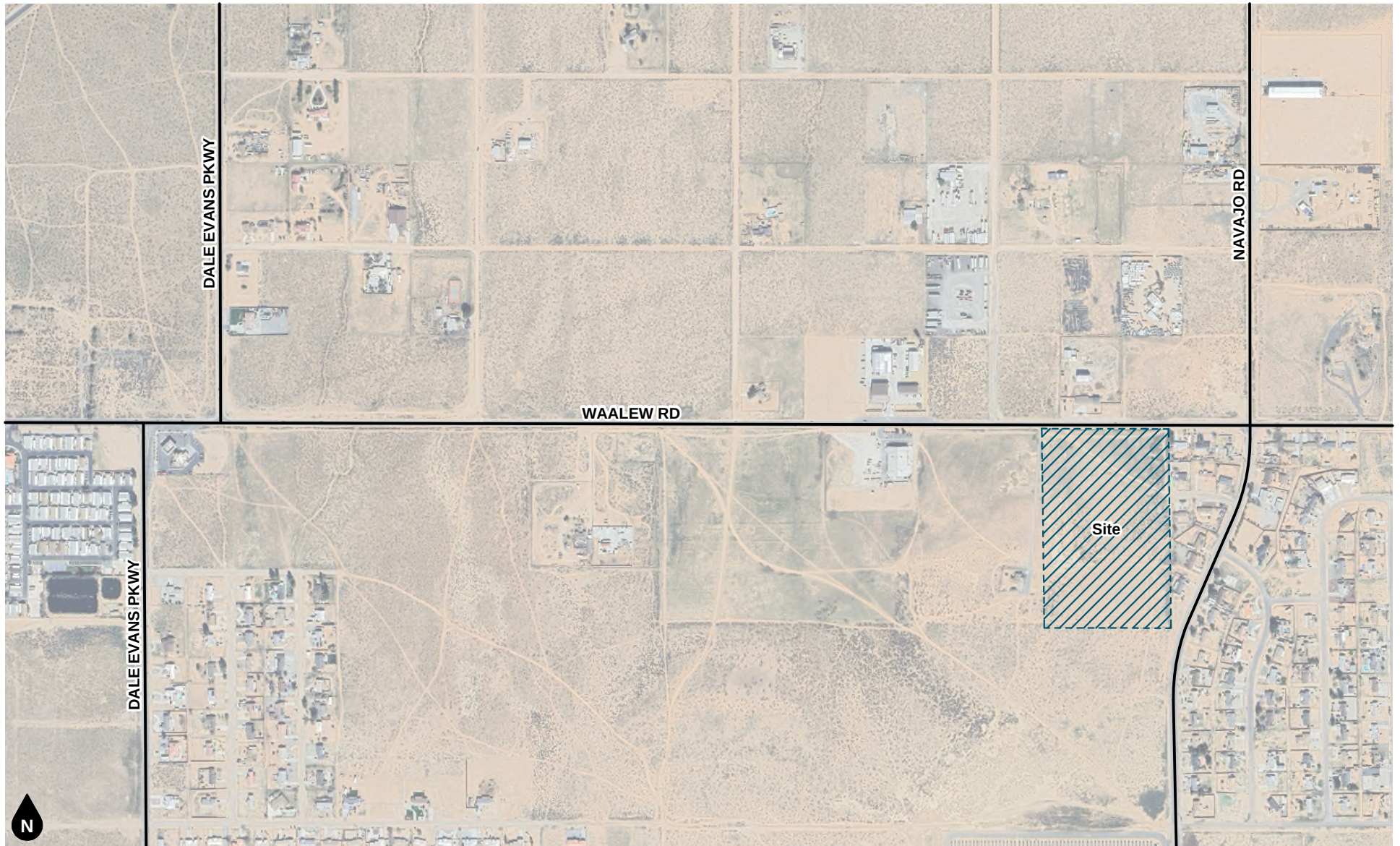


Figure 1
Project Location Map

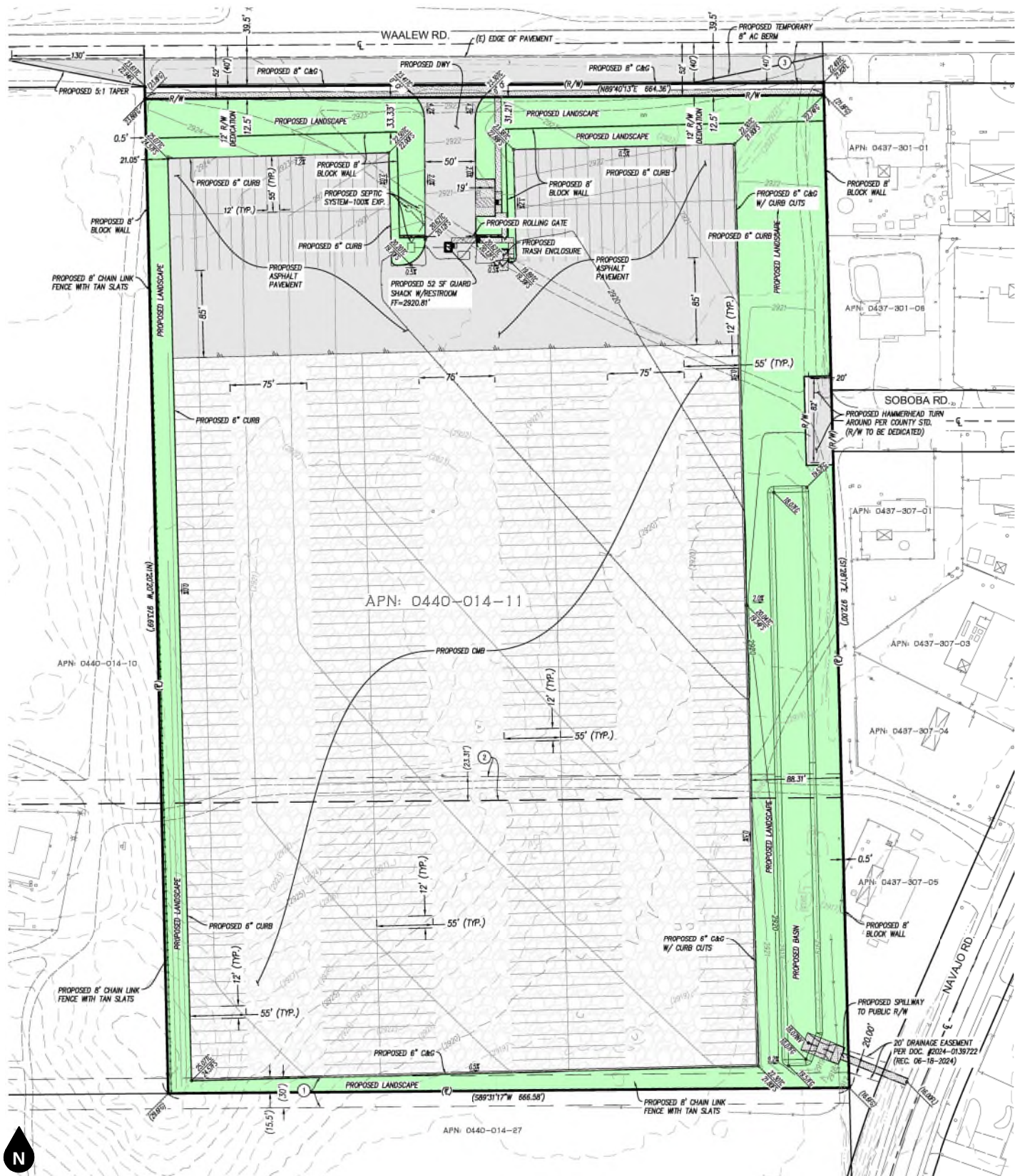


Figure 2
Site Plan

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 PM_{2.5} 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 risks². The most recent summary is the CARB Air Quality Almanac for 2013 (CARB 2013). The Almanac presents the relevant concentration and

² 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.

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 San Bernardino 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 76 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 were required to be upgraded to 2010 engines and newer trucks are thereafter required to be replaced over the next eight years. Older, more polluting trucks were required to be replaced first, while trucks that already have relatively clean 2007-2009 engines were 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 Truck and Bus Regulation is necessary to meet federal attainment standards. This regulation requires heavy-duty diesel vehicles that operate in California to reduce TACs emissions from their exhaust. Diesel exhaust is responsible for 70% of the cancer risk from airborne toxics. Therefore, by January 1, 2023, nearly all trucks and buses were required to have 2010 or newer model year engines to reduce particulate matter (PM) and oxides of nitrogen (NOx) emissions. To help ensure that the benefits of this regulation are achieved, in 2020, only vehicles compliant with this regulation were allowed to be registered by the California Department of Motor Vehicles (DMV).

As heavy-duty on-road vehicles are such a significant source of pollutants, the Truck and Bus Regulation is one of the most far-reaching and important tools to reduce smog-forming and toxic emissions and protect public health in disadvantaged communities. It is a key element in CARB's Diesel Risk reduction plan and the State Implementation Plan, both of which are designed to provide clean air for Californians by helping to meet state and federal health-protective standards. On January 1, 2020, Senate Bill 1 only allowed vehicles compliant with this regulation to be registered by the California Department of Motor Vehicles (DMV).

Senate Bill 1, the [Road Repair and Accountability Act of 2017](#), was signed into law on April 28, 2017. This legislative package invests \$5.4 billion annually to fix roads, freeways and bridges in communities across California and puts more dollars toward transit and safety. These funds will be split equally between state and local investments.

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. The latest 2022 amendments to the Emissions Inventory Criteria and Guidelines (EICG) regulation expanded reporting sources, established phase-in schedules, strengthened source test requirements, and updated air toxics chemical list, were approved by the Office of Administrative Law and filed with the Secretary of State on March 21, 2022. The EICG effective date was March 21, 2022.

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. In September 2023, CARB updated the Statewide Strategy, which is required to be updated once every five years.

Regional

The project site is located in the Town of Apple Valley, which is part of the Mojave Desert Air Basin (MDAB). The MDAB includes the desert portions of Los Angeles, Kern, San Bernardino, and Riverside Counties. Most of this area is commonly referred to as the high desert because elevations range from approximately 2,000 to 5,000 feet above mean sea level. The MDAB is generally above the regional inversion layer and experiences relatively good dispersion conditions.

The Project is also located within the Mojave Desert Air Quality Management District (MDAQMD), which includes the following San Bernardino County communities: Phelan, Hesperia, Adelanto, Victorville, Apple

Valley, Barstow, Joshua Tree, Yucca Valley, and Twentynine Palms (the southwestern portion of the MDAQMD).

MDAQMD

As the air pollution control agency for San Bernardino County's High Desert and Riverside County's Palo Verde Valley, the MDAQMD has primary responsibility for regulating stationary sources of air pollution located within its jurisdictional boundaries. The MDAQMD implements air quality programs required by state and federal mandates, enforces rules and regulations based on air pollution laws and educates businesses and residents about their role in protecting air quality and the risks of air pollution. The MDAQMD is authorized to perform these duties under the California Health and Safety Code, Division 26, Part 3, Chapter 13, Article 4, § 41230-41233.

In addition to attaining and maintaining air quality standards set by State and Federal Governments, the MDAQMD 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.

MDAQMD Rule 402 - Nuisance

This rule prohibits the discharge of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any such persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property.

MDAQMD Rule 431 – Sulfur Content of Liquid Fuels

The purpose of this rule is to limit the sulfur content in diesel and other liquid fuels for the purpose of reducing the formation of SOx and particulates during combustion and of enabling the use of add-on control devices for diesel-fueled internal combustion engines. The rule applies to all refiners, importers, and other fuel suppliers such as distributors, marketers, and retailers, as well as to users of diesel, low-sulfur diesel, and other liquid fuels for stationary-source applications in the MDAQMD. The rule also affects diesel fuel supplied for mobile sources.

Health Risk Significant Thresholds

According to the MDAQMD CEQA and Federal Conformity Guidelines, 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 Project exposes sensitive receptors to substantial pollutant concentrations, including those resulting in a cancer risk greater than or equal to 10 in a million; and/or
- A Hazard Index (HI) (non-cancerous) risk of 1 or greater.

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 a proposed truck and trailer facility and will be a source of operational toxic air contaminants; therefore, an HRA was conducted.

3. DIESEL EMISSIONS HEALTH RISK ASSESSMENT

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 MDAQMD 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 *Apple Valley Truck and Trailer Facility Trip Generation Analysis* prepared by Ganddini Group, Inc. (April 2, 2025) ("TGA").

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 TGA showed the project is expected to generate approximately 465 (non-passenger car equivalents) vehicle trips per day. Of those vehicle trips, 186 are automobile round trips, 18 are 2-axle truck round trips, 129 are 3-axle truck round trips, and 132 are 4+-axle truck round trips per day. The total number of project truck trips per day is 279.

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. To be consistent with the TIA, the emissions factors were derived for San Bernardino County for year 2026.

Emissions factors were estimated to establish the emissions generated while the vehicles travel off-site, along travel links from the entrance/exit driveway around the parking lot, and while idling at the entrance/exit gate. 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. Trucks were assumed to idle for a maximum of 15 minutes per vehicle per day (5 minutes per location: at the entrance and exit driveways), 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 2026 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 (existing non-conforming single-family building on property zoned for industrial land uses immediately west of the project site; the single-family homes located along the eastern project boundary that are on parcels zoned for residential land uses, at the existing single-family residence located just north of the project and at existing residential uses located along Dale Evans Parkway, north and south Waalew Road. Sensitive receptors are shown as orange triangles labeled 1 through 14. The direction of on-site and off-site truck travel was obtained from the site plan and the *Apple Valley Truck and Trailer Facility Traffic Impact Analysis* prepared by Ganddini Group, Inc. (October 14, 2024) (“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 the closest existing sensitive receptors surrounding the proposed project (as detailed above). In addition, to ensure that impacts to all receptors in the project vicinity were captured, 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 MDAQMD 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 13.0.0, MPI version No. 23132, 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 an estimated building height of 14 feet for the guard shack.

Meteorological Data

AERMOD-ready meteorological data was obtained from CARB³ and the Barstow-Daggett Airport monitoring site was selected for this modeling application. Five full years of sequential meteorological data was collected at the site from January 1, 2015 to December 31, 2020 by the CARB for the MDAQMD. The Windrose for the Barstow-Daggett Airport is shown in 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 (OEHHHA) in February 2015 and formally adopted in March 2015, the residential inhalation dose for cancer risk assessment should be calculated using the following formula:

³ Source: <https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files>

$[\text{Dose-air (mg)/(Kg-day)}] * \text{Cancer Potency} * [1 \times 10^{-6}] = \text{Potential Cancer Risk}$

Where:

Cancer Potency Factor = 1.1

$\text{Dose-inh} = (\text{C-air} * \text{DBR} * A * \text{EF} * \text{ED} * \text{ASF} * \text{FAH} * 10^{-6}) / \text{AT}$

Where:

Cair [Concentration in air ($\mu\text{g}/\text{m}^3$)] = (Calculated by AERMOD Model)

DBR [Daily breathing rate (L/kg body weight – day)] = 335 for adults, 745 for children, and 1,090 for infants, and 361 for 3rd trimester per OEHHA methodology.

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, children (2-16 years).

Table 4 shows the cancer risk for the unborn child during the 3rd trimester (0.25-year), 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 7 shows the cancer risk as that child becomes an adult (years 16-30). The highest cancer risk corresponds to children 2-16 years (see Table 6), and is at receptor 7, with maximum risks of 5.318 in one million. The maximum 3rd trimester (0.25-year) cancer risk is at receptor 7; with a maximum cancer risk of 0.153 in a million. The highest infant (0-2 years) cancer risk is at receptor 7; with a maximum risk of 3.705 in one million. The highest adult (16-30 years) cancer risk is also at receptor 7; with a maximum risk of 0.582 in one million. Therefore, no unborn children, infants, children, or adults would be exposed to cancer risks in excess of 10 in a million.

The assessment of cumulative 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 9.76 in a million at receptor location 7, as shown in Table 8. Therefore, as the maximum incremental cancer risk (MICR) does not exceed 10 in a million at the closest sensitive receptor locations in the project vicinity, no sensitive receptors would experience a significant impact due to the cancer risk from diesel emissions created by the proposed project. Impacts would be considered to be less than significant.

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 $\mu\text{g}/\text{m}^3$.
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 4 through 7 column (j). The RELDPM is $5 \mu\text{g}/\text{m}^3$. The Office of Environmental Health Hazard Assessment as protective for the respiratory system has established this concentration. Using the maximum DPM concentration from opening year (2026) emissions, the resulting Hazard Index is:

$$HIDPM = 0.01128 / 5 = 0.0023$$

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	(Opening Year-2026)		
	Idling (g/hr)	On-Site Travel (g/mi)	Off-Site Travel (g/mi)
Light Heavy Duty Truck 2	0.04702	0.05029	0.01946
Medium Heavy Duty Truck	0.02675	0.03207	0.00660
Heavy Heavy Duty Truck	0.01146	0.01179	0.00773

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 sources: from the project driveway, east along Waalew Road, west along Waalew Road to Dale Evans Parkway, South along Navajo Road, North along Dale Evans Parkway, South on Dale Evans Parkway.
		Vehicle types: heavy-heavy-duty, medium-heavy-duty and light-heavy-duty diesel delivery trucks
On-Site Diesel Truck Traffic	Line Sources	Stack release height: 3.5 m
		Vehicle speed: 10 mph
		Length of the line source from the project driveway around the drive aisles of the parking area, and back to the exit gate.
		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 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	CARB Barstow-Daggett Airport Meteorological Data

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

Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m3) (b)	(mg/m3) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m3) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00213	2.1E-06	1.00E+00	DPM	1.1E+00	0.029	5.0E+00	1.4E-03	0.0004
2	0.00587	5.9E-06	1.00E+00	DPM	1.1E+00	0.080	5.0E+00	1.4E-03	0.0012
3	0.00757	7.6E-06	1.00E+00	DPM	1.1E+00	0.103	5.0E+00	1.4E-03	0.0015
4	0.00824	8.2E-06	1.00E+00	DPM	1.1E+00	0.112	5.0E+00	1.4E-03	0.0016
5	0.00567	5.7E-06	1.00E+00	DPM	1.1E+00	0.077	5.0E+00	1.4E-03	0.0011
6	0.00574	5.7E-06	1.00E+00	DPM	1.1E+00	0.078	5.0E+00	1.4E-03	0.0011
7	0.01128	1.1E-05	1.00E+00	DPM	1.1E+00	0.153	5.0E+00	1.4E-03	0.0023
8	0.00041	4.1E-07	1.00E+00	DPM	1.1E+00	0.006	5.0E+00	1.4E-03	0.0001
9	0.00192	1.9E-06	1.00E+00	DPM	1.1E+00	0.026	5.0E+00	1.4E-03	0.0004
10	0.00081	8.1E-07	1.00E+00	DPM	1.1E+00	0.011	5.0E+00	1.4E-03	0.0002
11	0.00586	5.9E-06	1.00E+00	DPM	1.1E+00	0.080	5.0E+00	1.4E-03	0.0012
12	0.00241	2.4E-06	1.00E+00	DPM	1.1E+00	0.033	5.0E+00	1.4E-03	0.0005
13	0.0005	5.0E-07	1.00E+00	DPM	1.1E+00	0.007	5.0E+00	1.4E-03	0.0001
14	0.00061	6.1E-07	1.00E+00	DPM	1.1E+00	0.008	5.0E+00	1.4E-03	0.0001

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-cancer) (days)	91.25

E = 10^X, i.e. E-02 = 10⁻²

Table 5
Carcinogenic Risks and Non-Carcinogenic Infant Exposure Scenario (0-2 Years)

Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m3) (b)	(mg/m3) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m3) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00213	2.1E-06	1.00E+00	DPM	1.1E+00	0.700	5.0E+00	1.4E-03	0.0004
2	0.00587	5.9E-06	1.00E+00	DPM	1.1E+00	1.928	5.0E+00	1.4E-03	0.0012
3	0.00757	7.6E-06	1.00E+00	DPM	1.1E+00	2.487	5.0E+00	1.4E-03	0.0015
4	0.00824	8.2E-06	1.00E+00	DPM	1.1E+00	2.707	5.0E+00	1.4E-03	0.0016
2	0.00567	5.7E-06	1.00E+00	DPM	1.1E+00	1.863	5.0E+00	1.4E-03	0.0011
6	0.00574	5.7E-06	1.00E+00	DPM	1.1E+00	1.886	5.0E+00	1.4E-03	0.0011
7	0.01128	1.1E-05	1.00E+00	DPM	1.1E+00	3.705	5.0E+00	1.4E-03	0.0023
8	0.00041	4.1E-07	1.00E+00	DPM	1.1E+00	0.135	5.0E+00	1.4E-03	0.0001
9	0.00192	1.9E-06	1.00E+00	DPM	1.1E+00	0.631	5.0E+00	1.4E-03	0.0004
10	0.00081	8.1E-07	1.00E+00	DPM	1.1E+00	0.266	5.0E+00	1.4E-03	0.0002
11	0.00586	5.9E-06	1.00E+00	DPM	1.1E+00	1.925	5.0E+00	1.4E-03	0.0012
12	0.00241	2.4E-06	1.00E+00	DPM	1.1E+00	0.792	5.0E+00	1.4E-03	0.0005
13	0.0005	5.0E-07	1.00E+00	DPM	1.1E+00	0.164	5.0E+00	1.4E-03	0.0001
14	0.00061	6.1E-07	1.00E+00	DPM	1.1E+00	0.200	5.0E+00	1.4E-03	0.0001

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-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		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m3) (b)	(mg/m3) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m3) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00213	2.1E-06	1.00E+00	DPM	1.1E+00	1.004	5.0E+00	1.4E-03	0.0004
2	0.00587	5.9E-06	1.00E+00	DPM	1.1E+00	2.768	5.0E+00	1.4E-03	0.0012
3	0.00757	7.6E-06	1.00E+00	DPM	1.1E+00	3.569	5.0E+00	1.4E-03	0.0015
4	0.00824	8.2E-06	1.00E+00	DPM	1.1E+00	3.885	5.0E+00	1.4E-03	0.0016
2	0.00567	5.7E-06	1.00E+00	DPM	1.1E+00	2.673	5.0E+00	1.4E-03	0.0011
6	0.00574	5.7E-06	1.00E+00	DPM	1.1E+00	2.706	5.0E+00	1.4E-03	0.0011
7	0.01128	1.1E-05	1.00E+00	DPM	1.1E+00	5.318	5.0E+00	1.4E-03	0.0023
8	0.00041	4.1E-07	1.00E+00	DPM	1.1E+00	0.193	5.0E+00	1.4E-03	0.0001
9	0.00192	1.9E-06	1.00E+00	DPM	1.1E+00	0.905	5.0E+00	1.4E-03	0.0004
10	0.00081	8.1E-07	1.00E+00	DPM	1.1E+00	0.382	5.0E+00	1.4E-03	0.0002
11	0.00586	5.9E-06	1.00E+00	DPM	1.1E+00	2.763	5.0E+00	1.4E-03	0.0012
12	0.00241	2.4E-06	1.00E+00	DPM	1.1E+00	1.136	5.0E+00	1.4E-03	0.0005
13	0.0005	5.0E-07	1.00E+00	DPM	1.1E+00	0.236	5.0E+00	1.4E-03	0.0001
14	0.00061	6.1E-07	1.00E+00	DPM	1.1E+00	0.288	5.0E+00	1.4E-03	0.0001

Notes:

OEHHA 95th percentile Exposure factors used to calculate TAC intake

Exposure Frequency (days/year)	350
Exposure Duration (years)	14
Daily Breathing Rate	745
Age Sensitivity Factor	3
Fraction of Time At Home (FAH)	1
Averaging Time _(cancer) (days)	25550
Averaging Time _(non-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		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m3) (b)	(mg/m3) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m3) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00213	2.1E-06	1.00E+00	DPM	1.1E+00	0.110	5.0E+00	1.4E-03	0.0004
2	0.00587	5.9E-06	1.00E+00	DPM	1.1E+00	0.303	5.0E+00	1.4E-03	0.0012
3	0.00757	7.6E-06	1.00E+00	DPM	1.1E+00	0.391	5.0E+00	1.4E-03	0.0015
4	0.00824	8.2E-06	1.00E+00	DPM	1.1E+00	0.425	5.0E+00	1.4E-03	0.0016
2	0.00567	5.7E-06	1.00E+00	DPM	1.1E+00	0.293	5.0E+00	1.4E-03	0.0011
6	0.00574	5.7E-06	1.00E+00	DPM	1.1E+00	0.296	5.0E+00	1.4E-03	0.0011
7	0.01128	1.1E-05	1.00E+00	DPM	1.1E+00	0.582	5.0E+00	1.4E-03	0.0023
8	0.00041	4.1E-07	1.00E+00	DPM	1.1E+00	0.021	5.0E+00	1.4E-03	0.0001
9	0.00192	1.9E-06	1.00E+00	DPM	1.1E+00	0.099	5.0E+00	1.4E-03	0.0004
10	0.00081	8.1E-07	1.00E+00	DPM	1.1E+00	0.042	5.0E+00	1.4E-03	0.0002
11	0.00586	5.9E-06	1.00E+00	DPM	1.1E+00	0.302	5.0E+00	1.4E-03	0.0012
12	0.00241	2.4E-06	1.00E+00	DPM	1.1E+00	0.124	5.0E+00	1.4E-03	0.0005
13	0.0005	5.0E-07	1.00E+00	DPM	1.1E+00	0.026	5.0E+00	1.4E-03	0.0001
14	0.00061	6.1E-07	1.00E+00	DPM	1.1E+00	0.031	5.0E+00	1.4E-03	0.0001

Notes:

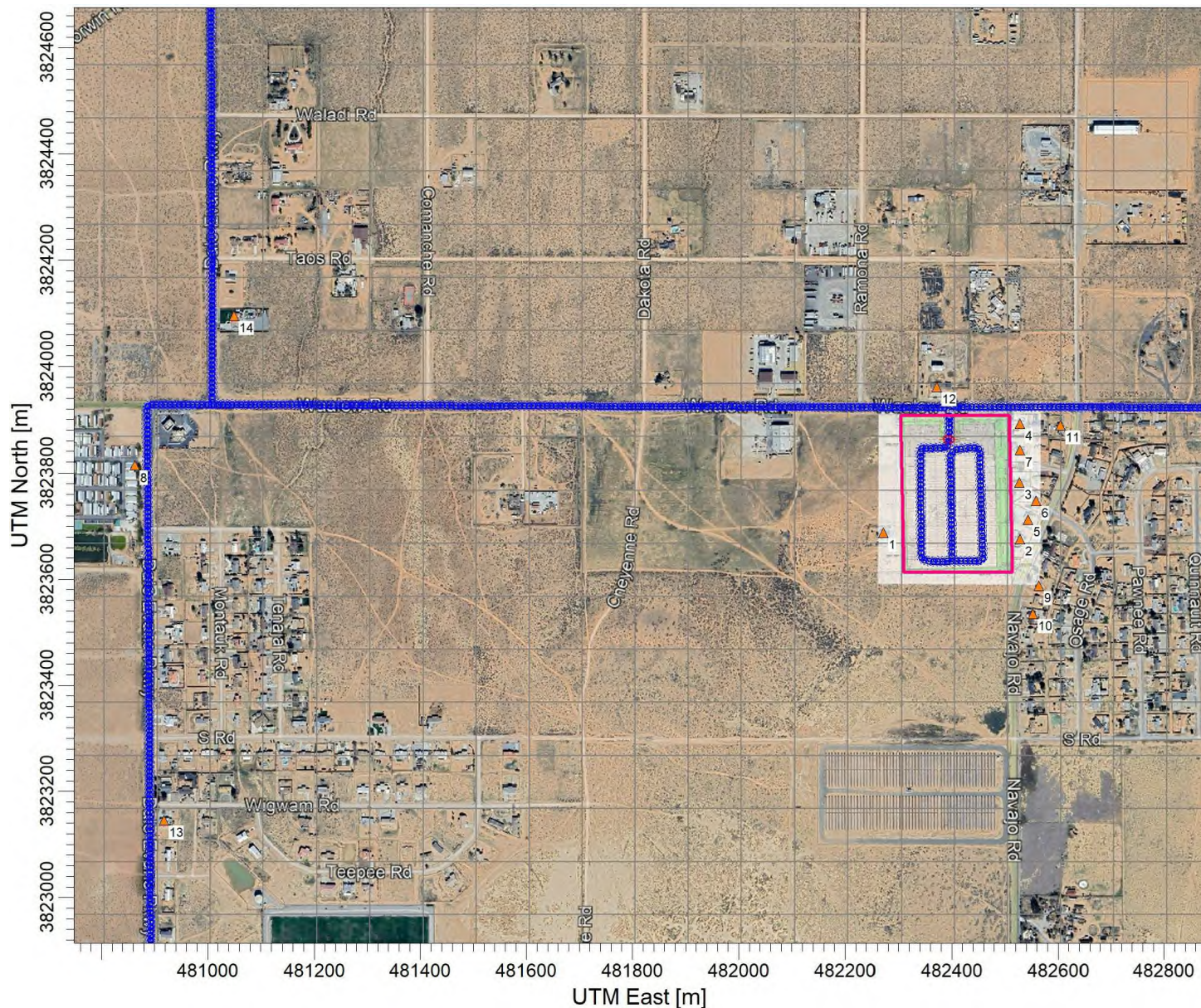
OEHHA 95th percentile Exposure factors used to calculate TAC intake

Exposure Frequency (days/year)	350
Exposure Duration (years)	14
Daily Breathing Rate	335
Age Sensitivity Factor	1
Fraction of Time At Home (FAH)	0.73
Averaging Time _(cancer) (days)	25550
Averaging Time _(non-cancer) (days)	5110

E= 10^X, i.e. E-02 = 10⁻²

Table 8
Cumulative Carcinogenic Risk 30.25-Year Exposure Scenario

Receptor ID	Cumulative RISK (per million)
1	1.84
2	5.08
3	6.55
4	7.13
5	4.91
6	4.97
7	9.76
8	0.35
9	1.66
10	0.70
11	5.07
12	2.09
13	0.43
14	0.53



Legend

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

Figure 3
AERMOD Model Source and Receptor Placement

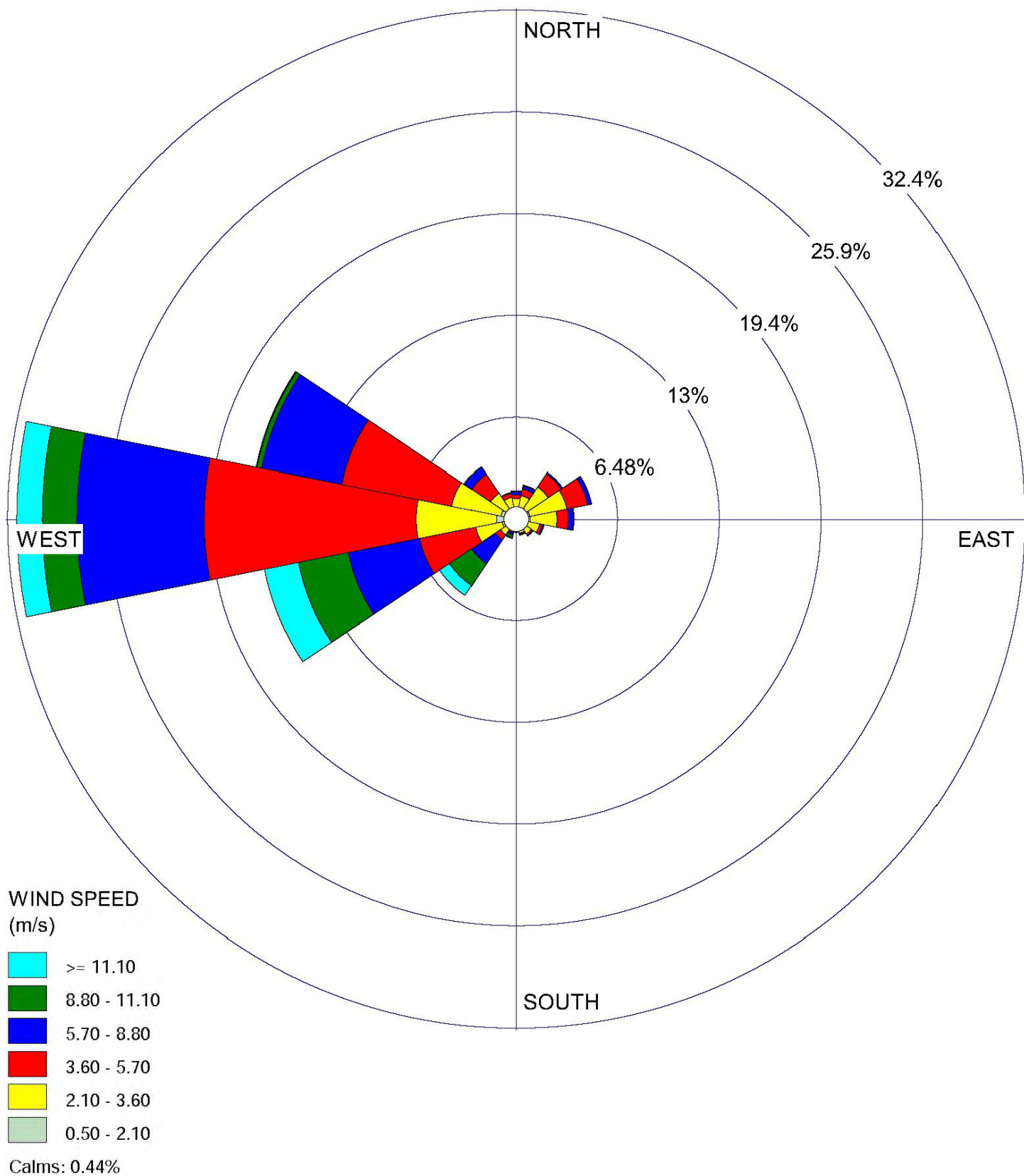
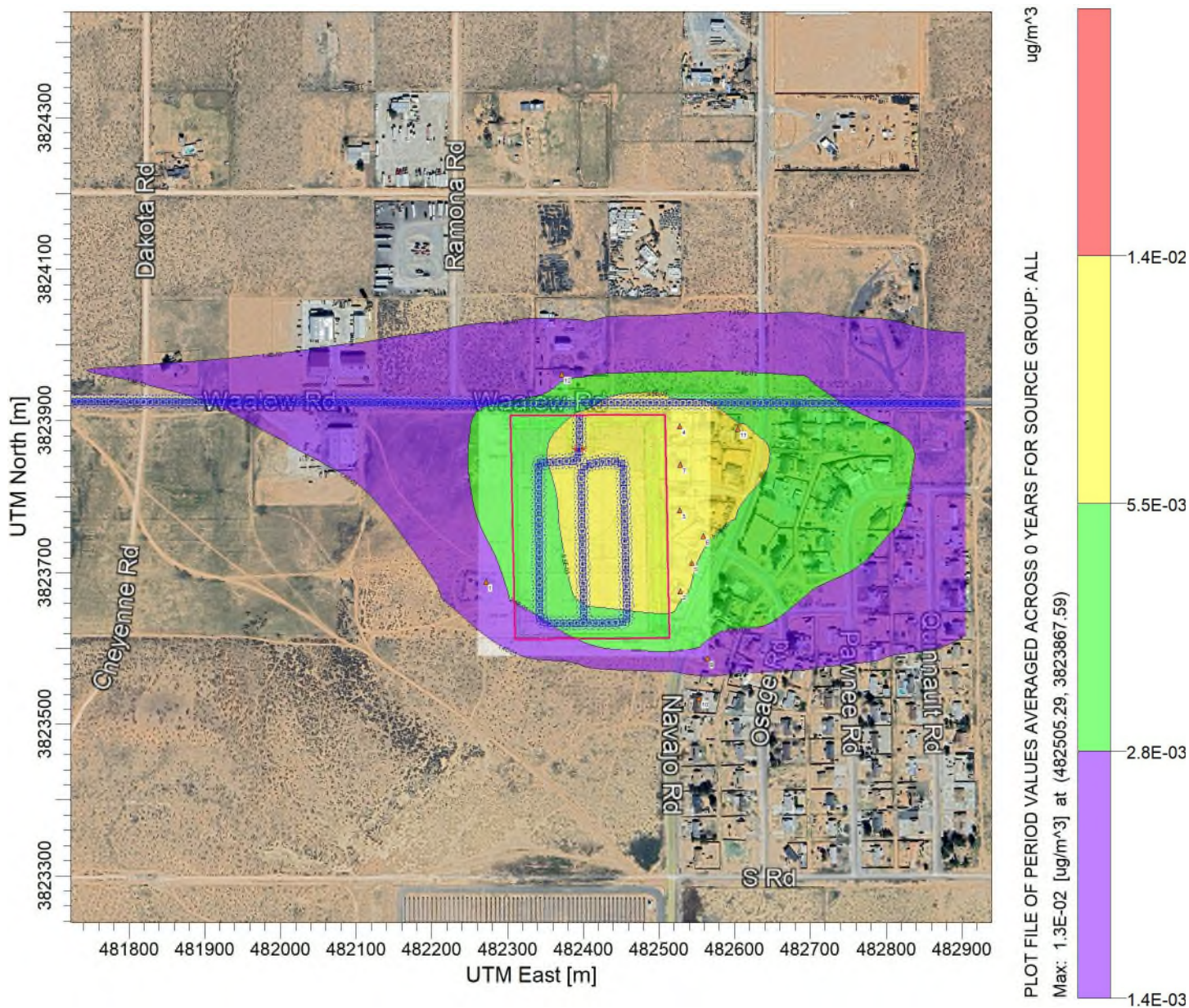


Figure 4
Windrose Barstow-Daggett Airport



Legend

Cancer Risk to Children (2-16 years)

- 5 in a million
- 2 in a million
- 1 in a million
- 0.5 in a million

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

4. MITIGATION MEASURES

No mitigation measures are 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.
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Ganddini Group, Inc.

2025 Apple Valley Truck and Trailer Facility Trip Generation Analysis. April 2, 2025.

2024 Apple Valley Truck and Trailer Facility Traffic Impact Analysis. October 14, 2024.

Office of Environmental Health Hazard Assessment

2015 Air Toxics Hot Spots Program Risk Assessment Guidelines

Mojave Desert Air Quality Management District

2020 California Environmental Quality Act (CEQA) And Federal Conformity Guidelines. February.

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
DPM	Diesel Particulate Matter
EPA	U.S. Environmental Protection Agency
HIDPM	Hazard Index Diesel Particulate Matter
MDAQMD	Mojave Desert Air Quality Management District
MPO	Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NO _x	Nitrogen Oxides
NO ₂	Nitrogen dioxide
N ₂ O	Nitrous oxide
OEHHA	Office of Environmental Health Hazard Assessment
O ₃	Ozone
OPR	Governor's Office of Planning and Research
PM	Particle matter
PM ₁₀	Particles that are less than 10 micrometers in diameter
PM _{2.5}	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
SO _x	Sulfur Oxides
TAC	Toxic air contaminants
VOC	Volatile organic compounds

APPENDIX B

HRA CALCULATIONS AND AERMOD MODEL PRINTOUT

Emission Assumptions **DPM** Emissions
Apple Valley Truck and Trailer Facility

Facility Operations

Buildout year: 2026

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 12 hours/day

(c) Height of Truck: 13.5 feet

(d) Release Height: 3.5 meters

Apple Valley Truck and Trailer Facility		Emission:	DPM										
Processes Modeled		Build-out:	2026										
Onsite delivery traffic													
Truck idling													
Offsite delivery traffic													
Facilities in Operation													
Location	Truck type	Daily trucks											
Project Site	HHDT	132											
Project Site	MHDT	129											
Project Site	LHDT2	18											
Total		279											
Delivery Schedule:													
		12 hrs/day, 52 weeks/year											
Emission Factors 1 Year (2025)		Onsite Exhaust (g/mi)	Offsite Exhaust (g/mi)	Idle (g/hr)									
Vehicle Class													
HHDT		0.01146	0.00773	0.01392									
MHDT		0.02675	0.00660	0.04976									
LHDT2		0.04702	0.01946	0.77754									
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)		
Entrance/exit driveway and around trailer parking areas	HHDT	0.01179	132	894.7	0.56	8.65E-01	2.00E-05	6.86E+00	1.90E-03	3.48E-04			
Entrance/exit driveway and around trailer parking areas	MHDT	0.03207	129	894.7	0.56	2.30E+00	5.32E-05	1.82E+01	5.07E-03	9.24E-04	8.49E-05	100% of trucks	
Entrance/exit driveway and around trailer parking areas	LHDT2	0.05029	18	894.7	0.56	5.03E-01	1.16E-05	3.99E+00	1.11E-03	2.02E-04			
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 entrance/exit gate	HHDT	0.01463	15	66	0.24	5.59E-06	4.43E-05	5.32E-04	9.71E-05		6.88E-05		
At entrance/exit gate	MHDT	0.06030	15	65	0.98	2.27E-05	1.80E-04	2.16E-03	3.94E-04				
At entrance/exit gate	LHDT2	0.77751	15	9	1.75	4.05E-05	3.21E-04	3.85E-03	7.03E-04		3.44E-05	per idling location (2 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)			
East along Waalew Road	HHDT	0.00797	132	494.6	0.31	3.23E-01	7.48E-06	2.56E+00	7.12E-04	1.30E-04	25% of trucks		
East along Waalew Road	MHDT	0.00769	129	494.6	0.31	3.05E-01	7.05E-06	2.42E+00	6.71E-04	1.22E-04	4.29E-06		
East along Waalew Road	LHDT2	0.02055	18	494.6	0.31	1.14E-01	2.63E-06	9.01E-01	2.50E-04	4.57E-05			
West along Waalew Road to Dale Evans Parkway	HHDT	0.00797	132	1385.5	0.86	9.05E-01	2.09E-05	7.18E+00	1.99E-03	3.64E-04	75% of trucks		
West along Waalew Road to Dale Evans Parkway	MHDT	0.00769	129	1385.5	0.86	8.54E-01	1.98E-05	6.77E+00	1.88E-03	3.43E-04	3.61E-05		
West along Waalew Road to Dale Evans Parkway	LHDT2	0.02055	18	1385.5	0.86	3.18E-01	7.37E-06	2.52E+00	7.01E-04	1.28E-04			
North along Dale Evans Parkway	HHDT	0.00797	132	965.4	0.60	6.31E-01	1.46E-05	5.00E+00	1.39E-03	2.53E-04	30% of trucks		
North along Dale Evans Parkway	MHDT	0.00769	129	965.4	0.60	5.95E-01	1.38E-05	4.72E+00	1.31E-03	2.39E-04	1.00E-05		
North along Dale Evans Parkway	LHDT2	0.02055	18	965.4	0.60	2.22E-01	5.14E-06	1.76E+00	4.89E-04	8.92E-05			
South on Dale Evans Parkway	HHDT	0.01179	132	1524.2	0.95	1.47E+00	3.41E-05	1.17E+01	3.25E-03	5.93E-04	20% of trucks		
South on Dale Evans Parkway	MHDT	0.01346	129	1524.2	0.95	1.64E+00	3.81E-05	1.30E+01	3.62E-03	6.61E-04	1.65E-05		
South on Dale Evans Parkway	LHDT2	0.02624	18	1524.2	0.95	4.47E-01	1.04E-05	3.55E+00	9.85E-04	1.80E-04			

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** Lakes Environmental AERMOD MPI
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 4/11/2025
** File: C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\19763 Apple Valley Truck and Trailer Facility.ADI
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*****
** AERMOD Control Pathway
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CO STARTING
  TITLEONE C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1
  TITLETWO DPM emissions concentrations OY 2026
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "19763 Apple Valley Truck and Trailer Facility.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite truck travel

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** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0000849
** Elevated
** Building Height = 4.27
** SZINIT = 1.98
** Nodes = 17
** 482394.887, 3823906.184, 891.29, 3.50, 4.00
** 482394.887, 3823876.653, 890.88, 3.50, 4.00
** 482394.302, 3823857.355, 890.74, 3.50, 4.00
** 482391.671, 3823847.707, 890.81, 3.50, 4.00
** 482359.801, 3823845.660, 890.79, 3.50, 4.00
** 482340.796, 3823845.075, 890.87, 3.50, 4.00
** 482342.550, 3823642.161, 891.85, 3.50, 4.00
** 482345.767, 3823636.313, 891.69, 3.50, 4.00
** 482360.678, 3823633.097, 891.41, 3.50, 4.00
** 482453.364, 3823634.559, 889.86, 3.50, 4.00
** 482458.042, 3823639.822, 889.84, 3.50, 4.00
** 482452.487, 3823843.029, 890.60, 3.50, 4.00
** 482446.054, 3823846.830, 890.62, 3.50, 4.00
** 482424.710, 3823845.953, 890.70, 3.50, 4.00
** 482402.197, 3823841.859, 890.68, 3.50, 4.00
** 482396.934, 3823830.749, 890.80, 3.50, 4.00
** 482400.735, 3823637.775, 890.24, 3.50, 4.00
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LOCATION L0001104      VOLUME  482394.887 3823901.888 891.17
LOCATION L0001105      VOLUME  482394.887 3823893.297 891.05
LOCATION L0001106      VOLUME  482394.887 3823884.707 890.93
LOCATION L0001107      VOLUME  482394.871 3823876.116 890.86
LOCATION L0001108      VOLUME  482394.611 3823867.529 890.81
LOCATION L0001109      VOLUME  482394.350 3823858.942 890.77
LOCATION L0001110      VOLUME  482392.460 3823850.599 890.74
LOCATION L0001111      VOLUME  482386.089 3823847.348 890.75
LOCATION L0001112      VOLUME  482377.516 3823846.798 890.78
LOCATION L0001113      VOLUME  482368.943 3823846.247 890.79
LOCATION L0001114      VOLUME  482360.370 3823845.697 890.79
LOCATION L0001115      VOLUME  482351.784 3823845.413 890.80
LOCATION L0001116      VOLUME  482343.197 3823845.149 890.82
LOCATION L0001117      VOLUME  482340.850 3823838.887 890.83

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LOCATION L0001118	VOLUME	482340.924	3823830.297	890.83
LOCATION L0001119	VOLUME	482340.998	3823821.706	890.83
LOCATION L0001120	VOLUME	482341.072	3823813.116	890.79
LOCATION L0001121	VOLUME	482341.147	3823804.525	890.75
LOCATION L0001122	VOLUME	482341.221	3823795.935	890.70
LOCATION L0001123	VOLUME	482341.295	3823787.344	890.66
LOCATION L0001124	VOLUME	482341.369	3823778.754	890.62
LOCATION L0001125	VOLUME	482341.444	3823770.163	890.58
LOCATION L0001126	VOLUME	482341.518	3823761.573	890.54
LOCATION L0001127	VOLUME	482341.592	3823752.983	890.52
LOCATION L0001128	VOLUME	482341.666	3823744.392	890.52
LOCATION L0001129	VOLUME	482341.741	3823735.802	890.52
LOCATION L0001130	VOLUME	482341.815	3823727.211	890.52
LOCATION L0001131	VOLUME	482341.889	3823718.621	890.49
LOCATION L0001132	VOLUME	482341.964	3823710.030	890.45
LOCATION L0001133	VOLUME	482342.038	3823701.440	890.42
LOCATION L0001134	VOLUME	482342.112	3823692.849	890.57
LOCATION L0001135	VOLUME	482342.186	3823684.259	890.90
LOCATION L0001136	VOLUME	482342.261	3823675.668	891.22
LOCATION L0001137	VOLUME	482342.335	3823667.078	891.54
LOCATION L0001138	VOLUME	482342.409	3823658.487	891.64
LOCATION L0001139	VOLUME	482342.483	3823649.897	891.72
LOCATION L0001140	VOLUME	482342.962	3823641.412	891.79
LOCATION L0001141	VOLUME	482348.476	3823635.729	891.69
LOCATION L0001142	VOLUME	482356.874	3823633.918	891.39
LOCATION L0001143	VOLUME	482365.376	3823633.171	891.12
LOCATION L0001144	VOLUME	482373.966	3823633.307	890.89
LOCATION L0001145	VOLUME	482382.556	3823633.442	890.67
LOCATION L0001146	VOLUME	482391.145	3823633.578	890.47
LOCATION L0001147	VOLUME	482399.735	3823633.713	890.27
LOCATION L0001148	VOLUME	482408.325	3823633.849	890.13
LOCATION L0001149	VOLUME	482416.915	3823633.984	890.03
LOCATION L0001150	VOLUME	482425.504	3823634.119	889.93
LOCATION L0001151	VOLUME	482434.094	3823634.255	889.88
LOCATION L0001152	VOLUME	482442.684	3823634.390	889.87
LOCATION L0001153	VOLUME	482451.274	3823634.526	889.86
LOCATION L0001154	VOLUME	482457.682	3823639.417	889.83
LOCATION L0001155	VOLUME	482457.822	3823647.868	889.87
LOCATION L0001156	VOLUME	482457.587	3823656.456	889.92
LOCATION L0001157	VOLUME	482457.352	3823665.044	889.96

LOCATION	L0001158	VOLUME	482457.118	3823673.631	889.96
LOCATION	L0001159	VOLUME	482456.883	3823682.219	889.95
LOCATION	L0001160	VOLUME	482456.648	3823690.806	889.94
LOCATION	L0001161	VOLUME	482456.413	3823699.394	889.95
LOCATION	L0001162	VOLUME	482456.179	3823707.981	890.02
LOCATION	L0001163	VOLUME	482455.944	3823716.569	890.10
LOCATION	L0001164	VOLUME	482455.709	3823725.157	890.17
LOCATION	L0001165	VOLUME	482455.474	3823733.744	890.19
LOCATION	L0001166	VOLUME	482455.240	3823742.332	890.18
LOCATION	L0001167	VOLUME	482455.005	3823750.919	890.18
LOCATION	L0001168	VOLUME	482454.770	3823759.507	890.17
LOCATION	L0001169	VOLUME	482454.535	3823768.095	890.17
LOCATION	L0001170	VOLUME	482454.301	3823776.682	890.17
LOCATION	L0001171	VOLUME	482454.066	3823785.270	890.17
LOCATION	L0001172	VOLUME	482453.831	3823793.857	890.20
LOCATION	L0001173	VOLUME	482453.596	3823802.445	890.24
LOCATION	L0001174	VOLUME	482453.361	3823811.033	890.29
LOCATION	L0001175	VOLUME	482453.127	3823819.620	890.34
LOCATION	L0001176	VOLUME	482452.892	3823828.208	890.42
LOCATION	L0001177	VOLUME	482452.657	3823836.795	890.50
LOCATION	L0001178	VOLUME	482450.459	3823844.227	890.58
LOCATION	L0001179	VOLUME	482442.583	3823846.687	890.61
LOCATION	L0001180	VOLUME	482433.999	3823846.334	890.62
LOCATION	L0001181	VOLUME	482425.416	3823845.982	890.63
LOCATION	L0001182	VOLUME	482416.953	3823844.542	890.64
LOCATION	L0001183	VOLUME	482408.500	3823843.005	890.65
LOCATION	L0001184	VOLUME	482401.262	3823839.886	890.65
LOCATION	L0001185	VOLUME	482397.584	3823832.122	890.63
LOCATION	L0001186	VOLUME	482397.073	3823823.679	890.60
LOCATION	L0001187	VOLUME	482397.242	3823815.090	890.65
LOCATION	L0001188	VOLUME	482397.411	3823806.500	890.74
LOCATION	L0001189	VOLUME	482397.581	3823797.911	890.84
LOCATION	L0001190	VOLUME	482397.750	3823789.322	890.93
LOCATION	L0001191	VOLUME	482397.919	3823780.733	890.91
LOCATION	L0001192	VOLUME	482398.088	3823772.144	890.90
LOCATION	L0001193	VOLUME	482398.257	3823763.555	890.89
LOCATION	L0001194	VOLUME	482398.426	3823754.966	890.91
LOCATION	L0001195	VOLUME	482398.596	3823746.376	890.97
LOCATION	L0001196	VOLUME	482398.765	3823737.787	891.03
LOCATION	L0001197	VOLUME	482398.934	3823729.198	891.09

LOCATION L0001198	VOLUME	482399.103	3823720.609	891.27
LOCATION L0001199	VOLUME	482399.272	3823712.020	891.47
LOCATION L0001200	VOLUME	482399.442	3823703.431	891.66
LOCATION L0001201	VOLUME	482399.611	3823694.842	891.75
LOCATION L0001202	VOLUME	482399.780	3823686.253	891.59
LOCATION L0001203	VOLUME	482399.949	3823677.663	891.43
LOCATION L0001204	VOLUME	482400.118	3823669.074	891.27
LOCATION L0001205	VOLUME	482400.287	3823660.485	891.03
LOCATION L0001206	VOLUME	482400.457	3823651.896	890.78
LOCATION L0001207	VOLUME	482400.626	3823643.307	890.52
** End of LINE VOLUME Source ID = SLINE1				
LOCATION STCK1	POINT	482390.620	3823862.670	890.800
** DESCRSRC Idling location				
LOCATION STCK2	POINT	482398.518	3823862.668	890.770
** DESCRSRC Idling location				
** -----				
** Line Source Represented by Adjacent Volume Sources				
** LINE VOLUME Source ID = SLINE2				
** DESCRSRC East along Waalew Road				
** PREFIX				
** Length of Side = 8.59				
** Configuration = Adjacent				
** Emission Rate = 4.29E-06				
** Elevated				
** Vertical Dimension = 7.00				
** SZINIT = 1.63				
** Nodes = 2				
** 482398.302, 3823924.299, 891.31, 3.50, 4.00				
** 482892.866, 3823922.729, 890.20, 3.50, 4.00				
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LOCATION L0001208	VOLUME	482402.597	3823924.285	891.34
LOCATION L0001209	VOLUME	482411.188	3823924.258	891.29
LOCATION L0001210	VOLUME	482419.779	3823924.231	891.23
LOCATION L0001211	VOLUME	482428.369	3823924.203	891.18
LOCATION L0001212	VOLUME	482436.960	3823924.176	891.15
LOCATION L0001213	VOLUME	482445.551	3823924.149	891.13
LOCATION L0001214	VOLUME	482454.142	3823924.122	891.10
LOCATION L0001215	VOLUME	482462.732	3823924.094	891.09
LOCATION L0001216	VOLUME	482471.323	3823924.067	891.09
LOCATION L0001217	VOLUME	482479.914	3823924.040	891.08

LOCATION	L0001218	VOLUME	482488.505	3823924.013	891.00
LOCATION	L0001219	VOLUME	482497.095	3823923.985	890.92
LOCATION	L0001220	VOLUME	482505.686	3823923.958	890.85
LOCATION	L0001221	VOLUME	482514.277	3823923.931	890.90
LOCATION	L0001222	VOLUME	482522.868	3823923.903	890.95
LOCATION	L0001223	VOLUME	482531.458	3823923.876	891.01
LOCATION	L0001224	VOLUME	482540.049	3823923.849	891.05
LOCATION	L0001225	VOLUME	482548.640	3823923.822	891.09
LOCATION	L0001226	VOLUME	482557.231	3823923.794	891.14
LOCATION	L0001227	VOLUME	482565.821	3823923.767	891.13
LOCATION	L0001228	VOLUME	482574.412	3823923.740	891.12
LOCATION	L0001229	VOLUME	482583.003	3823923.713	891.12
LOCATION	L0001230	VOLUME	482591.594	3823923.685	891.07
LOCATION	L0001231	VOLUME	482600.184	3823923.658	891.03
LOCATION	L0001232	VOLUME	482608.775	3823923.631	890.99
LOCATION	L0001233	VOLUME	482617.366	3823923.603	890.99
LOCATION	L0001234	VOLUME	482625.957	3823923.576	891.00
LOCATION	L0001235	VOLUME	482634.547	3823923.549	891.02
LOCATION	L0001236	VOLUME	482643.138	3823923.522	891.14
LOCATION	L0001237	VOLUME	482651.729	3823923.494	891.26
LOCATION	L0001238	VOLUME	482660.320	3823923.467	891.32
LOCATION	L0001239	VOLUME	482668.910	3823923.440	891.20
LOCATION	L0001240	VOLUME	482677.501	3823923.412	891.07
LOCATION	L0001241	VOLUME	482686.092	3823923.385	890.97
LOCATION	L0001242	VOLUME	482694.683	3823923.358	890.95
LOCATION	L0001243	VOLUME	482703.274	3823923.331	890.93
LOCATION	L0001244	VOLUME	482711.864	3823923.303	890.91
LOCATION	L0001245	VOLUME	482720.455	3823923.276	890.90
LOCATION	L0001246	VOLUME	482729.046	3823923.249	890.89
LOCATION	L0001247	VOLUME	482737.637	3823923.222	890.87
LOCATION	L0001248	VOLUME	482746.227	3823923.194	890.81
LOCATION	L0001249	VOLUME	482754.818	3823923.167	890.75
LOCATION	L0001250	VOLUME	482763.409	3823923.140	890.69
LOCATION	L0001251	VOLUME	482772.000	3823923.112	890.64
LOCATION	L0001252	VOLUME	482780.590	3823923.085	890.58
LOCATION	L0001253	VOLUME	482789.181	3823923.058	890.55
LOCATION	L0001254	VOLUME	482797.772	3823923.031	890.56
LOCATION	L0001255	VOLUME	482806.363	3823923.003	890.57
LOCATION	L0001256	VOLUME	482814.953	3823922.976	890.58
LOCATION	L0001257	VOLUME	482823.544	3823922.949	890.58

LOCATION L0001258	VOLUME	482832.135	3823922.921	890.58
LOCATION L0001259	VOLUME	482840.726	3823922.894	890.55
LOCATION L0001260	VOLUME	482849.316	3823922.867	890.48
LOCATION L0001261	VOLUME	482857.907	3823922.840	890.41
LOCATION L0001262	VOLUME	482866.498	3823922.812	890.35
LOCATION L0001263	VOLUME	482875.089	3823922.785	890.29
LOCATION L0001264	VOLUME	482883.679	3823922.758	890.24
LOCATION L0001265	VOLUME	482892.270	3823922.731	890.21

** End of LINE VOLUME Source ID = SLINE2

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC West along Waalew Rd to Dale Evans Parkway

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0000361

** Elevated

** Vertical Dimension = 7.00

** SZINIT = 1.63

** Nodes = 2

** 481007.476, 3823928.062, 890.92, 3.50, 4.00

** 482392.928, 3823922.749, 891.31, 3.50, 4.00

** -----

LOCATION L0001266	VOLUME	481011.771	3823928.046	890.82
LOCATION L0001267	VOLUME	481020.362	3823928.013	890.70
LOCATION L0001268	VOLUME	481028.953	3823927.980	890.61
LOCATION L0001269	VOLUME	481037.543	3823927.947	890.62
LOCATION L0001270	VOLUME	481046.134	3823927.914	890.63
LOCATION L0001271	VOLUME	481054.725	3823927.881	890.64
LOCATION L0001272	VOLUME	481063.316	3823927.848	890.65
LOCATION L0001273	VOLUME	481071.906	3823927.815	890.67
LOCATION L0001274	VOLUME	481080.497	3823927.782	890.68
LOCATION L0001275	VOLUME	481089.088	3823927.749	890.69
LOCATION L0001276	VOLUME	481097.679	3823927.716	890.70
LOCATION L0001277	VOLUME	481106.269	3823927.683	890.69
LOCATION L0001278	VOLUME	481114.860	3823927.650	890.62
LOCATION L0001279	VOLUME	481123.451	3823927.617	890.56
LOCATION L0001280	VOLUME	481132.042	3823927.584	890.50
LOCATION L0001281	VOLUME	481140.632	3823927.551	890.45

LOCATION	L0001282	VOLUME	481149.223	3823927.519	890.41
LOCATION	L0001283	VOLUME	481157.814	3823927.486	890.39
LOCATION	L0001284	VOLUME	481166.404	3823927.453	890.41
LOCATION	L0001285	VOLUME	481174.995	3823927.420	890.44
LOCATION	L0001286	VOLUME	481183.586	3823927.387	890.45
LOCATION	L0001287	VOLUME	481192.177	3823927.354	890.45
LOCATION	L0001288	VOLUME	481200.767	3823927.321	890.45
LOCATION	L0001289	VOLUME	481209.358	3823927.288	890.44
LOCATION	L0001290	VOLUME	481217.949	3823927.255	890.40
LOCATION	L0001291	VOLUME	481226.540	3823927.222	890.37
LOCATION	L0001292	VOLUME	481235.130	3823927.189	890.36
LOCATION	L0001293	VOLUME	481243.721	3823927.156	890.40
LOCATION	L0001294	VOLUME	481252.312	3823927.123	890.43
LOCATION	L0001295	VOLUME	481260.903	3823927.090	890.47
LOCATION	L0001296	VOLUME	481269.493	3823927.057	890.51
LOCATION	L0001297	VOLUME	481278.084	3823927.024	890.55
LOCATION	L0001298	VOLUME	481286.675	3823926.991	890.59
LOCATION	L0001299	VOLUME	481295.266	3823926.958	890.62
LOCATION	L0001300	VOLUME	481303.856	3823926.925	890.65
LOCATION	L0001301	VOLUME	481312.447	3823926.893	890.65
LOCATION	L0001302	VOLUME	481321.038	3823926.860	890.63
LOCATION	L0001303	VOLUME	481329.628	3823926.827	890.60
LOCATION	L0001304	VOLUME	481338.219	3823926.794	890.59
LOCATION	L0001305	VOLUME	481346.810	3823926.761	890.59
LOCATION	L0001306	VOLUME	481355.401	3823926.728	890.59
LOCATION	L0001307	VOLUME	481363.991	3823926.695	890.64
LOCATION	L0001308	VOLUME	481372.582	3823926.662	890.73
LOCATION	L0001309	VOLUME	481381.173	3823926.629	890.82
LOCATION	L0001310	VOLUME	481389.764	3823926.596	890.85
LOCATION	L0001311	VOLUME	481398.354	3823926.563	890.85
LOCATION	L0001312	VOLUME	481406.945	3823926.530	890.85
LOCATION	L0001313	VOLUME	481415.536	3823926.497	890.82
LOCATION	L0001314	VOLUME	481424.127	3823926.464	890.78
LOCATION	L0001315	VOLUME	481432.717	3823926.431	890.73
LOCATION	L0001316	VOLUME	481441.308	3823926.398	890.73
LOCATION	L0001317	VOLUME	481449.899	3823926.365	890.74
LOCATION	L0001318	VOLUME	481458.490	3823926.332	890.76
LOCATION	L0001319	VOLUME	481467.080	3823926.299	890.76
LOCATION	L0001320	VOLUME	481475.671	3823926.267	890.75
LOCATION	L0001321	VOLUME	481484.262	3823926.234	890.75

LOCATION	L0001322	VOLUME	481492.852	3823926.201	890.76
LOCATION	L0001323	VOLUME	481501.443	3823926.168	890.77
LOCATION	L0001324	VOLUME	481510.034	3823926.135	890.78
LOCATION	L0001325	VOLUME	481518.625	3823926.102	890.78
LOCATION	L0001326	VOLUME	481527.215	3823926.069	890.79
LOCATION	L0001327	VOLUME	481535.806	3823926.036	890.80
LOCATION	L0001328	VOLUME	481544.397	3823926.003	890.76
LOCATION	L0001329	VOLUME	481552.988	3823925.970	890.71
LOCATION	L0001330	VOLUME	481561.578	3823925.937	890.65
LOCATION	L0001331	VOLUME	481570.169	3823925.904	890.64
LOCATION	L0001332	VOLUME	481578.760	3823925.871	890.64
LOCATION	L0001333	VOLUME	481587.351	3823925.838	890.63
LOCATION	L0001334	VOLUME	481595.941	3823925.805	890.68
LOCATION	L0001335	VOLUME	481604.532	3823925.772	890.74
LOCATION	L0001336	VOLUME	481613.123	3823925.739	890.79
LOCATION	L0001337	VOLUME	481621.714	3823925.706	890.81
LOCATION	L0001338	VOLUME	481630.304	3823925.673	890.84
LOCATION	L0001339	VOLUME	481638.895	3823925.641	890.86
LOCATION	L0001340	VOLUME	481647.486	3823925.608	890.81
LOCATION	L0001341	VOLUME	481656.076	3823925.575	890.77
LOCATION	L0001342	VOLUME	481664.667	3823925.542	890.72
LOCATION	L0001343	VOLUME	481673.258	3823925.509	890.73
LOCATION	L0001344	VOLUME	481681.849	3823925.476	890.74
LOCATION	L0001345	VOLUME	481690.439	3823925.443	890.75
LOCATION	L0001346	VOLUME	481699.030	3823925.410	890.74
LOCATION	L0001347	VOLUME	481707.621	3823925.377	890.73
LOCATION	L0001348	VOLUME	481716.212	3823925.344	890.72
LOCATION	L0001349	VOLUME	481724.802	3823925.311	890.74
LOCATION	L0001350	VOLUME	481733.393	3823925.278	890.76
LOCATION	L0001351	VOLUME	481741.984	3823925.245	890.78
LOCATION	L0001352	VOLUME	481750.575	3823925.212	890.79
LOCATION	L0001353	VOLUME	481759.165	3823925.179	890.80
LOCATION	L0001354	VOLUME	481767.756	3823925.146	890.81
LOCATION	L0001355	VOLUME	481776.347	3823925.113	890.84
LOCATION	L0001356	VOLUME	481784.938	3823925.080	890.87
LOCATION	L0001357	VOLUME	481793.528	3823925.047	890.90
LOCATION	L0001358	VOLUME	481802.119	3823925.015	890.93
LOCATION	L0001359	VOLUME	481810.710	3823924.982	890.95
LOCATION	L0001360	VOLUME	481819.300	3823924.949	890.96
LOCATION	L0001361	VOLUME	481827.891	3823924.916	890.95

LOCATION L0001362	VOLUME	481836.482	3823924.883	890.94
LOCATION L0001363	VOLUME	481845.073	3823924.850	890.92
LOCATION L0001364	VOLUME	481853.663	3823924.817	890.88
LOCATION L0001365	VOLUME	481862.254	3823924.784	890.83
LOCATION L0001366	VOLUME	481870.845	3823924.751	890.80
LOCATION L0001367	VOLUME	481879.436	3823924.718	890.81
LOCATION L0001368	VOLUME	481888.026	3823924.685	890.82
LOCATION L0001369	VOLUME	481896.617	3823924.652	890.83
LOCATION L0001370	VOLUME	481905.208	3823924.619	890.82
LOCATION L0001371	VOLUME	481913.799	3823924.586	890.81
LOCATION L0001372	VOLUME	481922.389	3823924.553	890.81
LOCATION L0001373	VOLUME	481930.980	3823924.520	890.82
LOCATION L0001374	VOLUME	481939.571	3823924.487	890.84
LOCATION L0001375	VOLUME	481948.162	3823924.454	890.86
LOCATION L0001376	VOLUME	481956.752	3823924.421	890.88
LOCATION L0001377	VOLUME	481965.343	3823924.389	890.90
LOCATION L0001378	VOLUME	481973.934	3823924.356	890.92
LOCATION L0001379	VOLUME	481982.524	3823924.323	890.94
LOCATION L0001380	VOLUME	481991.115	3823924.290	890.96
LOCATION L0001381	VOLUME	481999.706	3823924.257	891.00
LOCATION L0001382	VOLUME	482008.297	3823924.224	891.06
LOCATION L0001383	VOLUME	482016.887	3823924.191	891.12
LOCATION L0001384	VOLUME	482025.478	3823924.158	891.17
LOCATION L0001385	VOLUME	482034.069	3823924.125	891.22
LOCATION L0001386	VOLUME	482042.660	3823924.092	891.27
LOCATION L0001387	VOLUME	482051.250	3823924.059	891.29
LOCATION L0001388	VOLUME	482059.841	3823924.026	891.30
LOCATION L0001389	VOLUME	482068.432	3823923.993	891.30
LOCATION L0001390	VOLUME	482077.023	3823923.960	891.30
LOCATION L0001391	VOLUME	482085.613	3823923.927	891.31
LOCATION L0001392	VOLUME	482094.204	3823923.894	891.32
LOCATION L0001393	VOLUME	482102.795	3823923.861	891.34
LOCATION L0001394	VOLUME	482111.386	3823923.828	891.38
LOCATION L0001395	VOLUME	482119.976	3823923.795	891.42
LOCATION L0001396	VOLUME	482128.567	3823923.763	891.43
LOCATION L0001397	VOLUME	482137.158	3823923.730	891.40
LOCATION L0001398	VOLUME	482145.748	3823923.697	891.38
LOCATION L0001399	VOLUME	482154.339	3823923.664	891.38
LOCATION L0001400	VOLUME	482162.930	3823923.631	891.38
LOCATION L0001401	VOLUME	482171.521	3823923.598	891.38

LOCATION L0001402	VOLUME	482180.111	3823923.565	891.39
LOCATION L0001403	VOLUME	482188.702	3823923.532	891.40
LOCATION L0001404	VOLUME	482197.293	3823923.499	891.41
LOCATION L0001405	VOLUME	482205.884	3823923.466	891.43
LOCATION L0001406	VOLUME	482214.474	3823923.433	891.46
LOCATION L0001407	VOLUME	482223.065	3823923.400	891.48
LOCATION L0001408	VOLUME	482231.656	3823923.367	891.51
LOCATION L0001409	VOLUME	482240.247	3823923.334	891.55
LOCATION L0001410	VOLUME	482248.837	3823923.301	891.59
LOCATION L0001411	VOLUME	482257.428	3823923.268	891.56
LOCATION L0001412	VOLUME	482266.019	3823923.235	891.51
LOCATION L0001413	VOLUME	482274.610	3823923.202	891.46
LOCATION L0001414	VOLUME	482283.200	3823923.169	891.43
LOCATION L0001415	VOLUME	482291.791	3823923.137	891.39
LOCATION L0001416	VOLUME	482300.382	3823923.104	891.36
LOCATION L0001417	VOLUME	482308.972	3823923.071	891.36
LOCATION L0001418	VOLUME	482317.563	3823923.038	891.38
LOCATION L0001419	VOLUME	482326.154	3823923.005	891.39
LOCATION L0001420	VOLUME	482334.745	3823922.972	891.39
LOCATION L0001421	VOLUME	482343.335	3823922.939	891.39
LOCATION L0001422	VOLUME	482351.926	3823922.906	891.39
LOCATION L0001423	VOLUME	482360.517	3823922.873	891.36
LOCATION L0001424	VOLUME	482369.108	3823922.840	891.33
LOCATION L0001425	VOLUME	482377.698	3823922.807	891.30
LOCATION L0001426	VOLUME	482386.289	3823922.774	891.31

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC North along Dale Evans Parkway

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001

** Elevated

** Vertical Dimension = 7.00

** SZINIT = 1.63

** Nodes = 2

** 481008.653, 3823939.022, 891.00, 3.50, 4.00

** 481005.795, 3824904.382, 901.00, 3.50, 4.00

**

LOCATION	L0001427	VOLUME	481008.640	3823943.317	890.98
LOCATION	L0001428	VOLUME	481008.615	3823951.908	891.02
LOCATION	L0001429	VOLUME	481008.589	3823960.499	891.03
LOCATION	L0001430	VOLUME	481008.564	3823969.090	891.04
LOCATION	L0001431	VOLUME	481008.538	3823977.680	891.06
LOCATION	L0001432	VOLUME	481008.513	3823986.271	891.10
LOCATION	L0001433	VOLUME	481008.487	3823994.862	891.14
LOCATION	L0001434	VOLUME	481008.462	3824003.453	891.19
LOCATION	L0001435	VOLUME	481008.437	3824012.043	891.24
LOCATION	L0001436	VOLUME	481008.411	3824020.634	891.31
LOCATION	L0001437	VOLUME	481008.386	3824029.225	891.38
LOCATION	L0001438	VOLUME	481008.360	3824037.816	891.45
LOCATION	L0001439	VOLUME	481008.335	3824046.406	891.52
LOCATION	L0001440	VOLUME	481008.309	3824054.997	891.60
LOCATION	L0001441	VOLUME	481008.284	3824063.588	891.68
LOCATION	L0001442	VOLUME	481008.259	3824072.179	891.76
LOCATION	L0001443	VOLUME	481008.233	3824080.769	891.86
LOCATION	L0001444	VOLUME	481008.208	3824089.360	891.96
LOCATION	L0001445	VOLUME	481008.182	3824097.951	892.06
LOCATION	L0001446	VOLUME	481008.157	3824106.542	892.13
LOCATION	L0001447	VOLUME	481008.131	3824115.132	892.19
LOCATION	L0001448	VOLUME	481008.106	3824123.723	892.25
LOCATION	L0001449	VOLUME	481008.081	3824132.314	892.31
LOCATION	L0001450	VOLUME	481008.055	3824140.905	892.40
LOCATION	L0001451	VOLUME	481008.030	3824149.496	892.50
LOCATION	L0001452	VOLUME	481008.004	3824158.086	892.59
LOCATION	L0001453	VOLUME	481007.979	3824166.677	892.70
LOCATION	L0001454	VOLUME	481007.953	3824175.268	892.81
LOCATION	L0001455	VOLUME	481007.928	3824183.859	892.92
LOCATION	L0001456	VOLUME	481007.903	3824192.449	893.03
LOCATION	L0001457	VOLUME	481007.877	3824201.040	893.14
LOCATION	L0001458	VOLUME	481007.852	3824209.631	893.25
LOCATION	L0001459	VOLUME	481007.826	3824218.222	893.36
LOCATION	L0001460	VOLUME	481007.801	3824226.812	893.47
LOCATION	L0001461	VOLUME	481007.775	3824235.403	893.56
LOCATION	L0001462	VOLUME	481007.750	3824243.994	893.66
LOCATION	L0001463	VOLUME	481007.725	3824252.585	893.75
LOCATION	L0001464	VOLUME	481007.699	3824261.175	893.85
LOCATION	L0001465	VOLUME	481007.674	3824269.766	893.95

LOCATION L0001466	VOLUME	481007.648	3824278.357	894.04
LOCATION L0001467	VOLUME	481007.623	3824286.948	894.14
LOCATION L0001468	VOLUME	481007.597	3824295.539	894.23
LOCATION L0001469	VOLUME	481007.572	3824304.129	894.32
LOCATION L0001470	VOLUME	481007.547	3824312.720	894.41
LOCATION L0001471	VOLUME	481007.521	3824321.311	894.51
LOCATION L0001472	VOLUME	481007.496	3824329.902	894.62
LOCATION L0001473	VOLUME	481007.470	3824338.492	894.73
LOCATION L0001474	VOLUME	481007.445	3824347.083	894.83
LOCATION L0001475	VOLUME	481007.419	3824355.674	894.94
LOCATION L0001476	VOLUME	481007.394	3824364.265	895.04
LOCATION L0001477	VOLUME	481007.369	3824372.855	895.14
LOCATION L0001478	VOLUME	481007.343	3824381.446	895.24
LOCATION L0001479	VOLUME	481007.318	3824390.037	895.32
LOCATION L0001480	VOLUME	481007.292	3824398.628	895.40
LOCATION L0001481	VOLUME	481007.267	3824407.218	895.48
LOCATION L0001482	VOLUME	481007.241	3824415.809	895.58
LOCATION L0001483	VOLUME	481007.216	3824424.400	895.67
LOCATION L0001484	VOLUME	481007.191	3824432.991	895.77
LOCATION L0001485	VOLUME	481007.165	3824441.581	895.87
LOCATION L0001486	VOLUME	481007.140	3824450.172	895.95
LOCATION L0001487	VOLUME	481007.114	3824458.763	896.03
LOCATION L0001488	VOLUME	481007.089	3824467.354	896.12
LOCATION L0001489	VOLUME	481007.063	3824475.945	896.20
LOCATION L0001490	VOLUME	481007.038	3824484.535	896.28
LOCATION L0001491	VOLUME	481007.013	3824493.126	896.36
LOCATION L0001492	VOLUME	481006.987	3824501.717	896.44
LOCATION L0001493	VOLUME	481006.962	3824510.308	896.53
LOCATION L0001494	VOLUME	481006.936	3824518.898	896.62
LOCATION L0001495	VOLUME	481006.911	3824527.489	896.70
LOCATION L0001496	VOLUME	481006.885	3824536.080	896.80
LOCATION L0001497	VOLUME	481006.860	3824544.671	896.91
LOCATION L0001498	VOLUME	481006.835	3824553.261	897.01
LOCATION L0001499	VOLUME	481006.809	3824561.852	897.12
LOCATION L0001500	VOLUME	481006.784	3824570.443	897.22
LOCATION L0001501	VOLUME	481006.758	3824579.034	897.31
LOCATION L0001502	VOLUME	481006.733	3824587.624	897.41
LOCATION L0001503	VOLUME	481006.707	3824596.215	897.51
LOCATION L0001504	VOLUME	481006.682	3824604.806	897.58
LOCATION L0001505	VOLUME	481006.657	3824613.397	897.65

LOCATION	L0001506	VOLUME	481006.631	3824621.987	897.72
LOCATION	L0001507	VOLUME	481006.606	3824630.578	897.80
LOCATION	L0001508	VOLUME	481006.580	3824639.169	897.89
LOCATION	L0001509	VOLUME	481006.555	3824647.760	897.97
LOCATION	L0001510	VOLUME	481006.529	3824656.351	898.06
LOCATION	L0001511	VOLUME	481006.504	3824664.941	898.15
LOCATION	L0001512	VOLUME	481006.479	3824673.532	898.24
LOCATION	L0001513	VOLUME	481006.453	3824682.123	898.33
LOCATION	L0001514	VOLUME	481006.428	3824690.714	898.42
LOCATION	L0001515	VOLUME	481006.402	3824699.304	898.51
LOCATION	L0001516	VOLUME	481006.377	3824707.895	898.60
LOCATION	L0001517	VOLUME	481006.351	3824716.486	898.68
LOCATION	L0001518	VOLUME	481006.326	3824725.077	898.76
LOCATION	L0001519	VOLUME	481006.301	3824733.667	898.83
LOCATION	L0001520	VOLUME	481006.275	3824742.258	898.90
LOCATION	L0001521	VOLUME	481006.250	3824750.849	898.99
LOCATION	L0001522	VOLUME	481006.224	3824759.440	899.10
LOCATION	L0001523	VOLUME	481006.199	3824768.030	899.22
LOCATION	L0001524	VOLUME	481006.173	3824776.621	899.33
LOCATION	L0001525	VOLUME	481006.148	3824785.212	899.46
LOCATION	L0001526	VOLUME	481006.123	3824793.803	899.60
LOCATION	L0001527	VOLUME	481006.097	3824802.393	899.74
LOCATION	L0001528	VOLUME	481006.072	3824810.984	899.87
LOCATION	L0001529	VOLUME	481006.046	3824819.575	899.97
LOCATION	L0001530	VOLUME	481006.021	3824828.166	900.08
LOCATION	L0001531	VOLUME	481005.995	3824836.757	900.18
LOCATION	L0001532	VOLUME	481005.970	3824845.347	900.29
LOCATION	L0001533	VOLUME	481005.945	3824853.938	900.39
LOCATION	L0001534	VOLUME	481005.919	3824862.529	900.50
LOCATION	L0001535	VOLUME	481005.894	3824871.120	900.61
LOCATION	L0001536	VOLUME	481005.868	3824879.710	900.71
LOCATION	L0001537	VOLUME	481005.843	3824888.301	900.81
LOCATION	L0001538	VOLUME	481005.817	3824896.892	900.92

** End of LINE VOLUME Source ID = SLINE4

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** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC South on Dale Evans Parkway

** PREFIX

** Length of Side = 8.59

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** Configuration = Adjacent
** Emission Rate = 0.0000165
** Elevated
** Vertical Dimension = 7.00
** SZINIT = 1.63
** Nodes = 7
** 481001.970, 3823927.856, 890.92, 3.50, 4.00
** 480892.578, 3823927.564, 891.64, 3.50, 4.00
** 480888.191, 3823926.394, 891.65, 3.50, 4.00
** 480885.851, 3823920.837, 891.55, 3.50, 4.00
** 480889.038, 3823536.435, 889.29, 3.50, 4.00
** 480893.366, 3822710.579, 886.73, 3.50, 4.00
** 480895.795, 3822516.658, 887.84, 3.50, 4.00
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LOCATION L0001539    VOLUME  480997.674 3823927.845 890.94
LOCATION L0001540    VOLUME  480989.083 3823927.822 890.89
LOCATION L0001541    VOLUME  480980.493 3823927.799 890.85
LOCATION L0001542    VOLUME  480971.902 3823927.776 890.86
LOCATION L0001543    VOLUME  480963.311 3823927.753 890.91
LOCATION L0001544    VOLUME  480954.720 3823927.730 890.96
LOCATION L0001545    VOLUME  480946.130 3823927.707 891.02
LOCATION L0001546    VOLUME  480937.539 3823927.684 891.09
LOCATION L0001547    VOLUME  480928.948 3823927.661 891.16
LOCATION L0001548    VOLUME  480920.357 3823927.638 891.25
LOCATION L0001549    VOLUME  480911.767 3823927.615 891.34
LOCATION L0001550    VOLUME  480903.176 3823927.592 891.43
LOCATION L0001551    VOLUME  480894.585 3823927.569 891.54
LOCATION L0001552    VOLUME  480887.398 3823924.511 891.62
LOCATION L0001553    VOLUME  480885.889 3823916.233 891.58
LOCATION L0001554    VOLUME  480885.960 3823907.642 891.53
LOCATION L0001555    VOLUME  480886.031 3823899.052 891.47
LOCATION L0001556    VOLUME  480886.102 3823890.461 891.41
LOCATION L0001557    VOLUME  480886.174 3823881.871 891.35
LOCATION L0001558    VOLUME  480886.245 3823873.280 891.28
LOCATION L0001559    VOLUME  480886.316 3823864.690 891.21
LOCATION L0001560    VOLUME  480886.387 3823856.099 891.14
LOCATION L0001561    VOLUME  480886.459 3823847.509 891.14
LOCATION L0001562    VOLUME  480886.530 3823838.918 891.15
LOCATION L0001563    VOLUME  480886.601 3823830.328 891.17
LOCATION L0001564    VOLUME  480886.672 3823821.737 891.16

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LOCATION L0001565	VOLUME	480886.743	3823813.147	891.07
LOCATION L0001566	VOLUME	480886.815	3823804.556	890.99
LOCATION L0001567	VOLUME	480886.886	3823795.966	890.90
LOCATION L0001568	VOLUME	480886.957	3823787.375	890.85
LOCATION L0001569	VOLUME	480887.028	3823778.785	890.84
LOCATION L0001570	VOLUME	480887.100	3823770.194	890.82
LOCATION L0001571	VOLUME	480887.171	3823761.604	890.81
LOCATION L0001572	VOLUME	480887.242	3823753.013	890.76
LOCATION L0001573	VOLUME	480887.313	3823744.423	890.71
LOCATION L0001574	VOLUME	480887.385	3823735.832	890.66
LOCATION L0001575	VOLUME	480887.456	3823727.242	890.61
LOCATION L0001576	VOLUME	480887.527	3823718.651	890.55
LOCATION L0001577	VOLUME	480887.598	3823710.061	890.49
LOCATION L0001578	VOLUME	480887.669	3823701.470	890.43
LOCATION L0001579	VOLUME	480887.741	3823692.880	890.37
LOCATION L0001580	VOLUME	480887.812	3823684.289	890.31
LOCATION L0001581	VOLUME	480887.883	3823675.699	890.25
LOCATION L0001582	VOLUME	480887.954	3823667.108	890.18
LOCATION L0001583	VOLUME	480888.026	3823658.518	890.07
LOCATION L0001584	VOLUME	480888.097	3823649.927	889.95
LOCATION L0001585	VOLUME	480888.168	3823641.337	889.84
LOCATION L0001586	VOLUME	480888.239	3823632.746	889.78
LOCATION L0001587	VOLUME	480888.310	3823624.156	889.73
LOCATION L0001588	VOLUME	480888.382	3823615.565	889.69
LOCATION L0001589	VOLUME	480888.453	3823606.975	889.64
LOCATION L0001590	VOLUME	480888.524	3823598.384	889.59
LOCATION L0001591	VOLUME	480888.595	3823589.794	889.53
LOCATION L0001592	VOLUME	480888.667	3823581.203	889.48
LOCATION L0001593	VOLUME	480888.738	3823572.613	889.43
LOCATION L0001594	VOLUME	480888.809	3823564.022	889.41
LOCATION L0001595	VOLUME	480888.880	3823555.432	889.38
LOCATION L0001596	VOLUME	480888.952	3823546.841	889.35
LOCATION L0001597	VOLUME	480889.023	3823538.251	889.31
LOCATION L0001598	VOLUME	480889.073	3823529.660	889.27
LOCATION L0001599	VOLUME	480889.118	3823521.069	889.22
LOCATION L0001600	VOLUME	480889.163	3823512.479	889.19
LOCATION L0001601	VOLUME	480889.208	3823503.888	889.18
LOCATION L0001602	VOLUME	480889.253	3823495.297	889.17
LOCATION L0001603	VOLUME	480889.298	3823486.707	889.16
LOCATION L0001604	VOLUME	480889.343	3823478.116	889.13

LOCATION L0001605	VOLUME	480889.389	3823469.525	889.08
LOCATION L0001606	VOLUME	480889.434	3823460.935	889.03
LOCATION L0001607	VOLUME	480889.479	3823452.344	888.98
LOCATION L0001608	VOLUME	480889.524	3823443.753	888.93
LOCATION L0001609	VOLUME	480889.569	3823435.163	888.87
LOCATION L0001610	VOLUME	480889.614	3823426.572	888.82
LOCATION L0001611	VOLUME	480889.659	3823417.981	888.81
LOCATION L0001612	VOLUME	480889.704	3823409.391	888.84
LOCATION L0001613	VOLUME	480889.749	3823400.800	888.86
LOCATION L0001614	VOLUME	480889.794	3823392.209	888.88
LOCATION L0001615	VOLUME	480889.839	3823383.619	888.87
LOCATION L0001616	VOLUME	480889.884	3823375.028	888.85
LOCATION L0001617	VOLUME	480889.929	3823366.437	888.84
LOCATION L0001618	VOLUME	480889.974	3823357.846	888.81
LOCATION L0001619	VOLUME	480890.019	3823349.256	888.75
LOCATION L0001620	VOLUME	480890.064	3823340.665	888.70
LOCATION L0001621	VOLUME	480890.109	3823332.074	888.65
LOCATION L0001622	VOLUME	480890.154	3823323.484	888.58
LOCATION L0001623	VOLUME	480890.199	3823314.893	888.50
LOCATION L0001624	VOLUME	480890.244	3823306.302	888.42
LOCATION L0001625	VOLUME	480890.289	3823297.712	888.36
LOCATION L0001626	VOLUME	480890.334	3823289.121	888.32
LOCATION L0001627	VOLUME	480890.379	3823280.530	888.29
LOCATION L0001628	VOLUME	480890.424	3823271.940	888.26
LOCATION L0001629	VOLUME	480890.469	3823263.349	888.22
LOCATION L0001630	VOLUME	480890.514	3823254.758	888.18
LOCATION L0001631	VOLUME	480890.559	3823246.168	888.14
LOCATION L0001632	VOLUME	480890.604	3823237.577	888.10
LOCATION L0001633	VOLUME	480890.649	3823228.986	888.08
LOCATION L0001634	VOLUME	480890.694	3823220.396	888.05
LOCATION L0001635	VOLUME	480890.739	3823211.805	888.03
LOCATION L0001636	VOLUME	480890.784	3823203.214	888.00
LOCATION L0001637	VOLUME	480890.829	3823194.624	887.95
LOCATION L0001638	VOLUME	480890.874	3823186.033	887.90
LOCATION L0001639	VOLUME	480890.919	3823177.442	887.85
LOCATION L0001640	VOLUME	480890.964	3823168.851	887.81
LOCATION L0001641	VOLUME	480891.009	3823160.261	887.78
LOCATION L0001642	VOLUME	480891.054	3823151.670	887.74
LOCATION L0001643	VOLUME	480891.099	3823143.079	887.72
LOCATION L0001644	VOLUME	480891.144	3823134.489	887.72

LOCATION	L0001645	VOLUME	480891.189	3823125.898	887.72
LOCATION	L0001646	VOLUME	480891.235	3823117.307	887.72
LOCATION	L0001647	VOLUME	480891.280	3823108.717	887.70
LOCATION	L0001648	VOLUME	480891.325	3823100.126	887.68
LOCATION	L0001649	VOLUME	480891.370	3823091.535	887.66
LOCATION	L0001650	VOLUME	480891.415	3823082.945	887.64
LOCATION	L0001651	VOLUME	480891.460	3823074.354	887.60
LOCATION	L0001652	VOLUME	480891.505	3823065.763	887.56
LOCATION	L0001653	VOLUME	480891.550	3823057.173	887.52
LOCATION	L0001654	VOLUME	480891.595	3823048.582	887.50
LOCATION	L0001655	VOLUME	480891.640	3823039.991	887.51
LOCATION	L0001656	VOLUME	480891.685	3823031.401	887.52
LOCATION	L0001657	VOLUME	480891.730	3823022.810	887.53
LOCATION	L0001658	VOLUME	480891.775	3823014.219	887.53
LOCATION	L0001659	VOLUME	480891.820	3823005.629	887.53
LOCATION	L0001660	VOLUME	480891.865	3822997.038	887.53
LOCATION	L0001661	VOLUME	480891.910	3822988.447	887.51
LOCATION	L0001662	VOLUME	480891.955	3822979.856	887.44
LOCATION	L0001663	VOLUME	480892.000	3822971.266	887.36
LOCATION	L0001664	VOLUME	480892.045	3822962.675	887.29
LOCATION	L0001665	VOLUME	480892.090	3822954.084	887.23
LOCATION	L0001666	VOLUME	480892.135	3822945.494	887.18
LOCATION	L0001667	VOLUME	480892.180	3822936.903	887.12
LOCATION	L0001668	VOLUME	480892.225	3822928.312	887.07
LOCATION	L0001669	VOLUME	480892.270	3822919.722	887.04
LOCATION	L0001670	VOLUME	480892.315	3822911.131	887.01
LOCATION	L0001671	VOLUME	480892.360	3822902.540	886.98
LOCATION	L0001672	VOLUME	480892.405	3822893.950	886.95
LOCATION	L0001673	VOLUME	480892.450	3822885.359	886.94
LOCATION	L0001674	VOLUME	480892.495	3822876.768	886.92
LOCATION	L0001675	VOLUME	480892.540	3822868.178	886.90
LOCATION	L0001676	VOLUME	480892.585	3822859.587	886.85
LOCATION	L0001677	VOLUME	480892.630	3822850.996	886.81
LOCATION	L0001678	VOLUME	480892.675	3822842.406	886.76
LOCATION	L0001679	VOLUME	480892.720	3822833.815	886.72
LOCATION	L0001680	VOLUME	480892.765	3822825.224	886.69
LOCATION	L0001681	VOLUME	480892.810	3822816.634	886.65
LOCATION	L0001682	VOLUME	480892.855	3822808.043	886.62
LOCATION	L0001683	VOLUME	480892.900	3822799.452	886.62
LOCATION	L0001684	VOLUME	480892.945	3822790.861	886.61

LOCATION	L0001685	VOLUME	480892.990	3822782.271	886.61
LOCATION	L0001686	VOLUME	480893.035	3822773.680	886.62
LOCATION	L0001687	VOLUME	480893.081	3822765.089	886.65
LOCATION	L0001688	VOLUME	480893.126	3822756.499	886.67
LOCATION	L0001689	VOLUME	480893.171	3822747.908	886.70
LOCATION	L0001690	VOLUME	480893.216	3822739.317	886.71
LOCATION	L0001691	VOLUME	480893.261	3822730.727	886.71
LOCATION	L0001692	VOLUME	480893.306	3822722.136	886.72
LOCATION	L0001693	VOLUME	480893.351	3822713.545	886.72
LOCATION	L0001694	VOLUME	480893.437	3822704.955	886.75
LOCATION	L0001695	VOLUME	480893.544	3822696.365	886.78
LOCATION	L0001696	VOLUME	480893.652	3822687.775	886.81
LOCATION	L0001697	VOLUME	480893.759	3822679.185	886.84
LOCATION	L0001698	VOLUME	480893.867	3822670.595	886.88
LOCATION	L0001699	VOLUME	480893.975	3822662.004	886.92
LOCATION	L0001700	VOLUME	480894.082	3822653.414	886.96
LOCATION	L0001701	VOLUME	480894.190	3822644.824	887.01
LOCATION	L0001702	VOLUME	480894.297	3822636.234	887.07
LOCATION	L0001703	VOLUME	480894.405	3822627.644	887.13
LOCATION	L0001704	VOLUME	480894.513	3822619.054	887.18
LOCATION	L0001705	VOLUME	480894.620	3822610.464	887.23
LOCATION	L0001706	VOLUME	480894.728	3822601.873	887.28
LOCATION	L0001707	VOLUME	480894.835	3822593.283	887.33
LOCATION	L0001708	VOLUME	480894.943	3822584.693	887.41
LOCATION	L0001709	VOLUME	480895.051	3822576.103	887.49
LOCATION	L0001710	VOLUME	480895.158	3822567.513	887.58
LOCATION	L0001711	VOLUME	480895.266	3822558.923	887.66
LOCATION	L0001712	VOLUME	480895.373	3822550.333	887.74
LOCATION	L0001713	VOLUME	480895.481	3822541.743	887.81
LOCATION	L0001714	VOLUME	480895.589	3822533.152	887.88
LOCATION	L0001715	VOLUME	480895.696	3822524.562	887.90

** End of LINE VOLUME Source ID = SLINE5

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0001104	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001105	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001106	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001107	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001108	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001109	0.0000008163	3.50	4.00	1.98

SRCPARAM L0001110	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001111	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001112	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001113	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001114	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001115	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001116	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001117	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001118	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001119	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001120	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001121	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001122	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001123	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001124	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001125	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001126	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001127	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001128	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001129	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001130	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001131	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001132	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001133	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001134	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001135	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001136	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001137	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001138	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001139	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001140	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001141	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001142	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001143	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001144	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001145	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001146	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001147	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001148	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001149	0.0000008163	3.50	4.00	1.98

SRCPARAM L0001150	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001151	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001152	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001153	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001154	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001155	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001156	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001157	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001158	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001159	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001160	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001161	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001162	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001163	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001164	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001165	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001166	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001167	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001168	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001169	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001170	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001171	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001172	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001173	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001174	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001175	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001176	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001177	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001178	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001179	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001180	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001181	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001182	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001183	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001184	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001185	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001186	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001187	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001188	0.0000008163	3.50	4.00	1.98
SRCPARAM L0001189	0.0000008163	3.50	4.00	1.98

SRCPARAM	L0001190	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001191	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001192	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001193	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001194	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001195	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001196	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001197	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001198	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001199	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001200	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001201	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001202	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001203	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001204	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001205	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001206	0.0000008163	3.50	4.00	1.98
SRCPARAM	L0001207	0.0000008163	3.50	4.00	1.98
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SRCPARAM	STCK1	0.0000344	3.500	366.000	51.816 0.1
SRCPARAM	STCK2	0.0000344	3.500	366.000	51.816 0.1
** LINE VOLUME Source ID = SLINE2					
SRCPARAM	L0001208	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001209	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001210	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001211	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001212	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001213	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001214	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001215	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001216	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001217	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001218	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001219	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001220	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001221	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001222	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001223	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001224	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001225	0.00000007397	3.50	4.00	1.63

SRCPARAM	L0001226	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001227	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001228	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001229	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001230	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001231	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001232	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001233	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001234	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001235	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001236	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001237	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001238	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001239	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001240	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001241	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001242	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001243	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001244	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001245	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001246	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001247	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001248	0.00000007397	3.50	4.00	1.63
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SRCPARAM	L0001264	0.00000007397	3.50	4.00	1.63
SRCPARAM	L0001265	0.00000007397	3.50	4.00	1.63

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SRCPARAM L0001302 0.0000002242 3.50 4.00 1.63
SRCPARAM L0001303 0.0000002242 3.50 4.00 1.63

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SRCPARAM	L0001537	0.00000008929	3.50	4.00	1.63
SRCPARAM	L0001538	0.00000008929	3.50	4.00	1.63

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** LINE VOLUME Source ID = SLINE5

SRCPARAM	L0001539	0.00000009322	3.50	4.00	1.63
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[illegible]

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SRCPARAM	L0001583	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001584	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001585	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001618	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001619	0.00000009322	3.50	4.00	1.63

SRCPARAM	L0001620	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001621	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001622	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001669	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001670	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001673	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001677	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001679	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001680	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001681	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001682	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001683	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001684	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001686	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001695	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001699	0.00000009322	3.50	4.00	1.63

SRCPARAM	L0001700	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001701	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001702	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001703	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001704	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001705	0.00000009322	3.50	4.00	1.63
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SRCPARAM	L0001713	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001714	0.00000009322	3.50	4.00	1.63
SRCPARAM	L0001715	0.00000009322	3.50	4.00	1.63

** -----

** Building Downwash **

BUILDHGT	STCK1	0.00	0.00	0.00	4.27	4.27	4.27
BUILDHGT	STCK1	4.27	4.27	4.27	4.27	4.27	4.27
BUILDHGT	STCK1	4.27	4.27	0.00	0.00	0.00	0.00
BUILDHGT	STCK1	0.00	0.00	0.00	4.27	4.27	4.27
BUILDHGT	STCK1	4.27	4.27	4.27	4.27	4.27	4.27
BUILDHGT	STCK1	4.27	4.27	0.00	0.00	0.00	0.00
BUILDHGT	STCK2	0.00	0.00	0.00	4.27	4.27	4.27
BUILDHGT	STCK2	4.27	4.27	4.27	4.27	4.27	4.27
BUILDHGT	STCK2	4.27	4.27	0.00	0.00	0.00	0.00
BUILDHGT	STCK2	0.00	0.00	0.00	4.27	4.27	4.27
BUILDHGT	STCK2	4.27	4.27	4.27	4.27	4.27	4.27
BUILDHGT	STCK2	4.27	4.27	0.00	0.00	0.00	0.00
BUILDWID	STCK1	0.00	0.00	0.00	3.29	3.35	3.35
BUILDWID	STCK1	3.26	3.05	2.75	3.05	3.26	3.35
BUILDWID	STCK1	3.35	3.29	0.00	0.00	0.00	0.00
BUILDWID	STCK1	0.00	0.00	0.00	3.29	3.35	3.35
BUILDWID	STCK1	3.26	3.05	2.75	3.05	3.26	3.35
BUILDWID	STCK1	3.35	3.29	0.00	0.00	0.00	0.00

BUILDWID	STCK2	0.00	0.00	0.00	3.29	3.34	3.34
BUILDWID	STCK2	3.26	3.05	2.75	3.05	3.26	3.34
BUILDWID	STCK2	3.34	3.29	0.00	0.00	0.00	0.00
BUILDWID	STCK2	0.00	0.00	0.00	3.29	3.34	3.34
BUILDWID	STCK2	3.26	3.05	2.75	3.05	3.26	3.34
BUILDWID	STCK2	3.34	3.29	0.00	0.00	0.00	0.00
BUILDLIN	STCK1	0.00	0.00	0.00	3.10	2.60	2.30
BUILDLIN	STCK1	2.12	2.02	1.99	2.02	2.12	2.30
BUILDLIN	STCK1	2.60	3.10	0.00	0.00	0.00	0.00
BUILDLIN	STCK1	0.00	0.00	0.00	3.10	2.60	2.30
BUILDLIN	STCK1	2.12	2.02	1.99	2.02	2.12	2.30
BUILDLIN	STCK1	2.60	3.10	0.00	0.00	0.00	0.00
BUILDLIN	STCK2	0.00	0.00	0.00	3.10	2.60	2.30
BUILDLIN	STCK2	2.12	2.02	1.99	2.02	2.12	2.30
BUILDLIN	STCK2	2.60	3.10	0.00	0.00	0.00	0.00
BUILDLIN	STCK2	0.00	0.00	0.00	3.10	2.60	2.30
BUILDLIN	STCK2	2.12	2.02	1.99	2.02	2.12	2.30
BUILDLIN	STCK2	2.60	3.10	0.00	0.00	0.00	0.00
XBADJ	STCK1	0.00	0.00	0.00	0.87	1.60	2.14
XBADJ	STCK1	2.53	2.76	2.85	2.79	2.58	2.22
XBADJ	STCK1	1.69	0.98	0.00	0.00	0.00	0.00
XBADJ	STCK1	0.00	0.00	0.00	-3.96	-4.20	-4.44
XBADJ	STCK1	-4.65	-4.78	-4.84	-4.81	-4.70	-4.52
XBADJ	STCK1	-4.29	-4.08	0.00	0.00	0.00	0.00
XBADJ	STCK2	0.00	0.00	0.00	-4.21	-4.45	-4.70
XBADJ	STCK2	-4.89	-5.02	-5.05	-4.99	-4.84	-4.62
XBADJ	STCK2	-4.36	-4.10	0.00	0.00	0.00	0.00
XBADJ	STCK2	0.00	0.00	0.00	1.12	1.86	2.40
XBADJ	STCK2	2.78	3.00	3.06	2.97	2.73	2.33
XBADJ	STCK2	1.76	1.00	0.00	0.00	0.00	0.00
YBADJ	STCK1	0.00	0.00	0.00	-2.99	-2.53	-1.99
YBADJ	STCK1	-1.39	-0.74	-0.07	0.59	1.24	1.86
YBADJ	STCK1	2.41	2.90	0.00	0.00	0.00	0.00
YBADJ	STCK1	0.00	0.00	0.00	2.99	2.53	1.99
YBADJ	STCK1	1.39	0.74	0.07	-0.59	-1.24	-1.86

YBADJ	STCK1	-2.41	-2.90	0.00	0.00	0.00	0.00
YBADJ	STCK2	0.00	0.00	0.00	3.06	2.55	1.96
YBADJ	STCK2	1.32	0.63	-0.08	-0.78	-1.46	-2.09
YBADJ	STCK2	-2.66	-3.15	0.00	0.00	0.00	0.00
YBADJ	STCK2	0.00	0.00	0.00	-3.06	-2.55	-1.96
YBADJ	STCK2	-1.32	-0.63	0.08	0.78	1.46	2.09
YBADJ	STCK2	2.66	3.15	0.00	0.00	0.00	0.00

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "19763 Apple Valley Truck and Trailer Facility.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "E:\New MET data\KDAG_723815_23161\KDAG_723815_23161\KDAG_2015_2016_2018-2020_ADJU.SFC"

PROFFILE "E:\New MET data\KDAG_723815_23161\KDAG_723815_23161\KDAG_2015_2016_2018-2020_ADJU.PFL"

SURFDATA 23161 2015 DAGGETT/FAA_AIRPORT

UAIRDATA 3120 2015

PROFBASE 584.3 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

** Auto-Generated Plotfiles
PLOTFILE PERIOD ALL "19763 Apple Valley Truck and Trailer Facility.AD\PE00GALL.PLT" 31
SUMMFILE "19763 Apple Valley Truck and Trailer Facility.sum"
OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
SO W320 859 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 860 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
ME W186 1472 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1472 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
04/11/25
*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
17:29:23

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1
*** MODELOPTs: RegDFault CONC ELEV RURAL 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 RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

****Model Calculates PERIOD Averages Only**

****This Run Includes:** 614 Source(s); 1 Source Group(s); and 543 Receptor(s)

with: 2 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
and: 612 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: 19191**

****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) = 584.30 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 19763 Apple Valley Truck and Trailer Facility.err

**File for Summary of Results: 19763 Apple Valley Truck and Trailer Facility.sum

▲ *** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
 04/11/25
 *** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** POINT SOURCE DATA ***

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

STCK1	0	0.34400E-04	482390.6	3823862.7	890.8	3.50	366.00	51.82	0.10	YES	NO	NO
STCK2	0	0.34400E-04	482398.5	3823862.7	890.8	3.50	366.00	51.82	0.10	YES	NO	NO

^ *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
 04/11/25
 *** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
 17:29:23

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001104	0	0.81630E-06	482394.9	3823901.9	891.2	3.50	4.00	1.98	NO		NO
L0001105	0	0.81630E-06	482394.9	3823893.3	891.0	3.50	4.00	1.98	NO		NO
L0001106	0	0.81630E-06	482394.9	3823884.7	890.9	3.50	4.00	1.98	NO		NO
L0001107	0	0.81630E-06	482394.9	3823876.1	890.9	3.50	4.00	1.98	NO		NO
L0001108	0	0.81630E-06	482394.6	3823867.5	890.8	3.50	4.00	1.98	NO		NO
L0001109	0	0.81630E-06	482394.3	3823858.9	890.8	3.50	4.00	1.98	NO		NO
L0001110	0	0.81630E-06	482392.5	3823850.6	890.7	3.50	4.00	1.98	NO		NO
L0001111	0	0.81630E-06	482386.1	3823847.3	890.8	3.50	4.00	1.98	NO		NO
L0001112	0	0.81630E-06	482377.5	3823846.8	890.8	3.50	4.00	1.98	NO		NO
L0001113	0	0.81630E-06	482368.9	3823846.2	890.8	3.50	4.00	1.98	NO		NO
L0001114	0	0.81630E-06	482360.4	3823845.7	890.8	3.50	4.00	1.98	NO		NO
L0001115	0	0.81630E-06	482351.8	3823845.4	890.8	3.50	4.00	1.98	NO		NO
L0001116	0	0.81630E-06	482343.2	3823845.1	890.8	3.50	4.00	1.98	NO		NO
L0001117	0	0.81630E-06	482340.8	3823838.9	890.8	3.50	4.00	1.98	NO		NO
L0001118	0	0.81630E-06	482340.9	3823830.3	890.8	3.50	4.00	1.98	NO		NO
L0001119	0	0.81630E-06	482341.0	3823821.7	890.8	3.50	4.00	1.98	NO		NO
L0001120	0	0.81630E-06	482341.1	3823813.1	890.8	3.50	4.00	1.98	NO		NO

L0001121	0	0.81630E-06	482341.1	3823804.5	890.8	3.50	4.00	1.98	NO	NO
L0001122	0	0.81630E-06	482341.2	3823795.9	890.7	3.50	4.00	1.98	NO	NO
L0001123	0	0.81630E-06	482341.3	3823787.3	890.7	3.50	4.00	1.98	NO	NO
L0001124	0	0.81630E-06	482341.4	3823778.8	890.6	3.50	4.00	1.98	NO	NO
L0001125	0	0.81630E-06	482341.4	3823770.2	890.6	3.50	4.00	1.98	NO	NO
L0001126	0	0.81630E-06	482341.5	3823761.6	890.5	3.50	4.00	1.98	NO	NO
L0001127	0	0.81630E-06	482341.6	3823753.0	890.5	3.50	4.00	1.98	NO	NO
L0001128	0	0.81630E-06	482341.7	3823744.4	890.5	3.50	4.00	1.98	NO	NO
L0001129	0	0.81630E-06	482341.7	3823735.8	890.5	3.50	4.00	1.98	NO	NO
L0001130	0	0.81630E-06	482341.8	3823727.2	890.5	3.50	4.00	1.98	NO	NO
L0001131	0	0.81630E-06	482341.9	3823718.6	890.5	3.50	4.00	1.98	NO	NO
L0001132	0	0.81630E-06	482342.0	3823710.0	890.4	3.50	4.00	1.98	NO	NO
L0001133	0	0.81630E-06	482342.0	3823701.4	890.4	3.50	4.00	1.98	NO	NO
L0001134	0	0.81630E-06	482342.1	3823692.8	890.6	3.50	4.00	1.98	NO	NO
L0001135	0	0.81630E-06	482342.2	3823684.3	890.9	3.50	4.00	1.98	NO	NO
L0001136	0	0.81630E-06	482342.3	3823675.7	891.2	3.50	4.00	1.98	NO	NO
L0001137	0	0.81630E-06	482342.3	3823667.1	891.5	3.50	4.00	1.98	NO	NO
L0001138	0	0.81630E-06	482342.4	3823658.5	891.6	3.50	4.00	1.98	NO	NO
L0001139	0	0.81630E-06	482342.5	3823649.9	891.7	3.50	4.00	1.98	NO	NO
L0001140	0	0.81630E-06	482343.0	3823641.4	891.8	3.50	4.00	1.98	NO	NO
L0001141	0	0.81630E-06	482348.5	3823635.7	891.7	3.50	4.00	1.98	NO	NO
L0001142	0	0.81630E-06	482356.9	3823633.9	891.4	3.50	4.00	1.98	NO	NO
L0001143	0	0.81630E-06	482365.4	3823633.2	891.1	3.50	4.00	1.98	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001144	0	0.81630E-06	482374.0	3823633.3	890.9	3.50	4.00	1.98	NO		NO

L0001145	0	0.81630E-06	482382.6	3823633.4	890.7	3.50	4.00	1.98	NO	NO
L0001146	0	0.81630E-06	482391.1	3823633.6	890.5	3.50	4.00	1.98	NO	NO
L0001147	0	0.81630E-06	482399.7	3823633.7	890.3	3.50	4.00	1.98	NO	NO
L0001148	0	0.81630E-06	482408.3	3823633.8	890.1	3.50	4.00	1.98	NO	NO
L0001149	0	0.81630E-06	482416.9	3823634.0	890.0	3.50	4.00	1.98	NO	NO
L0001150	0	0.81630E-06	482425.5	3823634.1	889.9	3.50	4.00	1.98	NO	NO
L0001151	0	0.81630E-06	482434.1	3823634.3	889.9	3.50	4.00	1.98	NO	NO
L0001152	0	0.81630E-06	482442.7	3823634.4	889.9	3.50	4.00	1.98	NO	NO
L0001153	0	0.81630E-06	482451.3	3823634.5	889.9	3.50	4.00	1.98	NO	NO
L0001154	0	0.81630E-06	482457.7	3823639.4	889.8	3.50	4.00	1.98	NO	NO
L0001155	0	0.81630E-06	482457.8	3823647.9	889.9	3.50	4.00	1.98	NO	NO
L0001156	0	0.81630E-06	482457.6	3823656.5	889.9	3.50	4.00	1.98	NO	NO
L0001157	0	0.81630E-06	482457.4	3823665.0	890.0	3.50	4.00	1.98	NO	NO
L0001158	0	0.81630E-06	482457.1	3823673.6	890.0	3.50	4.00	1.98	NO	NO
L0001159	0	0.81630E-06	482456.9	3823682.2	889.9	3.50	4.00	1.98	NO	NO
L0001160	0	0.81630E-06	482456.6	3823690.8	889.9	3.50	4.00	1.98	NO	NO
L0001161	0	0.81630E-06	482456.4	3823699.4	889.9	3.50	4.00	1.98	NO	NO
L0001162	0	0.81630E-06	482456.2	3823708.0	890.0	3.50	4.00	1.98	NO	NO
L0001163	0	0.81630E-06	482455.9	3823716.6	890.1	3.50	4.00	1.98	NO	NO
L0001164	0	0.81630E-06	482455.7	3823725.2	890.2	3.50	4.00	1.98	NO	NO
L0001165	0	0.81630E-06	482455.5	3823733.7	890.2	3.50	4.00	1.98	NO	NO
L0001166	0	0.81630E-06	482455.2	3823742.3	890.2	3.50	4.00	1.98	NO	NO
L0001167	0	0.81630E-06	482455.0	3823750.9	890.2	3.50	4.00	1.98	NO	NO
L0001168	0	0.81630E-06	482454.8	3823759.5	890.2	3.50	4.00	1.98	NO	NO
L0001169	0	0.81630E-06	482454.5	3823768.1	890.2	3.50	4.00	1.98	NO	NO
L0001170	0	0.81630E-06	482454.3	3823776.7	890.2	3.50	4.00	1.98	NO	NO
L0001171	0	0.81630E-06	482454.1	3823785.3	890.2	3.50	4.00	1.98	NO	NO
L0001172	0	0.81630E-06	482453.8	3823793.9	890.2	3.50	4.00	1.98	NO	NO
L0001173	0	0.81630E-06	482453.6	3823802.4	890.2	3.50	4.00	1.98	NO	NO
L0001174	0	0.81630E-06	482453.4	3823811.0	890.3	3.50	4.00	1.98	NO	NO
L0001175	0	0.81630E-06	482453.1	3823819.6	890.3	3.50	4.00	1.98	NO	NO
L0001176	0	0.81630E-06	482452.9	3823828.2	890.4	3.50	4.00	1.98	NO	NO
L0001177	0	0.81630E-06	482452.7	3823836.8	890.5	3.50	4.00	1.98	NO	NO
L0001178	0	0.81630E-06	482450.5	3823844.2	890.6	3.50	4.00	1.98	NO	NO
L0001179	0	0.81630E-06	482442.6	3823846.7	890.6	3.50	4.00	1.98	NO	NO
L0001180	0	0.81630E-06	482434.0	3823846.3	890.6	3.50	4.00	1.98	NO	NO
L0001181	0	0.81630E-06	482425.4	3823846.0	890.6	3.50	4.00	1.98	NO	NO
L0001182	0	0.81630E-06	482417.0	3823844.5	890.6	3.50	4.00	1.98	NO	NO
L0001183	0	0.81630E-06	482408.5	3823843.0	890.6	3.50	4.00	1.98	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001184	0	0.81630E-06	482401.3	3823839.9	890.6	3.50	4.00	1.98	NO		NO
L0001185	0	0.81630E-06	482397.6	3823832.1	890.6	3.50	4.00	1.98	NO		NO
L0001186	0	0.81630E-06	482397.1	3823823.7	890.6	3.50	4.00	1.98	NO		NO
L0001187	0	0.81630E-06	482397.2	3823815.1	890.6	3.50	4.00	1.98	NO		NO
L0001188	0	0.81630E-06	482397.4	3823806.5	890.7	3.50	4.00	1.98	NO		NO
L0001189	0	0.81630E-06	482397.6	3823797.9	890.8	3.50	4.00	1.98	NO		NO
L0001190	0	0.81630E-06	482397.8	3823789.3	890.9	3.50	4.00	1.98	NO		NO
L0001191	0	0.81630E-06	482397.9	3823780.7	890.9	3.50	4.00	1.98	NO		NO
L0001192	0	0.81630E-06	482398.1	3823772.1	890.9	3.50	4.00	1.98	NO		NO
L0001193	0	0.81630E-06	482398.3	3823763.6	890.9	3.50	4.00	1.98	NO		NO
L0001194	0	0.81630E-06	482398.4	3823755.0	890.9	3.50	4.00	1.98	NO		NO
L0001195	0	0.81630E-06	482398.6	3823746.4	891.0	3.50	4.00	1.98	NO		NO
L0001196	0	0.81630E-06	482398.8	3823737.8	891.0	3.50	4.00	1.98	NO		NO
L0001197	0	0.81630E-06	482398.9	3823729.2	891.1	3.50	4.00	1.98	NO		NO
L0001198	0	0.81630E-06	482399.1	3823720.6	891.3	3.50	4.00	1.98	NO		NO
L0001199	0	0.81630E-06	482399.3	3823712.0	891.5	3.50	4.00	1.98	NO		NO
L0001200	0	0.81630E-06	482399.4	3823703.4	891.7	3.50	4.00	1.98	NO		NO
L0001201	0	0.81630E-06	482399.6	3823694.8	891.8	3.50	4.00	1.98	NO		NO
L0001202	0	0.81630E-06	482399.8	3823686.3	891.6	3.50	4.00	1.98	NO		NO
L0001203	0	0.81630E-06	482399.9	3823677.7	891.4	3.50	4.00	1.98	NO		NO
L0001204	0	0.81630E-06	482400.1	3823669.1	891.3	3.50	4.00	1.98	NO		NO
L0001205	0	0.81630E-06	482400.3	3823660.5	891.0	3.50	4.00	1.98	NO		NO
L0001206	0	0.81630E-06	482400.5	3823651.9	890.8	3.50	4.00	1.98	NO		NO
L0001207	0	0.81630E-06	482400.6	3823643.3	890.5	3.50	4.00	1.98	NO		NO
L0001208	0	0.73970E-07	482402.6	3823924.3	891.3	3.50	4.00	1.63	NO		NO

L0001209	0	0.73970E-07	482411.2	3823924.3	891.3	3.50	4.00	1.63	NO	NO
L0001210	0	0.73970E-07	482419.8	3823924.2	891.2	3.50	4.00	1.63	NO	NO
L0001211	0	0.73970E-07	482428.4	3823924.2	891.2	3.50	4.00	1.63	NO	NO
L0001212	0	0.73970E-07	482437.0	3823924.2	891.1	3.50	4.00	1.63	NO	NO
L0001213	0	0.73970E-07	482445.6	3823924.1	891.1	3.50	4.00	1.63	NO	NO
L0001214	0	0.73970E-07	482454.1	3823924.1	891.1	3.50	4.00	1.63	NO	NO
L0001215	0	0.73970E-07	482462.7	3823924.1	891.1	3.50	4.00	1.63	NO	NO
L0001216	0	0.73970E-07	482471.3	3823924.1	891.1	3.50	4.00	1.63	NO	NO
L0001217	0	0.73970E-07	482479.9	3823924.0	891.1	3.50	4.00	1.63	NO	NO
L0001218	0	0.73970E-07	482488.5	3823924.0	891.0	3.50	4.00	1.63	NO	NO
L0001219	0	0.73970E-07	482497.1	3823924.0	890.9	3.50	4.00	1.63	NO	NO
L0001220	0	0.73970E-07	482505.7	3823924.0	890.8	3.50	4.00	1.63	NO	NO
L0001221	0	0.73970E-07	482514.3	3823923.9	890.9	3.50	4.00	1.63	NO	NO
L0001222	0	0.73970E-07	482522.9	3823923.9	890.9	3.50	4.00	1.63	NO	NO
L0001223	0	0.73970E-07	482531.5	3823923.9	891.0	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001224	0	0.73970E-07	482540.0	3823923.8	891.0	3.50	4.00	1.63	NO		NO
L0001225	0	0.73970E-07	482548.6	3823923.8	891.1	3.50	4.00	1.63	NO		NO
L0001226	0	0.73970E-07	482557.2	3823923.8	891.1	3.50	4.00	1.63	NO		NO
L0001227	0	0.73970E-07	482565.8	3823923.8	891.1	3.50	4.00	1.63	NO		NO
L0001228	0	0.73970E-07	482574.4	3823923.7	891.1	3.50	4.00	1.63	NO		NO
L0001229	0	0.73970E-07	482583.0	3823923.7	891.1	3.50	4.00	1.63	NO		NO
L0001230	0	0.73970E-07	482591.6	3823923.7	891.1	3.50	4.00	1.63	NO		NO
L0001231	0	0.73970E-07	482600.2	3823923.7	891.0	3.50	4.00	1.63	NO		NO
L0001232	0	0.73970E-07	482608.8	3823923.6	891.0	3.50	4.00	1.63	NO		NO

L0001233	0	0.73970E-07	482617.4	3823923.6	891.0	3.50	4.00	1.63	NO	NO
L0001234	0	0.73970E-07	482626.0	3823923.6	891.0	3.50	4.00	1.63	NO	NO
L0001235	0	0.73970E-07	482634.5	3823923.5	891.0	3.50	4.00	1.63	NO	NO
L0001236	0	0.73970E-07	482643.1	3823923.5	891.1	3.50	4.00	1.63	NO	NO
L0001237	0	0.73970E-07	482651.7	3823923.5	891.3	3.50	4.00	1.63	NO	NO
L0001238	0	0.73970E-07	482660.3	3823923.5	891.3	3.50	4.00	1.63	NO	NO
L0001239	0	0.73970E-07	482668.9	3823923.4	891.2	3.50	4.00	1.63	NO	NO
L0001240	0	0.73970E-07	482677.5	3823923.4	891.1	3.50	4.00	1.63	NO	NO
L0001241	0	0.73970E-07	482686.1	3823923.4	891.0	3.50	4.00	1.63	NO	NO
L0001242	0	0.73970E-07	482694.7	3823923.4	890.9	3.50	4.00	1.63	NO	NO
L0001243	0	0.73970E-07	482703.3	3823923.3	890.9	3.50	4.00	1.63	NO	NO
L0001244	0	0.73970E-07	482711.9	3823923.3	890.9	3.50	4.00	1.63	NO	NO
L0001245	0	0.73970E-07	482720.5	3823923.3	890.9	3.50	4.00	1.63	NO	NO
L0001246	0	0.73970E-07	482729.0	3823923.2	890.9	3.50	4.00	1.63	NO	NO
L0001247	0	0.73970E-07	482737.6	3823923.2	890.9	3.50	4.00	1.63	NO	NO
L0001248	0	0.73970E-07	482746.2	3823923.2	890.8	3.50	4.00	1.63	NO	NO
L0001249	0	0.73970E-07	482754.8	3823923.2	890.8	3.50	4.00	1.63	NO	NO
L0001250	0	0.73970E-07	482763.4	3823923.1	890.7	3.50	4.00	1.63	NO	NO
L0001251	0	0.73970E-07	482772.0	3823923.1	890.6	3.50	4.00	1.63	NO	NO
L0001252	0	0.73970E-07	482780.6	3823923.1	890.6	3.50	4.00	1.63	NO	NO
L0001253	0	0.73970E-07	482789.2	3823923.1	890.5	3.50	4.00	1.63	NO	NO
L0001254	0	0.73970E-07	482797.8	3823923.0	890.6	3.50	4.00	1.63	NO	NO
L0001255	0	0.73970E-07	482806.4	3823923.0	890.6	3.50	4.00	1.63	NO	NO
L0001256	0	0.73970E-07	482815.0	3823923.0	890.6	3.50	4.00	1.63	NO	NO
L0001257	0	0.73970E-07	482823.5	3823922.9	890.6	3.50	4.00	1.63	NO	NO
L0001258	0	0.73970E-07	482832.1	3823922.9	890.6	3.50	4.00	1.63	NO	NO
L0001259	0	0.73970E-07	482840.7	3823922.9	890.5	3.50	4.00	1.63	NO	NO
L0001260	0	0.73970E-07	482849.3	3823922.9	890.5	3.50	4.00	1.63	NO	NO
L0001261	0	0.73970E-07	482857.9	3823922.8	890.4	3.50	4.00	1.63	NO	NO
L0001262	0	0.73970E-07	482866.5	3823922.8	890.3	3.50	4.00	1.63	NO	NO
L0001263	0	0.73970E-07	482875.1	3823922.8	890.3	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001264	0	0.73970E-07	482883.7	3823922.8	890.2	3.50	4.00	1.63	NO		NO
L0001265	0	0.73970E-07	482892.3	3823922.7	890.2	3.50	4.00	1.63	NO		NO
L0001266	0	0.22420E-06	481011.8	3823928.0	890.8	3.50	4.00	1.63	NO		NO
L0001267	0	0.22420E-06	481020.4	3823928.0	890.7	3.50	4.00	1.63	NO		NO
L0001268	0	0.22420E-06	481029.0	3823928.0	890.6	3.50	4.00	1.63	NO		NO
L0001269	0	0.22420E-06	481037.5	3823927.9	890.6	3.50	4.00	1.63	NO		NO
L0001270	0	0.22420E-06	481046.1	3823927.9	890.6	3.50	4.00	1.63	NO		NO
L0001271	0	0.22420E-06	481054.7	3823927.9	890.6	3.50	4.00	1.63	NO		NO
L0001272	0	0.22420E-06	481063.3	3823927.8	890.6	3.50	4.00	1.63	NO		NO
L0001273	0	0.22420E-06	481071.9	3823927.8	890.7	3.50	4.00	1.63	NO		NO
L0001274	0	0.22420E-06	481080.5	3823927.8	890.7	3.50	4.00	1.63	NO		NO
L0001275	0	0.22420E-06	481089.1	3823927.7	890.7	3.50	4.00	1.63	NO		NO
L0001276	0	0.22420E-06	481097.7	3823927.7	890.7	3.50	4.00	1.63	NO		NO
L0001277	0	0.22420E-06	481106.3	3823927.7	890.7	3.50	4.00	1.63	NO		NO
L0001278	0	0.22420E-06	481114.9	3823927.6	890.6	3.50	4.00	1.63	NO		NO
L0001279	0	0.22420E-06	481123.5	3823927.6	890.6	3.50	4.00	1.63	NO		NO
L0001280	0	0.22420E-06	481132.0	3823927.6	890.5	3.50	4.00	1.63	NO		NO
L0001281	0	0.22420E-06	481140.6	3823927.6	890.4	3.50	4.00	1.63	NO		NO
L0001282	0	0.22420E-06	481149.2	3823927.5	890.4	3.50	4.00	1.63	NO		NO
L0001283	0	0.22420E-06	481157.8	3823927.5	890.4	3.50	4.00	1.63	NO		NO
L0001284	0	0.22420E-06	481166.4	3823927.5	890.4	3.50	4.00	1.63	NO		NO
L0001285	0	0.22420E-06	481175.0	3823927.4	890.4	3.50	4.00	1.63	NO		NO
L0001286	0	0.22420E-06	481183.6	3823927.4	890.4	3.50	4.00	1.63	NO		NO
L0001287	0	0.22420E-06	481192.2	3823927.4	890.4	3.50	4.00	1.63	NO		NO
L0001288	0	0.22420E-06	481200.8	3823927.3	890.4	3.50	4.00	1.63	NO		NO
L0001289	0	0.22420E-06	481209.4	3823927.3	890.4	3.50	4.00	1.63	NO		NO
L0001290	0	0.22420E-06	481217.9	3823927.3	890.4	3.50	4.00	1.63	NO		NO
L0001291	0	0.22420E-06	481226.5	3823927.2	890.4	3.50	4.00	1.63	NO		NO
L0001292	0	0.22420E-06	481235.1	3823927.2	890.4	3.50	4.00	1.63	NO		NO
L0001293	0	0.22420E-06	481243.7	3823927.2	890.4	3.50	4.00	1.63	NO		NO
L0001294	0	0.22420E-06	481252.3	3823927.1	890.4	3.50	4.00	1.63	NO		NO
L0001295	0	0.22420E-06	481260.9	3823927.1	890.5	3.50	4.00	1.63	NO		NO
L0001296	0	0.22420E-06	481269.5	3823927.1	890.5	3.50	4.00	1.63	NO		NO

L0001297	0	0.22420E-06	481278.1	3823927.0	890.5	3.50	4.00	1.63	NO	NO
L0001298	0	0.22420E-06	481286.7	3823927.0	890.6	3.50	4.00	1.63	NO	NO
L0001299	0	0.22420E-06	481295.3	3823927.0	890.6	3.50	4.00	1.63	NO	NO
L0001300	0	0.22420E-06	481303.9	3823926.9	890.6	3.50	4.00	1.63	NO	NO
L0001301	0	0.22420E-06	481312.4	3823926.9	890.6	3.50	4.00	1.63	NO	NO
L0001302	0	0.22420E-06	481321.0	3823926.9	890.6	3.50	4.00	1.63	NO	NO
L0001303	0	0.22420E-06	481329.6	3823926.8	890.6	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001304	0	0.22420E-06	481338.2	3823926.8	890.6	3.50	4.00	1.63	NO		NO
L0001305	0	0.22420E-06	481346.8	3823926.8	890.6	3.50	4.00	1.63	NO		NO
L0001306	0	0.22420E-06	481355.4	3823926.7	890.6	3.50	4.00	1.63	NO		NO
L0001307	0	0.22420E-06	481364.0	3823926.7	890.6	3.50	4.00	1.63	NO		NO
L0001308	0	0.22420E-06	481372.6	3823926.7	890.7	3.50	4.00	1.63	NO		NO
L0001309	0	0.22420E-06	481381.2	3823926.6	890.8	3.50	4.00	1.63	NO		NO
L0001310	0	0.22420E-06	481389.8	3823926.6	890.8	3.50	4.00	1.63	NO		NO
L0001311	0	0.22420E-06	481398.4	3823926.6	890.8	3.50	4.00	1.63	NO		NO
L0001312	0	0.22420E-06	481406.9	3823926.5	890.8	3.50	4.00	1.63	NO		NO
L0001313	0	0.22420E-06	481415.5	3823926.5	890.8	3.50	4.00	1.63	NO		NO
L0001314	0	0.22420E-06	481424.1	3823926.5	890.8	3.50	4.00	1.63	NO		NO
L0001315	0	0.22420E-06	481432.7	3823926.4	890.7	3.50	4.00	1.63	NO		NO
L0001316	0	0.22420E-06	481441.3	3823926.4	890.7	3.50	4.00	1.63	NO		NO
L0001317	0	0.22420E-06	481449.9	3823926.4	890.7	3.50	4.00	1.63	NO		NO
L0001318	0	0.22420E-06	481458.5	3823926.3	890.8	3.50	4.00	1.63	NO		NO
L0001319	0	0.22420E-06	481467.1	3823926.3	890.8	3.50	4.00	1.63	NO		NO
L0001320	0	0.22420E-06	481475.7	3823926.3	890.8	3.50	4.00	1.63	NO		NO

L0001321	0	0.22420E-06	481484.3	3823926.2	890.8	3.50	4.00	1.63	NO	NO
L0001322	0	0.22420E-06	481492.9	3823926.2	890.8	3.50	4.00	1.63	NO	NO
L0001323	0	0.22420E-06	481501.4	3823926.2	890.8	3.50	4.00	1.63	NO	NO
L0001324	0	0.22420E-06	481510.0	3823926.1	890.8	3.50	4.00	1.63	NO	NO
L0001325	0	0.22420E-06	481518.6	3823926.1	890.8	3.50	4.00	1.63	NO	NO
L0001326	0	0.22420E-06	481527.2	3823926.1	890.8	3.50	4.00	1.63	NO	NO
L0001327	0	0.22420E-06	481535.8	3823926.0	890.8	3.50	4.00	1.63	NO	NO
L0001328	0	0.22420E-06	481544.4	3823926.0	890.8	3.50	4.00	1.63	NO	NO
L0001329	0	0.22420E-06	481553.0	3823926.0	890.7	3.50	4.00	1.63	NO	NO
L0001330	0	0.22420E-06	481561.6	3823925.9	890.6	3.50	4.00	1.63	NO	NO
L0001331	0	0.22420E-06	481570.2	3823925.9	890.6	3.50	4.00	1.63	NO	NO
L0001332	0	0.22420E-06	481578.8	3823925.9	890.6	3.50	4.00	1.63	NO	NO
L0001333	0	0.22420E-06	481587.4	3823925.8	890.6	3.50	4.00	1.63	NO	NO
L0001334	0	0.22420E-06	481595.9	3823925.8	890.7	3.50	4.00	1.63	NO	NO
L0001335	0	0.22420E-06	481604.5	3823925.8	890.7	3.50	4.00	1.63	NO	NO
L0001336	0	0.22420E-06	481613.1	3823925.7	890.8	3.50	4.00	1.63	NO	NO
L0001337	0	0.22420E-06	481621.7	3823925.7	890.8	3.50	4.00	1.63	NO	NO
L0001338	0	0.22420E-06	481630.3	3823925.7	890.8	3.50	4.00	1.63	NO	NO
L0001339	0	0.22420E-06	481638.9	3823925.6	890.9	3.50	4.00	1.63	NO	NO
L0001340	0	0.22420E-06	481647.5	3823925.6	890.8	3.50	4.00	1.63	NO	NO
L0001341	0	0.22420E-06	481656.1	3823925.6	890.8	3.50	4.00	1.63	NO	NO
L0001342	0	0.22420E-06	481664.7	3823925.5	890.7	3.50	4.00	1.63	NO	NO
L0001343	0	0.22420E-06	481673.3	3823925.5	890.7	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001344	0	0.22420E-06	481681.8	3823925.5	890.7	3.50	4.00	1.63	NO		NO

L0001345	0	0.22420E-06	481690.4	3823925.4	890.8	3.50	4.00	1.63	NO	NO
L0001346	0	0.22420E-06	481699.0	3823925.4	890.7	3.50	4.00	1.63	NO	NO
L0001347	0	0.22420E-06	481707.6	3823925.4	890.7	3.50	4.00	1.63	NO	NO
L0001348	0	0.22420E-06	481716.2	3823925.3	890.7	3.50	4.00	1.63	NO	NO
L0001349	0	0.22420E-06	481724.8	3823925.3	890.7	3.50	4.00	1.63	NO	NO
L0001350	0	0.22420E-06	481733.4	3823925.3	890.8	3.50	4.00	1.63	NO	NO
L0001351	0	0.22420E-06	481742.0	3823925.2	890.8	3.50	4.00	1.63	NO	NO
L0001352	0	0.22420E-06	481750.6	3823925.2	890.8	3.50	4.00	1.63	NO	NO
L0001353	0	0.22420E-06	481759.2	3823925.2	890.8	3.50	4.00	1.63	NO	NO
L0001354	0	0.22420E-06	481767.8	3823925.1	890.8	3.50	4.00	1.63	NO	NO
L0001355	0	0.22420E-06	481776.3	3823925.1	890.8	3.50	4.00	1.63	NO	NO
L0001356	0	0.22420E-06	481784.9	3823925.1	890.9	3.50	4.00	1.63	NO	NO
L0001357	0	0.22420E-06	481793.5	3823925.0	890.9	3.50	4.00	1.63	NO	NO
L0001358	0	0.22420E-06	481802.1	3823925.0	890.9	3.50	4.00	1.63	NO	NO
L0001359	0	0.22420E-06	481810.7	3823925.0	890.9	3.50	4.00	1.63	NO	NO
L0001360	0	0.22420E-06	481819.3	3823924.9	891.0	3.50	4.00	1.63	NO	NO
L0001361	0	0.22420E-06	481827.9	3823924.9	890.9	3.50	4.00	1.63	NO	NO
L0001362	0	0.22420E-06	481836.5	3823924.9	890.9	3.50	4.00	1.63	NO	NO
L0001363	0	0.22420E-06	481845.1	3823924.8	890.9	3.50	4.00	1.63	NO	NO
L0001364	0	0.22420E-06	481853.7	3823924.8	890.9	3.50	4.00	1.63	NO	NO
L0001365	0	0.22420E-06	481862.3	3823924.8	890.8	3.50	4.00	1.63	NO	NO
L0001366	0	0.22420E-06	481870.8	3823924.8	890.8	3.50	4.00	1.63	NO	NO
L0001367	0	0.22420E-06	481879.4	3823924.7	890.8	3.50	4.00	1.63	NO	NO
L0001368	0	0.22420E-06	481888.0	3823924.7	890.8	3.50	4.00	1.63	NO	NO
L0001369	0	0.22420E-06	481896.6	3823924.7	890.8	3.50	4.00	1.63	NO	NO
L0001370	0	0.22420E-06	481905.2	3823924.6	890.8	3.50	4.00	1.63	NO	NO
L0001371	0	0.22420E-06	481913.8	3823924.6	890.8	3.50	4.00	1.63	NO	NO
L0001372	0	0.22420E-06	481922.4	3823924.6	890.8	3.50	4.00	1.63	NO	NO
L0001373	0	0.22420E-06	481931.0	3823924.5	890.8	3.50	4.00	1.63	NO	NO
L0001374	0	0.22420E-06	481939.6	3823924.5	890.8	3.50	4.00	1.63	NO	NO
L0001375	0	0.22420E-06	481948.2	3823924.5	890.9	3.50	4.00	1.63	NO	NO
L0001376	0	0.22420E-06	481956.8	3823924.4	890.9	3.50	4.00	1.63	NO	NO
L0001377	0	0.22420E-06	481965.3	3823924.4	890.9	3.50	4.00	1.63	NO	NO
L0001378	0	0.22420E-06	481973.9	3823924.4	890.9	3.50	4.00	1.63	NO	NO
L0001379	0	0.22420E-06	481982.5	3823924.3	890.9	3.50	4.00	1.63	NO	NO
L0001380	0	0.22420E-06	481991.1	3823924.3	891.0	3.50	4.00	1.63	NO	NO
L0001381	0	0.22420E-06	481999.7	3823924.3	891.0	3.50	4.00	1.63	NO	NO
L0001382	0	0.22420E-06	482008.3	3823924.2	891.1	3.50	4.00	1.63	NO	NO
L0001383	0	0.22420E-06	482016.9	3823924.2	891.1	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001384	0	0.22420E-06	482025.5	3823924.2	891.2	3.50	4.00	1.63	NO		NO
L0001385	0	0.22420E-06	482034.1	3823924.1	891.2	3.50	4.00	1.63	NO		NO
L0001386	0	0.22420E-06	482042.7	3823924.1	891.3	3.50	4.00	1.63	NO		NO
L0001387	0	0.22420E-06	482051.2	3823924.1	891.3	3.50	4.00	1.63	NO		NO
L0001388	0	0.22420E-06	482059.8	3823924.0	891.3	3.50	4.00	1.63	NO		NO
L0001389	0	0.22420E-06	482068.4	3823924.0	891.3	3.50	4.00	1.63	NO		NO
L0001390	0	0.22420E-06	482077.0	3823924.0	891.3	3.50	4.00	1.63	NO		NO
L0001391	0	0.22420E-06	482085.6	3823923.9	891.3	3.50	4.00	1.63	NO		NO
L0001392	0	0.22420E-06	482094.2	3823923.9	891.3	3.50	4.00	1.63	NO		NO
L0001393	0	0.22420E-06	482102.8	3823923.9	891.3	3.50	4.00	1.63	NO		NO
L0001394	0	0.22420E-06	482111.4	3823923.8	891.4	3.50	4.00	1.63	NO		NO
L0001395	0	0.22420E-06	482120.0	3823923.8	891.4	3.50	4.00	1.63	NO		NO
L0001396	0	0.22420E-06	482128.6	3823923.8	891.4	3.50	4.00	1.63	NO		NO
L0001397	0	0.22420E-06	482137.2	3823923.7	891.4	3.50	4.00	1.63	NO		NO
L0001398	0	0.22420E-06	482145.7	3823923.7	891.4	3.50	4.00	1.63	NO		NO
L0001399	0	0.22420E-06	482154.3	3823923.7	891.4	3.50	4.00	1.63	NO		NO
L0001400	0	0.22420E-06	482162.9	3823923.6	891.4	3.50	4.00	1.63	NO		NO
L0001401	0	0.22420E-06	482171.5	3823923.6	891.4	3.50	4.00	1.63	NO		NO
L0001402	0	0.22420E-06	482180.1	3823923.6	891.4	3.50	4.00	1.63	NO		NO
L0001403	0	0.22420E-06	482188.7	3823923.5	891.4	3.50	4.00	1.63	NO		NO
L0001404	0	0.22420E-06	482197.3	3823923.5	891.4	3.50	4.00	1.63	NO		NO
L0001405	0	0.22420E-06	482205.9	3823923.5	891.4	3.50	4.00	1.63	NO		NO
L0001406	0	0.22420E-06	482214.5	3823923.4	891.5	3.50	4.00	1.63	NO		NO
L0001407	0	0.22420E-06	482223.1	3823923.4	891.5	3.50	4.00	1.63	NO		NO
L0001408	0	0.22420E-06	482231.7	3823923.4	891.5	3.50	4.00	1.63	NO		NO

L0001409	0	0.22420E-06	482240.2	3823923.3	891.5	3.50	4.00	1.63	NO	NO
L0001410	0	0.22420E-06	482248.8	3823923.3	891.6	3.50	4.00	1.63	NO	NO
L0001411	0	0.22420E-06	482257.4	3823923.3	891.6	3.50	4.00	1.63	NO	NO
L0001412	0	0.22420E-06	482266.0	3823923.2	891.5	3.50	4.00	1.63	NO	NO
L0001413	0	0.22420E-06	482274.6	3823923.2	891.5	3.50	4.00	1.63	NO	NO
L0001414	0	0.22420E-06	482283.2	3823923.2	891.4	3.50	4.00	1.63	NO	NO
L0001415	0	0.22420E-06	482291.8	3823923.1	891.4	3.50	4.00	1.63	NO	NO
L0001416	0	0.22420E-06	482300.4	3823923.1	891.4	3.50	4.00	1.63	NO	NO
L0001417	0	0.22420E-06	482309.0	3823923.1	891.4	3.50	4.00	1.63	NO	NO
L0001418	0	0.22420E-06	482317.6	3823923.0	891.4	3.50	4.00	1.63	NO	NO
L0001419	0	0.22420E-06	482326.2	3823923.0	891.4	3.50	4.00	1.63	NO	NO
L0001420	0	0.22420E-06	482334.7	3823923.0	891.4	3.50	4.00	1.63	NO	NO
L0001421	0	0.22420E-06	482343.3	3823922.9	891.4	3.50	4.00	1.63	NO	NO
L0001422	0	0.22420E-06	482351.9	3823922.9	891.4	3.50	4.00	1.63	NO	NO
L0001423	0	0.22420E-06	482360.5	3823922.9	891.4	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001424	0	0.22420E-06	482369.1	3823922.8	891.3	3.50	4.00	1.63	NO		NO
L0001425	0	0.22420E-06	482377.7	3823922.8	891.3	3.50	4.00	1.63	NO		NO
L0001426	0	0.22420E-06	482386.3	3823922.8	891.3	3.50	4.00	1.63	NO		NO
L0001427	0	0.89290E-07	481008.6	3823943.3	891.0	3.50	4.00	1.63	NO		NO
L0001428	0	0.89290E-07	481008.6	3823951.9	891.0	3.50	4.00	1.63	NO		NO
L0001429	0	0.89290E-07	481008.6	3823960.5	891.0	3.50	4.00	1.63	NO		NO
L0001430	0	0.89290E-07	481008.6	3823969.1	891.0	3.50	4.00	1.63	NO		NO
L0001431	0	0.89290E-07	481008.5	3823977.7	891.1	3.50	4.00	1.63	NO		NO
L0001432	0	0.89290E-07	481008.5	3823986.3	891.1	3.50	4.00	1.63	NO		NO

L0001433	0	0.89290E-07	481008.5	3823994.9	891.1	3.50	4.00	1.63	NO	NO
L0001434	0	0.89290E-07	481008.5	3824003.5	891.2	3.50	4.00	1.63	NO	NO
L0001435	0	0.89290E-07	481008.4	3824012.0	891.2	3.50	4.00	1.63	NO	NO
L0001436	0	0.89290E-07	481008.4	3824020.6	891.3	3.50	4.00	1.63	NO	NO
L0001437	0	0.89290E-07	481008.4	3824029.2	891.4	3.50	4.00	1.63	NO	NO
L0001438	0	0.89290E-07	481008.4	3824037.8	891.4	3.50	4.00	1.63	NO	NO
L0001439	0	0.89290E-07	481008.3	3824046.4	891.5	3.50	4.00	1.63	NO	NO
L0001440	0	0.89290E-07	481008.3	3824055.0	891.6	3.50	4.00	1.63	NO	NO
L0001441	0	0.89290E-07	481008.3	3824063.6	891.7	3.50	4.00	1.63	NO	NO
L0001442	0	0.89290E-07	481008.3	3824072.2	891.8	3.50	4.00	1.63	NO	NO
L0001443	0	0.89290E-07	481008.2	3824080.8	891.9	3.50	4.00	1.63	NO	NO
L0001444	0	0.89290E-07	481008.2	3824089.4	892.0	3.50	4.00	1.63	NO	NO
L0001445	0	0.89290E-07	481008.2	3824098.0	892.1	3.50	4.00	1.63	NO	NO
L0001446	0	0.89290E-07	481008.2	3824106.5	892.1	3.50	4.00	1.63	NO	NO
L0001447	0	0.89290E-07	481008.1	3824115.1	892.2	3.50	4.00	1.63	NO	NO
L0001448	0	0.89290E-07	481008.1	3824123.7	892.2	3.50	4.00	1.63	NO	NO
L0001449	0	0.89290E-07	481008.1	3824132.3	892.3	3.50	4.00	1.63	NO	NO
L0001450	0	0.89290E-07	481008.1	3824140.9	892.4	3.50	4.00	1.63	NO	NO
L0001451	0	0.89290E-07	481008.0	3824149.5	892.5	3.50	4.00	1.63	NO	NO
L0001452	0	0.89290E-07	481008.0	3824158.1	892.6	3.50	4.00	1.63	NO	NO
L0001453	0	0.89290E-07	481008.0	3824166.7	892.7	3.50	4.00	1.63	NO	NO
L0001454	0	0.89290E-07	481008.0	3824175.3	892.8	3.50	4.00	1.63	NO	NO
L0001455	0	0.89290E-07	481007.9	3824183.9	892.9	3.50	4.00	1.63	NO	NO
L0001456	0	0.89290E-07	481007.9	3824192.4	893.0	3.50	4.00	1.63	NO	NO
L0001457	0	0.89290E-07	481007.9	3824201.0	893.1	3.50	4.00	1.63	NO	NO
L0001458	0	0.89290E-07	481007.9	3824209.6	893.2	3.50	4.00	1.63	NO	NO
L0001459	0	0.89290E-07	481007.8	3824218.2	893.4	3.50	4.00	1.63	NO	NO
L0001460	0	0.89290E-07	481007.8	3824226.8	893.5	3.50	4.00	1.63	NO	NO
L0001461	0	0.89290E-07	481007.8	3824235.4	893.6	3.50	4.00	1.63	NO	NO
L0001462	0	0.89290E-07	481007.8	3824244.0	893.7	3.50	4.00	1.63	NO	NO
L0001463	0	0.89290E-07	481007.7	3824252.6	893.8	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001464	0	0.89290E-07	481007.7	3824261.2	893.8	3.50	4.00	1.63	NO		NO
L0001465	0	0.89290E-07	481007.7	3824269.8	893.9	3.50	4.00	1.63	NO		NO
L0001466	0	0.89290E-07	481007.6	3824278.4	894.0	3.50	4.00	1.63	NO		NO
L0001467	0	0.89290E-07	481007.6	3824286.9	894.1	3.50	4.00	1.63	NO		NO
L0001468	0	0.89290E-07	481007.6	3824295.5	894.2	3.50	4.00	1.63	NO		NO
L0001469	0	0.89290E-07	481007.6	3824304.1	894.3	3.50	4.00	1.63	NO		NO
L0001470	0	0.89290E-07	481007.5	3824312.7	894.4	3.50	4.00	1.63	NO		NO
L0001471	0	0.89290E-07	481007.5	3824321.3	894.5	3.50	4.00	1.63	NO		NO
L0001472	0	0.89290E-07	481007.5	3824329.9	894.6	3.50	4.00	1.63	NO		NO
L0001473	0	0.89290E-07	481007.5	3824338.5	894.7	3.50	4.00	1.63	NO		NO
L0001474	0	0.89290E-07	481007.4	3824347.1	894.8	3.50	4.00	1.63	NO		NO
L0001475	0	0.89290E-07	481007.4	3824355.7	894.9	3.50	4.00	1.63	NO		NO
L0001476	0	0.89290E-07	481007.4	3824364.3	895.0	3.50	4.00	1.63	NO		NO
L0001477	0	0.89290E-07	481007.4	3824372.9	895.1	3.50	4.00	1.63	NO		NO
L0001478	0	0.89290E-07	481007.3	3824381.4	895.2	3.50	4.00	1.63	NO		NO
L0001479	0	0.89290E-07	481007.3	3824390.0	895.3	3.50	4.00	1.63	NO		NO
L0001480	0	0.89290E-07	481007.3	3824398.6	895.4	3.50	4.00	1.63	NO		NO
L0001481	0	0.89290E-07	481007.3	3824407.2	895.5	3.50	4.00	1.63	NO		NO
L0001482	0	0.89290E-07	481007.2	3824415.8	895.6	3.50	4.00	1.63	NO		NO
L0001483	0	0.89290E-07	481007.2	3824424.4	895.7	3.50	4.00	1.63	NO		NO
L0001484	0	0.89290E-07	481007.2	3824433.0	895.8	3.50	4.00	1.63	NO		NO
L0001485	0	0.89290E-07	481007.2	3824441.6	895.9	3.50	4.00	1.63	NO		NO
L0001486	0	0.89290E-07	481007.1	3824450.2	895.9	3.50	4.00	1.63	NO		NO
L0001487	0	0.89290E-07	481007.1	3824458.8	896.0	3.50	4.00	1.63	NO		NO
L0001488	0	0.89290E-07	481007.1	3824467.4	896.1	3.50	4.00	1.63	NO		NO
L0001489	0	0.89290E-07	481007.1	3824475.9	896.2	3.50	4.00	1.63	NO		NO
L0001490	0	0.89290E-07	481007.0	3824484.5	896.3	3.50	4.00	1.63	NO		NO
L0001491	0	0.89290E-07	481007.0	3824493.1	896.4	3.50	4.00	1.63	NO		NO
L0001492	0	0.89290E-07	481007.0	3824501.7	896.4	3.50	4.00	1.63	NO		NO
L0001493	0	0.89290E-07	481007.0	3824510.3	896.5	3.50	4.00	1.63	NO		NO
L0001494	0	0.89290E-07	481006.9	3824518.9	896.6	3.50	4.00	1.63	NO		NO
L0001495	0	0.89290E-07	481006.9	3824527.5	896.7	3.50	4.00	1.63	NO		NO
L0001496	0	0.89290E-07	481006.9	3824536.1	896.8	3.50	4.00	1.63	NO		NO

L0001497	0	0.89290E-07	481006.9	3824544.7	896.9	3.50	4.00	1.63	NO	NO
L0001498	0	0.89290E-07	481006.8	3824553.3	897.0	3.50	4.00	1.63	NO	NO
L0001499	0	0.89290E-07	481006.8	3824561.9	897.1	3.50	4.00	1.63	NO	NO
L0001500	0	0.89290E-07	481006.8	3824570.4	897.2	3.50	4.00	1.63	NO	NO
L0001501	0	0.89290E-07	481006.8	3824579.0	897.3	3.50	4.00	1.63	NO	NO
L0001502	0	0.89290E-07	481006.7	3824587.6	897.4	3.50	4.00	1.63	NO	NO
L0001503	0	0.89290E-07	481006.7	3824596.2	897.5	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001504	0	0.89290E-07	481006.7	3824604.8	897.6	3.50	4.00	1.63	NO		NO
L0001505	0	0.89290E-07	481006.7	3824613.4	897.6	3.50	4.00	1.63	NO		NO
L0001506	0	0.89290E-07	481006.6	3824622.0	897.7	3.50	4.00	1.63	NO		NO
L0001507	0	0.89290E-07	481006.6	3824630.6	897.8	3.50	4.00	1.63	NO		NO
L0001508	0	0.89290E-07	481006.6	3824639.2	897.9	3.50	4.00	1.63	NO		NO
L0001509	0	0.89290E-07	481006.6	3824647.8	898.0	3.50	4.00	1.63	NO		NO
L0001510	0	0.89290E-07	481006.5	3824656.4	898.1	3.50	4.00	1.63	NO		NO
L0001511	0	0.89290E-07	481006.5	3824664.9	898.1	3.50	4.00	1.63	NO		NO
L0001512	0	0.89290E-07	481006.5	3824673.5	898.2	3.50	4.00	1.63	NO		NO
L0001513	0	0.89290E-07	481006.5	3824682.1	898.3	3.50	4.00	1.63	NO		NO
L0001514	0	0.89290E-07	481006.4	3824690.7	898.4	3.50	4.00	1.63	NO		NO
L0001515	0	0.89290E-07	481006.4	3824699.3	898.5	3.50	4.00	1.63	NO		NO
L0001516	0	0.89290E-07	481006.4	3824707.9	898.6	3.50	4.00	1.63	NO		NO
L0001517	0	0.89290E-07	481006.4	3824716.5	898.7	3.50	4.00	1.63	NO		NO
L0001518	0	0.89290E-07	481006.3	3824725.1	898.8	3.50	4.00	1.63	NO		NO
L0001519	0	0.89290E-07	481006.3	3824733.7	898.8	3.50	4.00	1.63	NO		NO
L0001520	0	0.89290E-07	481006.3	3824742.3	898.9	3.50	4.00	1.63	NO		NO

L0001521	0	0.89290E-07	481006.2	3824750.8	899.0	3.50	4.00	1.63	NO	NO
L0001522	0	0.89290E-07	481006.2	3824759.4	899.1	3.50	4.00	1.63	NO	NO
L0001523	0	0.89290E-07	481006.2	3824768.0	899.2	3.50	4.00	1.63	NO	NO
L0001524	0	0.89290E-07	481006.2	3824776.6	899.3	3.50	4.00	1.63	NO	NO
L0001525	0	0.89290E-07	481006.1	3824785.2	899.5	3.50	4.00	1.63	NO	NO
L0001526	0	0.89290E-07	481006.1	3824793.8	899.6	3.50	4.00	1.63	NO	NO
L0001527	0	0.89290E-07	481006.1	3824802.4	899.7	3.50	4.00	1.63	NO	NO
L0001528	0	0.89290E-07	481006.1	3824811.0	899.9	3.50	4.00	1.63	NO	NO
L0001529	0	0.89290E-07	481006.0	3824819.6	900.0	3.50	4.00	1.63	NO	NO
L0001530	0	0.89290E-07	481006.0	3824828.2	900.1	3.50	4.00	1.63	NO	NO
L0001531	0	0.89290E-07	481006.0	3824836.8	900.2	3.50	4.00	1.63	NO	NO
L0001532	0	0.89290E-07	481006.0	3824845.3	900.3	3.50	4.00	1.63	NO	NO
L0001533	0	0.89290E-07	481005.9	3824853.9	900.4	3.50	4.00	1.63	NO	NO
L0001534	0	0.89290E-07	481005.9	3824862.5	900.5	3.50	4.00	1.63	NO	NO
L0001535	0	0.89290E-07	481005.9	3824871.1	900.6	3.50	4.00	1.63	NO	NO
L0001536	0	0.89290E-07	481005.9	3824879.7	900.7	3.50	4.00	1.63	NO	NO
L0001537	0	0.89290E-07	481005.8	3824888.3	900.8	3.50	4.00	1.63	NO	NO
L0001538	0	0.89290E-07	481005.8	3824896.9	900.9	3.50	4.00	1.63	NO	NO
L0001539	0	0.93220E-07	480997.7	3823927.8	890.9	3.50	4.00	1.63	NO	NO
L0001540	0	0.93220E-07	480989.1	3823927.8	890.9	3.50	4.00	1.63	NO	NO
L0001541	0	0.93220E-07	480980.5	3823927.8	890.8	3.50	4.00	1.63	NO	NO
L0001542	0	0.93220E-07	480971.9	3823927.8	890.9	3.50	4.00	1.63	NO	NO
L0001543	0	0.93220E-07	480963.3	3823927.8	890.9	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001544	0	0.93220E-07	480954.7	3823927.7	891.0	3.50	4.00	1.63	NO		NO

L0001545	0	0.93220E-07	480946.1	3823927.7	891.0	3.50	4.00	1.63	NO	NO
L0001546	0	0.93220E-07	480937.5	3823927.7	891.1	3.50	4.00	1.63	NO	NO
L0001547	0	0.93220E-07	480928.9	3823927.7	891.2	3.50	4.00	1.63	NO	NO
L0001548	0	0.93220E-07	480920.4	3823927.6	891.2	3.50	4.00	1.63	NO	NO
L0001549	0	0.93220E-07	480911.8	3823927.6	891.3	3.50	4.00	1.63	NO	NO
L0001550	0	0.93220E-07	480903.2	3823927.6	891.4	3.50	4.00	1.63	NO	NO
L0001551	0	0.93220E-07	480894.6	3823927.6	891.5	3.50	4.00	1.63	NO	NO
L0001552	0	0.93220E-07	480887.4	3823924.5	891.6	3.50	4.00	1.63	NO	NO
L0001553	0	0.93220E-07	480885.9	3823916.2	891.6	3.50	4.00	1.63	NO	NO
L0001554	0	0.93220E-07	480886.0	3823907.6	891.5	3.50	4.00	1.63	NO	NO
L0001555	0	0.93220E-07	480886.0	3823899.1	891.5	3.50	4.00	1.63	NO	NO
L0001556	0	0.93220E-07	480886.1	3823890.5	891.4	3.50	4.00	1.63	NO	NO
L0001557	0	0.93220E-07	480886.2	3823881.9	891.3	3.50	4.00	1.63	NO	NO
L0001558	0	0.93220E-07	480886.2	3823873.3	891.3	3.50	4.00	1.63	NO	NO
L0001559	0	0.93220E-07	480886.3	3823864.7	891.2	3.50	4.00	1.63	NO	NO
L0001560	0	0.93220E-07	480886.4	3823856.1	891.1	3.50	4.00	1.63	NO	NO
L0001561	0	0.93220E-07	480886.5	3823847.5	891.1	3.50	4.00	1.63	NO	NO
L0001562	0	0.93220E-07	480886.5	3823838.9	891.1	3.50	4.00	1.63	NO	NO
L0001563	0	0.93220E-07	480886.6	3823830.3	891.2	3.50	4.00	1.63	NO	NO
L0001564	0	0.93220E-07	480886.7	3823821.7	891.2	3.50	4.00	1.63	NO	NO
L0001565	0	0.93220E-07	480886.7	3823813.1	891.1	3.50	4.00	1.63	NO	NO
L0001566	0	0.93220E-07	480886.8	3823804.6	891.0	3.50	4.00	1.63	NO	NO
L0001567	0	0.93220E-07	480886.9	3823796.0	890.9	3.50	4.00	1.63	NO	NO
L0001568	0	0.93220E-07	480887.0	3823787.4	890.8	3.50	4.00	1.63	NO	NO
L0001569	0	0.93220E-07	480887.0	3823778.8	890.8	3.50	4.00	1.63	NO	NO
L0001570	0	0.93220E-07	480887.1	3823770.2	890.8	3.50	4.00	1.63	NO	NO
L0001571	0	0.93220E-07	480887.2	3823761.6	890.8	3.50	4.00	1.63	NO	NO
L0001572	0	0.93220E-07	480887.2	3823753.0	890.8	3.50	4.00	1.63	NO	NO
L0001573	0	0.93220E-07	480887.3	3823744.4	890.7	3.50	4.00	1.63	NO	NO
L0001574	0	0.93220E-07	480887.4	3823735.8	890.7	3.50	4.00	1.63	NO	NO
L0001575	0	0.93220E-07	480887.5	3823727.2	890.6	3.50	4.00	1.63	NO	NO
L0001576	0	0.93220E-07	480887.5	3823718.7	890.5	3.50	4.00	1.63	NO	NO
L0001577	0	0.93220E-07	480887.6	3823710.1	890.5	3.50	4.00	1.63	NO	NO
L0001578	0	0.93220E-07	480887.7	3823701.5	890.4	3.50	4.00	1.63	NO	NO
L0001579	0	0.93220E-07	480887.7	3823692.9	890.4	3.50	4.00	1.63	NO	NO
L0001580	0	0.93220E-07	480887.8	3823684.3	890.3	3.50	4.00	1.63	NO	NO
L0001581	0	0.93220E-07	480887.9	3823675.7	890.2	3.50	4.00	1.63	NO	NO
L0001582	0	0.93220E-07	480888.0	3823667.1	890.2	3.50	4.00	1.63	NO	NO
L0001583	0	0.93220E-07	480888.0	3823658.5	890.1	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001584	0	0.93220E-07	480888.1	3823649.9	889.9	3.50	4.00	1.63	NO		NO
L0001585	0	0.93220E-07	480888.2	3823641.3	889.8	3.50	4.00	1.63	NO		NO
L0001586	0	0.93220E-07	480888.2	3823632.7	889.8	3.50	4.00	1.63	NO		NO
L0001587	0	0.93220E-07	480888.3	3823624.2	889.7	3.50	4.00	1.63	NO		NO
L0001588	0	0.93220E-07	480888.4	3823615.6	889.7	3.50	4.00	1.63	NO		NO
L0001589	0	0.93220E-07	480888.5	3823607.0	889.6	3.50	4.00	1.63	NO		NO
L0001590	0	0.93220E-07	480888.5	3823598.4	889.6	3.50	4.00	1.63	NO		NO
L0001591	0	0.93220E-07	480888.6	3823589.8	889.5	3.50	4.00	1.63	NO		NO
L0001592	0	0.93220E-07	480888.7	3823581.2	889.5	3.50	4.00	1.63	NO		NO
L0001593	0	0.93220E-07	480888.7	3823572.6	889.4	3.50	4.00	1.63	NO		NO
L0001594	0	0.93220E-07	480888.8	3823564.0	889.4	3.50	4.00	1.63	NO		NO
L0001595	0	0.93220E-07	480888.9	3823555.4	889.4	3.50	4.00	1.63	NO		NO
L0001596	0	0.93220E-07	480889.0	3823546.8	889.3	3.50	4.00	1.63	NO		NO
L0001597	0	0.93220E-07	480889.0	3823538.3	889.3	3.50	4.00	1.63	NO		NO
L0001598	0	0.93220E-07	480889.1	3823529.7	889.3	3.50	4.00	1.63	NO		NO
L0001599	0	0.93220E-07	480889.1	3823521.1	889.2	3.50	4.00	1.63	NO		NO
L0001600	0	0.93220E-07	480889.2	3823512.5	889.2	3.50	4.00	1.63	NO		NO
L0001601	0	0.93220E-07	480889.2	3823503.9	889.2	3.50	4.00	1.63	NO		NO
L0001602	0	0.93220E-07	480889.3	3823495.3	889.2	3.50	4.00	1.63	NO		NO
L0001603	0	0.93220E-07	480889.3	3823486.7	889.2	3.50	4.00	1.63	NO		NO
L0001604	0	0.93220E-07	480889.3	3823478.1	889.1	3.50	4.00	1.63	NO		NO
L0001605	0	0.93220E-07	480889.4	3823469.5	889.1	3.50	4.00	1.63	NO		NO
L0001606	0	0.93220E-07	480889.4	3823460.9	889.0	3.50	4.00	1.63	NO		NO
L0001607	0	0.93220E-07	480889.5	3823452.3	889.0	3.50	4.00	1.63	NO		NO
L0001608	0	0.93220E-07	480889.5	3823443.8	888.9	3.50	4.00	1.63	NO		NO

L0001609	0	0.93220E-07	480889.6	3823435.2	888.9	3.50	4.00	1.63	NO	NO
L0001610	0	0.93220E-07	480889.6	3823426.6	888.8	3.50	4.00	1.63	NO	NO
L0001611	0	0.93220E-07	480889.7	3823418.0	888.8	3.50	4.00	1.63	NO	NO
L0001612	0	0.93220E-07	480889.7	3823409.4	888.8	3.50	4.00	1.63	NO	NO
L0001613	0	0.93220E-07	480889.7	3823400.8	888.9	3.50	4.00	1.63	NO	NO
L0001614	0	0.93220E-07	480889.8	3823392.2	888.9	3.50	4.00	1.63	NO	NO
L0001615	0	0.93220E-07	480889.8	3823383.6	888.9	3.50	4.00	1.63	NO	NO
L0001616	0	0.93220E-07	480889.9	3823375.0	888.8	3.50	4.00	1.63	NO	NO
L0001617	0	0.93220E-07	480889.9	3823366.4	888.8	3.50	4.00	1.63	NO	NO
L0001618	0	0.93220E-07	480890.0	3823357.8	888.8	3.50	4.00	1.63	NO	NO
L0001619	0	0.93220E-07	480890.0	3823349.3	888.8	3.50	4.00	1.63	NO	NO
L0001620	0	0.93220E-07	480890.1	3823340.7	888.7	3.50	4.00	1.63	NO	NO
L0001621	0	0.93220E-07	480890.1	3823332.1	888.6	3.50	4.00	1.63	NO	NO
L0001622	0	0.93220E-07	480890.2	3823323.5	888.6	3.50	4.00	1.63	NO	NO
L0001623	0	0.93220E-07	480890.2	3823314.9	888.5	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001624	0	0.93220E-07	480890.2	3823306.3	888.4	3.50	4.00	1.63	NO		NO
L0001625	0	0.93220E-07	480890.3	3823297.7	888.4	3.50	4.00	1.63	NO		NO
L0001626	0	0.93220E-07	480890.3	3823289.1	888.3	3.50	4.00	1.63	NO		NO
L0001627	0	0.93220E-07	480890.4	3823280.5	888.3	3.50	4.00	1.63	NO		NO
L0001628	0	0.93220E-07	480890.4	3823271.9	888.3	3.50	4.00	1.63	NO		NO
L0001629	0	0.93220E-07	480890.5	3823263.3	888.2	3.50	4.00	1.63	NO		NO
L0001630	0	0.93220E-07	480890.5	3823254.8	888.2	3.50	4.00	1.63	NO		NO
L0001631	0	0.93220E-07	480890.6	3823246.2	888.1	3.50	4.00	1.63	NO		NO
L0001632	0	0.93220E-07	480890.6	3823237.6	888.1	3.50	4.00	1.63	NO		NO

L0001633	0	0.93220E-07	480890.6	3823229.0	888.1	3.50	4.00	1.63	NO	NO
L0001634	0	0.93220E-07	480890.7	3823220.4	888.0	3.50	4.00	1.63	NO	NO
L0001635	0	0.93220E-07	480890.7	3823211.8	888.0	3.50	4.00	1.63	NO	NO
L0001636	0	0.93220E-07	480890.8	3823203.2	888.0	3.50	4.00	1.63	NO	NO
L0001637	0	0.93220E-07	480890.8	3823194.6	887.9	3.50	4.00	1.63	NO	NO
L0001638	0	0.93220E-07	480890.9	3823186.0	887.9	3.50	4.00	1.63	NO	NO
L0001639	0	0.93220E-07	480890.9	3823177.4	887.8	3.50	4.00	1.63	NO	NO
L0001640	0	0.93220E-07	480891.0	3823168.9	887.8	3.50	4.00	1.63	NO	NO
L0001641	0	0.93220E-07	480891.0	3823160.3	887.8	3.50	4.00	1.63	NO	NO
L0001642	0	0.93220E-07	480891.1	3823151.7	887.7	3.50	4.00	1.63	NO	NO
L0001643	0	0.93220E-07	480891.1	3823143.1	887.7	3.50	4.00	1.63	NO	NO
L0001644	0	0.93220E-07	480891.1	3823134.5	887.7	3.50	4.00	1.63	NO	NO
L0001645	0	0.93220E-07	480891.2	3823125.9	887.7	3.50	4.00	1.63	NO	NO
L0001646	0	0.93220E-07	480891.2	3823117.3	887.7	3.50	4.00	1.63	NO	NO
L0001647	0	0.93220E-07	480891.3	3823108.7	887.7	3.50	4.00	1.63	NO	NO
L0001648	0	0.93220E-07	480891.3	3823100.1	887.7	3.50	4.00	1.63	NO	NO
L0001649	0	0.93220E-07	480891.4	3823091.5	887.7	3.50	4.00	1.63	NO	NO
L0001650	0	0.93220E-07	480891.4	3823082.9	887.6	3.50	4.00	1.63	NO	NO
L0001651	0	0.93220E-07	480891.5	3823074.4	887.6	3.50	4.00	1.63	NO	NO
L0001652	0	0.93220E-07	480891.5	3823065.8	887.6	3.50	4.00	1.63	NO	NO
L0001653	0	0.93220E-07	480891.5	3823057.2	887.5	3.50	4.00	1.63	NO	NO
L0001654	0	0.93220E-07	480891.6	3823048.6	887.5	3.50	4.00	1.63	NO	NO
L0001655	0	0.93220E-07	480891.6	3823040.0	887.5	3.50	4.00	1.63	NO	NO
L0001656	0	0.93220E-07	480891.7	3823031.4	887.5	3.50	4.00	1.63	NO	NO
L0001657	0	0.93220E-07	480891.7	3823022.8	887.5	3.50	4.00	1.63	NO	NO
L0001658	0	0.93220E-07	480891.8	3823014.2	887.5	3.50	4.00	1.63	NO	NO
L0001659	0	0.93220E-07	480891.8	3823005.6	887.5	3.50	4.00	1.63	NO	NO
L0001660	0	0.93220E-07	480891.9	3822997.0	887.5	3.50	4.00	1.63	NO	NO
L0001661	0	0.93220E-07	480891.9	3822988.4	887.5	3.50	4.00	1.63	NO	NO
L0001662	0	0.93220E-07	480892.0	3822979.9	887.4	3.50	4.00	1.63	NO	NO
L0001663	0	0.93220E-07	480892.0	3822971.3	887.4	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001664	0	0.93220E-07	480892.0	3822962.7	887.3	3.50	4.00	1.63	NO		NO
L0001665	0	0.93220E-07	480892.1	3822954.1	887.2	3.50	4.00	1.63	NO		NO
L0001666	0	0.93220E-07	480892.1	3822945.5	887.2	3.50	4.00	1.63	NO		NO
L0001667	0	0.93220E-07	480892.2	3822936.9	887.1	3.50	4.00	1.63	NO		NO
L0001668	0	0.93220E-07	480892.2	3822928.3	887.1	3.50	4.00	1.63	NO		NO
L0001669	0	0.93220E-07	480892.3	3822919.7	887.0	3.50	4.00	1.63	NO		NO
L0001670	0	0.93220E-07	480892.3	3822911.1	887.0	3.50	4.00	1.63	NO		NO
L0001671	0	0.93220E-07	480892.4	3822902.5	887.0	3.50	4.00	1.63	NO		NO
L0001672	0	0.93220E-07	480892.4	3822893.9	886.9	3.50	4.00	1.63	NO		NO
L0001673	0	0.93220E-07	480892.5	3822885.4	886.9	3.50	4.00	1.63	NO		NO
L0001674	0	0.93220E-07	480892.5	3822876.8	886.9	3.50	4.00	1.63	NO		NO
L0001675	0	0.93220E-07	480892.5	3822868.2	886.9	3.50	4.00	1.63	NO		NO
L0001676	0	0.93220E-07	480892.6	3822859.6	886.8	3.50	4.00	1.63	NO		NO
L0001677	0	0.93220E-07	480892.6	3822851.0	886.8	3.50	4.00	1.63	NO		NO
L0001678	0	0.93220E-07	480892.7	3822842.4	886.8	3.50	4.00	1.63	NO		NO
L0001679	0	0.93220E-07	480892.7	3822833.8	886.7	3.50	4.00	1.63	NO		NO
L0001680	0	0.93220E-07	480892.8	3822825.2	886.7	3.50	4.00	1.63	NO		NO
L0001681	0	0.93220E-07	480892.8	3822816.6	886.6	3.50	4.00	1.63	NO		NO
L0001682	0	0.93220E-07	480892.9	3822808.0	886.6	3.50	4.00	1.63	NO		NO
L0001683	0	0.93220E-07	480892.9	3822799.5	886.6	3.50	4.00	1.63	NO		NO
L0001684	0	0.93220E-07	480892.9	3822790.9	886.6	3.50	4.00	1.63	NO		NO
L0001685	0	0.93220E-07	480893.0	3822782.3	886.6	3.50	4.00	1.63	NO		NO
L0001686	0	0.93220E-07	480893.0	3822773.7	886.6	3.50	4.00	1.63	NO		NO
L0001687	0	0.93220E-07	480893.1	3822765.1	886.6	3.50	4.00	1.63	NO		NO
L0001688	0	0.93220E-07	480893.1	3822756.5	886.7	3.50	4.00	1.63	NO		NO
L0001689	0	0.93220E-07	480893.2	3822747.9	886.7	3.50	4.00	1.63	NO		NO
L0001690	0	0.93220E-07	480893.2	3822739.3	886.7	3.50	4.00	1.63	NO		NO
L0001691	0	0.93220E-07	480893.3	3822730.7	886.7	3.50	4.00	1.63	NO		NO
L0001692	0	0.93220E-07	480893.3	3822722.1	886.7	3.50	4.00	1.63	NO		NO
L0001693	0	0.93220E-07	480893.4	3822713.5	886.7	3.50	4.00	1.63	NO		NO
L0001694	0	0.93220E-07	480893.4	3822705.0	886.8	3.50	4.00	1.63	NO		NO
L0001695	0	0.93220E-07	480893.5	3822696.4	886.8	3.50	4.00	1.63	NO		NO
L0001696	0	0.93220E-07	480893.7	3822687.8	886.8	3.50	4.00	1.63	NO		NO

L0001697	0	0.93220E-07	480893.8	3822679.2	886.8	3.50	4.00	1.63	NO	NO
L0001698	0	0.93220E-07	480893.9	3822670.6	886.9	3.50	4.00	1.63	NO	NO
L0001699	0	0.93220E-07	480894.0	3822662.0	886.9	3.50	4.00	1.63	NO	NO
L0001700	0	0.93220E-07	480894.1	3822653.4	887.0	3.50	4.00	1.63	NO	NO
L0001701	0	0.93220E-07	480894.2	3822644.8	887.0	3.50	4.00	1.63	NO	NO
L0001702	0	0.93220E-07	480894.3	3822636.2	887.1	3.50	4.00	1.63	NO	NO
L0001703	0	0.93220E-07	480894.4	3822627.6	887.1	3.50	4.00	1.63	NO	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	AIRCRAFT
L0001704	0	0.93220E-07	480894.5	3822619.1	887.2	3.50	4.00	1.63	NO		NO
L0001705	0	0.93220E-07	480894.6	3822610.5	887.2	3.50	4.00	1.63	NO		NO
L0001706	0	0.93220E-07	480894.7	3822601.9	887.3	3.50	4.00	1.63	NO		NO
L0001707	0	0.93220E-07	480894.8	3822593.3	887.3	3.50	4.00	1.63	NO		NO
L0001708	0	0.93220E-07	480894.9	3822584.7	887.4	3.50	4.00	1.63	NO		NO
L0001709	0	0.93220E-07	480895.1	3822576.1	887.5	3.50	4.00	1.63	NO		NO
L0001710	0	0.93220E-07	480895.2	3822567.5	887.6	3.50	4.00	1.63	NO		NO
L0001711	0	0.93220E-07	480895.3	3822558.9	887.7	3.50	4.00	1.63	NO		NO
L0001712	0	0.93220E-07	480895.4	3822550.3	887.7	3.50	4.00	1.63	NO		NO
L0001713	0	0.93220E-07	480895.5	3822541.7	887.8	3.50	4.00	1.63	NO		NO
L0001714	0	0.93220E-07	480895.6	3822533.2	887.9	3.50	4.00	1.63	NO		NO
L0001715	0	0.93220E-07	480895.7	3822524.6	887.9	3.50	4.00	1.63	NO		NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs															
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ALL	L0001104	,	L0001105	,	L0001106	,	L0001107	,	L0001108	,	L0001109	,	L0001110	,	L0001111	,
	L0001112	,	L0001113	,	L0001114	,	L0001115	,	L0001116	,	L0001117	,	L0001118	,	L0001119	,
	L0001120	,	L0001121	,	L0001122	,	L0001123	,	L0001124	,	L0001125	,	L0001126	,	L0001127	,
	L0001128	,	L0001129	,	L0001130	,	L0001131	,	L0001132	,	L0001133	,	L0001134	,	L0001135	,
	L0001136	,	L0001137	,	L0001138	,	L0001139	,	L0001140	,	L0001141	,	L0001142	,	L0001143	,
	L0001144	,	L0001145	,	L0001146	,	L0001147	,	L0001148	,	L0001149	,	L0001150	,	L0001151	,
	L0001152	,	L0001153	,	L0001154	,	L0001155	,	L0001156	,	L0001157	,	L0001158	,	L0001159	,
	L0001160	,	L0001161	,	L0001162	,	L0001163	,	L0001164	,	L0001165	,	L0001166	,	L0001167	,
	L0001168	,	L0001169	,	L0001170	,	L0001171	,	L0001172	,	L0001173	,	L0001174	,	L0001175	,
	L0001176	,	L0001177	,	L0001178	,	L0001179	,	L0001180	,	L0001181	,	L0001182	,	L0001183	,
	L0001184	,	L0001185	,	L0001186	,	L0001187	,	L0001188	,	L0001189	,	L0001190	,	L0001191	,
	L0001192	,	L0001193	,	L0001194	,	L0001195	,	L0001196	,	L0001197	,	L0001198	,	L0001199	,
	L0001200	,	L0001201	,	L0001202	,	L0001203	,	L0001204	,	L0001205	,	L0001206	,	L0001207	,
STCK1		,	STCK2	,	L0001208	,	L0001209	,	L0001210	,	L0001211	,	L0001212	,	L0001213	,
	L0001214	,	L0001215	,	L0001216	,	L0001217	,	L0001218	,	L0001219	,	L0001220	,	L0001221	,

L0001222 , L0001223 , L0001224 , L0001225 , L0001226 , L0001227 , L0001228 , L0001229 ,
 L0001230 , L0001231 , L0001232 , L0001233 , L0001234 , L0001235 , L0001236 , L0001237 ,
 L0001238 , L0001239 , L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 ,
 L0001246 , L0001247 , L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 ,
 L0001254 , L0001255 , L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 ,
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 , L0001268 , L0001269 ,
 L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 ,
 L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 ,
 L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , L0001291 , L0001292 , L0001293 ,
 L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , L0001299 , L0001300 , L0001301 ,
 L0001302 , L0001303 , L0001304 , L0001305 , L0001306 , L0001307 , L0001308 , L0001309 ,
 L0001310 , L0001311 , L0001312 , L0001313 , L0001314 , L0001315 , L0001316 , L0001317 ,
 L0001318 , L0001319 , L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,

L0001326 , L0001327 , L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 ,
 L0001334 , L0001335 , L0001336 , L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,
 L0001342 , L0001343 , L0001344 , L0001345 , L0001346 , L0001347 , L0001348 , L0001349 ,
 L0001350 , L0001351 , L0001352 , L0001353 , L0001354 , L0001355 , L0001356 , L0001357 ,
 L0001358 , L0001359 , L0001360 , L0001361 , L0001362 , L0001363 , L0001364 , L0001365 ,
 L0001366 , L0001367 , L0001368 , L0001369 , L0001370 , L0001371 , L0001372 , L0001373 ,
 L0001374 , L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 ,
 L0001382 , L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 ,
 L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 ,
 L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 ,
 L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,
 L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 ,

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 ,

L0001430	,	L0001431	,	L0001432	,	L0001433	,	L0001434	,	L0001435	,	L0001436	,	L0001437	,
L0001438	,	L0001439	,	L0001440	,	L0001441	,	L0001442	,	L0001443	,	L0001444	,	L0001445	,
L0001446	,	L0001447	,	L0001448	,	L0001449	,	L0001450	,	L0001451	,	L0001452	,	L0001453	,
L0001454	,	L0001455	,	L0001456	,	L0001457	,	L0001458	,	L0001459	,	L0001460	,	L0001461	,
L0001462	,	L0001463	,	L0001464	,	L0001465	,	L0001466	,	L0001467	,	L0001468	,	L0001469	,
L0001470	,	L0001471	,	L0001472	,	L0001473	,	L0001474	,	L0001475	,	L0001476	,	L0001477	,
L0001478	,	L0001479	,	L0001480	,	L0001481	,	L0001482	,	L0001483	,	L0001484	,	L0001485	,
L0001486	,	L0001487	,	L0001488	,	L0001489	,	L0001490	,	L0001491	,	L0001492	,	L0001493	,
L0001494	,	L0001495	,	L0001496	,	L0001497	,	L0001498	,	L0001499	,	L0001500	,	L0001501	,
L0001502	,	L0001503	,	L0001504	,	L0001505	,	L0001506	,	L0001507	,	L0001508	,	L0001509	,
L0001510	,	L0001511	,	L0001512	,	L0001513	,	L0001514	,	L0001515	,	L0001516	,	L0001517	,
L0001518	,	L0001519	,	L0001520	,	L0001521	,	L0001522	,	L0001523	,	L0001524	,	L0001525	,
L0001526	,	L0001527	,	L0001528	,	L0001529	,	L0001530	,	L0001531	,	L0001532	,	L0001533	,
L0001534	,	L0001535	,	L0001536	,	L0001537	,	L0001538	,	L0001539	,	L0001540	,	L0001541	,
L0001542	,	L0001543	,	L0001544	,	L0001545	,	L0001546	,	L0001547	,	L0001548	,	L0001549	,
L0001550	,	L0001551	,	L0001552	,	L0001553	,	L0001554	,	L0001555	,	L0001556	,	L0001557	,
L0001558	,	L0001559	,	L0001560	,	L0001561	,	L0001562	,	L0001563	,	L0001564	,	L0001565	,
L0001566	,	L0001567	,	L0001568	,	L0001569	,	L0001570	,	L0001571	,	L0001572	,	L0001573	,
L0001574	,	L0001575	,	L0001576	,	L0001577	,	L0001578	,	L0001579	,	L0001580	,	L0001581	,

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001582	,	L0001583	,	L0001584	,	L0001585	,	L0001586	,	L0001587	,	L0001588	,	L0001589	,
L0001590	,	L0001591	,	L0001592	,	L0001593	,	L0001594	,	L0001595	,	L0001596	,	L0001597	,
L0001598	,	L0001599	,	L0001600	,	L0001601	,	L0001602	,	L0001603	,	L0001604	,	L0001605	,
L0001606	,	L0001607	,	L0001608	,	L0001609	,	L0001610	,	L0001611	,	L0001612	,	L0001613	,
L0001614	,	L0001615	,	L0001616	,	L0001617	,	L0001618	,	L0001619	,	L0001620	,	L0001621	,
L0001622	,	L0001623	,	L0001624	,	L0001625	,	L0001626	,	L0001627	,	L0001628	,	L0001629	,
L0001630	,	L0001631	,	L0001632	,	L0001633	,	L0001634	,	L0001635	,	L0001636	,	L0001637	,
L0001638	,	L0001639	,	L0001640	,	L0001641	,	L0001642	,	L0001643	,	L0001644	,	L0001645	,
L0001646	,	L0001647	,	L0001648	,	L0001649	,	L0001650	,	L0001651	,	L0001652	,	L0001653	,
L0001654	,	L0001655	,	L0001656	,	L0001657	,	L0001658	,	L0001659	,	L0001660	,	L0001661	,
L0001662	,	L0001663	,	L0001664	,	L0001665	,	L0001666	,	L0001667	,	L0001668	,	L0001669	,
L0001670	,	L0001671	,	L0001672	,	L0001673	,	L0001674	,	L0001675	,	L0001676	,	L0001677	,
L0001678	,	L0001679	,	L0001680	,	L0001681	,	L0001682	,	L0001683	,	L0001684	,	L0001685	,
L0001686	,	L0001687	,	L0001688	,	L0001689	,	L0001690	,	L0001691	,	L0001692	,	L0001693	,

L0001694 , L0001695 , L0001696 , L0001697 , L0001698 , L0001699 , L0001700 , L0001701 ,
 L0001702 , L0001703 , L0001704 , L0001705 , L0001706 , L0001707 , L0001708 , L0001709 ,
 L0001710 , L0001711 , L0001712 , L0001713 , L0001714 , L0001715 ,
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL 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	4.3,	3.3,	3.1,	0.9,	-3.0,
5	4.3,	3.3,	2.6,	1.6,	-2.5,	6	4.3,	3.3,	2.3,	2.1,	-2.0,
7	4.3,	3.3,	2.1,	2.5,	-1.4,	8	4.3,	3.0,	2.0,	2.8,	-0.7,
9	4.3,	2.8,	2.0,	2.8,	-0.1,	10	4.3,	3.0,	2.0,	2.8,	0.6,
11	4.3,	3.3,	2.1,	2.6,	1.2,	12	4.3,	3.3,	2.3,	2.2,	1.9,
13	4.3,	3.3,	2.6,	1.7,	2.4,	14	4.3,	3.3,	3.1,	1.0,	2.9,
15	0.0,	0.0,	0.0,	0.0,	0.0,	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	4.3,	3.3,	3.1,	-4.0,	3.0,
23	4.3,	3.3,	2.6,	-4.2,	2.5,	24	4.3,	3.3,	2.3,	-4.4,	2.0,
25	4.3,	3.3,	2.1,	-4.6,	1.4,	26	4.3,	3.0,	2.0,	-4.8,	0.7,
27	4.3,	2.8,	2.0,	-4.8,	0.1,	28	4.3,	3.0,	2.0,	-4.8,	-0.6,
29	4.3,	3.3,	2.1,	-4.7,	-1.2,	30	4.3,	3.3,	2.3,	-4.5,	-1.9,
31	4.3,	3.3,	2.6,	-4.3,	-2.4,	32	4.3,	3.3,	3.1,	-4.1,	-2.9,
33	0.0,	0.0,	0.0,	0.0,	0.0,	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	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	4.3,	3.3,	3.1,	-4.2,	3.1,
5	4.3,	3.3,	2.6,	-4.5,	2.5,	6	4.3,	3.3,	2.3,	-4.7,	2.0,
7	4.3,	3.3,	2.1,	-4.9,	1.3,	8	4.3,	3.0,	2.0,	-5.0,	0.6,
9	4.3,	2.8,	2.0,	-5.0,	-0.1,	10	4.3,	3.0,	2.0,	-5.0,	-0.8,
11	4.3,	3.3,	2.1,	-4.8,	-1.5,	12	4.3,	3.3,	2.3,	-4.6,	-2.1,
13	4.3,	3.3,	2.6,	-4.4,	-2.7,	14	4.3,	3.3,	3.1,	-4.1,	-3.1,
15	0.0,	0.0,	0.0,	0.0,	0.0,	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	4.3,	3.3,	3.1,	1.1,	-3.1,
23	4.3,	3.3,	2.6,	1.9,	-2.5,	24	4.3,	3.3,	2.3,	2.4,	-2.0,
25	4.3,	3.3,	2.1,	2.8,	-1.3,	26	4.3,	3.0,	2.0,	3.0,	-0.6,
27	4.3,	2.8,	2.0,	3.1,	0.1,	28	4.3,	3.0,	2.0,	3.0,	0.8,
29	4.3,	3.3,	2.1,	2.7,	1.5,	30	4.3,	3.3,	2.3,	2.3,	2.1,
31	4.3,	3.3,	2.6,	1.8,	2.7,	32	4.3,	3.3,	3.1,	1.0,	3.1,
33	0.0,	0.0,	0.0,	0.0,	0.0,	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,

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

480705.3,	480805.3,	480905.3,	481005.3,	481105.3,	481205.3,	481305.3,	481405.3,	481505.3,	481605.3,
481705.3,	481805.3,	481905.3,	482005.3,	482105.3,	482205.3,	482305.3,	482405.3,	482505.3,	482605.3,
482705.3,	482805.3,	482905.3,							

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

3822567.6, 3822667.6, 3822767.6, 3822867.6, 3822967.6, 3823067.6, 3823167.6, 3823267.6, 3823367.6, 3823467.6,
 3823567.6, 3823667.6, 3823767.6, 3823867.6, 3823967.6, 3824067.6, 3824167.6, 3824267.6, 3824367.6, 3824467.6,
 3824567.6, 3824667.6, 3824767.6,

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	480705.29	480805.29	480905.29	481005.29	481105.29	481205.29	481305.29	481405.29
481505.29								
3824767.59	904.00	902.30	900.80	899.20	898.20	897.40	896.80	897.00
896.90								
3824667.59	902.80	901.10	899.70	898.20	897.30	896.60	896.40	896.10
896.00								
3824567.59	901.50	900.00	898.50	897.20	896.30	895.70	895.50	895.20
895.10								
3824467.59	900.60	898.80	897.50	896.10	895.20	894.70	894.50	894.20
894.20								
3824367.59	899.20	897.80	896.40	895.10	894.50	894.00	893.90	893.50
893.70								
3824267.59	897.50	896.10	894.90	893.90	893.50	893.00	893.20	892.70
892.90								
3824167.59	896.10	894.80	893.60	892.70	892.50	892.30	892.20	892.00
892.20								
3824067.59	894.80	893.60	892.50	891.70	891.30	891.50	891.40	891.40
891.50								
3823967.59	893.80	892.70	891.70	891.10	891.00	890.80	890.90	890.80
890.90								

3823867.59	893.80	892.00	891.00	890.30	890.30	890.00	890.20	890.30
890.30								
3823767.59	893.00	891.80	890.60	889.70	889.40	889.50	889.70	889.60
889.80								
3823667.59	892.50	890.10	890.00	889.20	889.40	889.00	889.10	889.00
889.30								
3823567.59	891.70	890.40	889.30	889.00	888.80	888.60	888.60	888.50
888.60								
3823467.59	891.10	889.60	889.00	888.60	888.60	888.40	888.00	888.30
888.00								
3823367.59	890.60	889.40	888.80	888.10	888.30	888.40	888.00	887.70
887.50								
3823267.59	890.00	888.90	888.10	888.10	888.20	888.20	888.50	888.10
887.00								
3823167.59	889.50	888.50	887.70	887.10	886.80	886.80	886.80	886.70
886.60								
3823067.59	889.10	888.40	887.60	886.40	886.70	886.00	887.30	886.40
886.10								
3822967.59	888.80	888.10	886.70	885.90	885.90	885.90	885.80	885.80
885.80								
3822867.59	888.10	887.40	886.80	886.40	885.90	886.00	885.90	885.90
886.00								
3822767.59	887.60	887.00	886.60	887.00	886.00	885.80	885.80	885.90
886.10								
3822667.59	887.20	886.80	887.00	886.80	885.90	885.80	885.80	885.80
885.70								
3822567.59	887.40	888.80	887.50	887.10	885.90	886.90	886.30	886.20
885.80								

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	481605.29	481705.29	481805.29	X-COORD (METERS)		482105.29	482205.29	482305.29
482405.29				481905.29	482005.29			
3824767.59	896.80	896.70	896.40	896.70	896.60	896.60	896.50	896.50
896.50								
3824667.59	896.10	896.10	895.80	895.90	895.90	895.80	895.70	895.70
895.70								
3824567.59	895.30	895.40	895.20	895.10	895.20	895.10	895.00	894.90
894.90								
3824467.59	894.20	894.30	894.10	894.20	894.20	894.10	894.10	894.00
894.00								
3824367.59	893.70	893.80	893.70	893.70	893.70	893.60	893.60	893.50
893.60								
3824267.59	893.00	893.00	893.00	893.00	893.00	893.10	892.90	892.90
892.80								
3824167.59	892.30	892.30	892.20	892.30	892.30	892.40	892.30	892.30
892.40								
3824067.59	891.50	891.50	891.60	891.60	891.70	891.80	891.80	891.80
891.60								
3823967.59	891.00	890.90	891.00	890.90	891.10	891.50	891.40	891.40
891.20								
3823867.59	890.30	890.30	890.40	890.30	890.50	891.00	891.10	891.00
890.80								
3823767.59	889.90	889.70	889.80	889.80	890.30	890.60	891.90	890.80
890.80								
3823667.59	889.00	889.10	889.30	889.40	889.50	890.10	890.60	891.60
891.10								
3823567.59	888.40	888.50	888.90	888.90	888.60	888.40	888.30	890.40
889.20								
3823467.59	887.90	888.50	888.20	888.60	888.10	887.70	887.40	887.50
887.80								
3823367.59	887.50	887.20	887.00	887.40	887.50	887.30	887.30	887.10
887.10								
3823267.59	887.00	886.80	886.50	887.20	887.60	887.30	887.10	886.90
886.90								
3823167.59	886.30	886.30	886.10	885.90	886.30	887.20	886.90	887.00
886.70								

3823067.59	885.90	885.80	885.90	885.90	885.80	885.90	886.30	886.40
886.80								
3822967.59	885.80	885.80	885.80	885.80	885.80	885.90	886.00	886.10
886.40								
3822867.59	885.80	885.70	885.70	885.80	885.80	885.80	885.80	885.90
885.90								
3822767.59	885.80	885.90	885.90	885.80	885.80	885.90	886.00	885.90
885.90								
3822667.59	886.00	885.90	885.80	885.80	886.10	886.00	885.90	885.90
885.80								
3822567.59	885.70	885.60	885.60	885.60	885.70	885.70	885.70	885.70
885.70								

▲ *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
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*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	482505.29	482605.29	482705.29	482805.29	482905.29
3824767.59	896.30	896.40	896.70	896.90	897.40
3824667.59	895.60	895.60	895.70	896.10	896.30
3824567.59	894.80	894.70	894.90	895.10	895.30
3824467.59	893.90	893.60	894.10	894.30	894.50
3824367.59	893.40	893.30	893.40	893.50	893.90
3824267.59	892.90	892.70	892.90	893.30	893.70
3824167.59	892.40	892.20	892.70	893.20	892.20
3824067.59	891.80	892.10	891.70	892.90	891.70
3823967.59	892.10	891.30	891.20	890.90	890.30
3823867.59	890.60	891.00	891.00	890.20	889.80
3823767.59	889.90	889.70	890.10	889.60	889.30

3823667.59	889.30	889.10	888.90	888.90	889.00
3823567.59	888.90	888.50	888.50	888.60	888.50
3823467.59	888.20	888.20	888.10	888.10	888.10
3823367.59	887.70	888.10	887.90	887.90	887.90
3823267.59	887.40	887.40	887.50	887.50	887.50
3823167.59	887.10	887.20	887.30	887.20	887.20
3823067.59	887.20	887.20	887.10	886.90	886.80
3822967.59	886.80	887.30	886.80	886.70	886.70
3822867.59	886.20	887.00	887.30	886.60	886.60
3822767.59	886.00	886.60	887.50	887.60	886.60
3822667.59	885.90	885.90	887.40	887.50	887.90
3822567.59	885.80	885.80	887.50	888.30	888.10

^ *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
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*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	480705.29	480805.29	480905.29	481005.29	481105.29	481205.29	481305.29	481405.29
481505.29								
- - - - -								
3824767.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70
1182.70								
3824667.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70
1182.70								
3824567.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70
1182.70								
3824467.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70
1182.70								
3824367.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70
1182.70								

3824267.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70
892.90								
3824167.59	1182.70	1182.70	1182.70	1182.70	1182.70	1182.70	1182.50	1120.70
892.20								
3824067.59	1182.70	1182.70	1182.70	1182.70	1182.50	1120.70	1120.70	1120.60
891.50								
3823967.59	1120.70	1120.70	1120.70	1120.70	1120.70	1120.70	1120.70	890.80
890.90								
3823867.59	1120.70	1120.70	1120.70	1120.70	1120.70	1120.70	1120.70	890.30
890.30								
3823767.59	1120.70	1120.70	1120.70	1120.70	1120.70	1120.70	1120.60	889.60
889.80								
3823667.59	1120.70	1120.70	1120.70	1120.70	1120.70	1120.70	1107.20	889.00
889.30								
3823567.59	1120.70	1120.70	1120.70	1120.70	1120.70	1120.60	1107.20	888.50
888.60								
3823467.59	1120.70	1120.70	1120.70	1120.70	1120.70	1107.20	1107.20	1107.20
888.00								
3823367.59	1120.70	1120.70	1120.70	1120.70	1107.20	1107.20	1107.20	1107.20
887.50								
3823267.59	1120.70	1120.70	1120.70	1107.20	1107.20	1107.20	1107.20	1107.20
887.00								
3823167.59	1120.70	1120.70	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
886.60								
3823067.59	1120.70	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
886.10								
3822967.59	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
885.80								
3822867.59	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
886.00								
3822767.59	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
886.10								
3822667.59	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
885.70								
3822567.59	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20	1107.20
885.80								

▲ *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
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*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	481605.29	481705.29	481805.29	481905.29	482005.29	482105.29	482205.29	482305.29
482405.29								
3824767.59	1182.70	1182.70	1182.70	1182.70	1182.70	896.60	896.50	896.50
896.50								
3824667.59	1182.70	1182.70	1182.70	1182.70	895.90	895.80	895.70	895.70
895.70								
3824567.59	1182.70	1182.70	1182.70	895.10	895.20	895.10	895.00	894.90
894.90								
3824467.59	1182.70	1182.70	894.10	894.20	894.20	894.10	894.10	894.00
894.00								
3824367.59	1182.50	893.80	893.70	893.70	893.70	893.60	893.60	893.50
893.60								
3824267.59	893.00	893.00	893.00	893.00	893.00	893.10	892.90	892.90
892.80								
3824167.59	892.30	892.30	892.20	892.30	892.30	892.40	892.30	892.30
892.40								
3824067.59	891.50	891.50	891.60	891.60	891.70	891.80	891.80	891.80
891.60								
3823967.59	891.00	890.90	891.00	890.90	891.10	891.50	891.40	891.40
891.20								
3823867.59	890.30	890.30	890.40	890.30	890.50	891.00	891.10	891.00
890.80								
3823767.59	889.90	889.70	889.80	889.80	890.30	890.60	891.90	890.80
890.80								
3823667.59	889.00	889.10	889.30	889.40	889.50	890.10	890.60	891.60
891.10								
3823567.59	888.40	888.50	888.90	888.90	888.60	888.40	888.30	890.40
889.20								

3823467.59	887.90	888.50	888.20	888.60	888.10	887.70	887.40	887.50
887.80								
3823367.59	887.50	887.20	887.00	887.40	887.50	887.30	887.30	887.10
887.10								
3823267.59	887.00	886.80	886.50	887.20	887.60	887.30	887.10	886.90
886.90								
3823167.59	886.30	886.30	886.10	885.90	886.30	887.20	886.90	887.00
886.70								
3823067.59	885.90	885.80	885.90	885.90	885.80	885.90	886.30	886.40
886.80								
3822967.59	885.80	885.80	885.80	885.80	885.80	885.90	886.00	886.10
886.40								
3822867.59	885.80	885.70	885.70	885.80	885.80	885.80	885.80	885.90
885.90								
3822767.59	885.80	885.90	885.90	885.80	885.80	885.90	886.00	885.90
885.90								
3822667.59	886.00	885.90	885.80	885.80	886.10	886.00	885.90	885.90
885.80								
3822567.59	885.70	885.60	885.60	885.60	885.70	885.70	885.70	885.70
885.70								

^ *** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
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 *** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	482505.29	482605.29	482705.29	482805.29	482905.29
3824767.59	896.30	896.40	896.70	896.90	897.40
3824667.59	895.60	895.60	895.70	896.10	896.30
3824567.59	894.80	894.70	894.90	895.10	895.30

3824467.59	893.90	893.60	894.10	894.30	894.50
3824367.59	893.40	893.30	893.40	893.50	893.90
3824267.59	892.90	892.70	892.90	893.30	893.70
3824167.59	892.40	892.20	892.70	893.20	892.20
3824067.59	891.80	892.10	891.70	892.90	891.70
3823967.59	892.10	891.30	891.20	890.90	890.30
3823867.59	890.60	891.00	891.00	890.20	889.80
3823767.59	889.90	889.70	890.10	889.60	889.30
3823667.59	889.30	889.10	888.90	888.90	889.00
3823567.59	888.90	888.50	888.50	888.60	888.50
3823467.59	888.20	888.20	888.10	888.10	888.10
3823367.59	887.70	888.10	887.90	887.90	887.90
3823267.59	887.40	887.40	887.50	887.50	887.50
3823167.59	887.10	887.20	887.30	887.20	887.20
3823067.59	887.20	887.20	887.10	886.90	886.80
3822967.59	886.80	887.30	886.80	886.70	886.70
3822867.59	886.20	887.00	887.30	886.60	886.60
3822767.59	886.00	886.60	887.50	887.60	886.60
3822667.59	885.90	885.90	887.40	887.50	887.90
3822567.59	885.80	885.80	887.50	888.30	888.10

▲ *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***

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*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(482271.5, 3823688.3,	892.8,	892.8,	0.0);	(482528.3, 3823675.8,	889.3,	889.3,
0.0);						
(482527.7, 3823782.2,	890.1,	890.1,	0.0);	(482528.0, 3823892.5,	890.8,	890.8,
0.0);						
(482543.8, 3823712.8,	889.6,	889.6,	0.0);	(482558.9, 3823748.1,	889.8,	889.8,
0.0);						
(482528.7, 3823842.8,	890.2,	890.2,	0.0);	(480862.9, 3823814.2,	891.3,	1120.7,
0.0);						

```

( 482564.2, 3823587.2,      888.8,      888.8,      0.0);      ( 482553.1, 3823534.5,      888.5,      888.5,
0.0);
( 482604.6, 3823889.0,      891.2,      891.2,      0.0);      ( 482371.6, 3823961.1,      891.2,      891.2,
0.0);
( 480918.4, 3823145.9,      888.2,      1107.2,      0.0);      ( 481049.7, 3824095.1,      892.2,      1182.7,
0.0);

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^ *** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD View\19763 Apple Valley Truck and Trailer Facility\1 ***
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*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001192	482405.3	3823767.6	-0.08
L0001193	482405.3	3823767.6	-0.49
L0001204	482405.3	3823667.6	-3.22
L0001205	482405.3	3823667.6	0.09
L0001429	481005.3	3823967.6	-0.78
L0001430	481005.3	3823967.6	-5.00
L0001441	481005.3	3824067.6	-3.60
L0001442	481005.3	3824067.6	-3.13
L0001453	481005.3	3824167.6	-5.76
L0001454	481005.3	3824167.6	-0.47
L0001464	481005.3	3824267.6	-1.75
L0001465	481005.3	3824267.6	-5.37
L0001476	481005.3	3824367.6	-4.67
L0001477	481005.3	3824367.6	-2.94
L0001487	481005.3	3824467.6	0.41
L0001488	481005.3	3824467.6	-6.79
L0001489	481005.3	3824467.6	-0.06
L0001499	481005.3	3824567.6	-2.66

L0001500	481005.3	3824567.6	-5.38
L0001511	481005.3	3824667.6	-5.69
L0001512	481005.3	3824667.6	-2.54
L0001522	481005.3	3824767.6	-0.40
L0001523	481005.3	3824767.6	-7.59
L0001524	481005.3	3824767.6	0.47

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*** AERMET - VERSION 19191 *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 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,

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*** AERMET - VERSION 19191 *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

Surface file: E:\New MET data\KDAG_723815_23161\KDAG_723815_23161\KDAG_2015_2016_2018-2020_ADJ Met Version: 19191
 Profile file: E:\New MET data\KDAG_723815_23161\KDAG_723815_23161\KDAG_2015_2016_2018-2020_ADJ
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23161 Upper air station no.: 3120
 Name: DAGGETT/FAA_AIRPORT Name: UNKNOWN
 Year: 2015 Year: 2015

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
15	01	01	1	01	-24.9	0.256	-9.000	-9.000	-999.	311.	72.1	0.02	4.18	1.00	4.27	251.	10.0	272.5	2.0			
15	01	01	1	02	-24.3	0.250	-9.000	-9.000	-999.	300.	68.6	0.02	4.18	1.00	4.17	240.	10.0	272.5	2.0			
15	01	01	1	03	-28.4	0.292	-9.000	-9.000	-999.	379.	94.0	0.02	4.18	1.00	4.85	255.	10.0	273.1	2.0			
15	01	01	1	04	-26.1	0.266	-9.000	-9.000	-999.	329.	77.8	0.02	4.18	1.00	4.51	274.	10.0	270.4	2.0			
15	01	01	1	05	-32.2	0.328	-9.000	-9.000	-999.	450.	118.0	0.02	4.18	1.00	5.51	275.	10.0	270.4	2.0			
15	01	01	1	06	-34.9	0.355	-9.000	-9.000	-999.	507.	138.4	0.02	4.18	1.00	5.84	252.	10.0	270.4	2.0			
15	01	01	1	07	-34.8	0.355	-9.000	-9.000	-999.	508.	138.9	0.02	4.18	1.00	5.85	251.	10.0	271.4	2.0			
15	01	01	1	08	-19.3	0.250	-9.000	-9.000	-999.	306.	68.6	0.02	4.18	0.57	4.15	266.	10.0	270.9	2.0			
15	01	01	1	09	31.4	0.236	0.499	0.005	134.	276.	-35.7	0.02	4.18	0.36	3.40	255.	10.0	273.1	2.0			
15	01	01	1	10	103.0	0.183	1.101	0.005	441.	188.	-5.0	0.02	4.18	0.29	2.15	300.	10.0	277.0	2.0			
15	01	01	1	11	152.0	0.131	1.445	0.005	675.	114.	-1.3	0.04	4.18	0.26	1.08	230.	10.0	278.8	2.0			
15	01	01	1	12	175.1	0.131	2.058	0.006	1692.	114.	-1.1	0.02	4.18	0.25	1.31	109.	10.0	280.4	2.0			
15	01	01	1	13	171.2	0.143	2.108	0.011	1860.	130.	-1.4	0.01	4.18	0.26	1.55	35.	10.0	281.4	2.0			
15	01	01	1	14	140.5	0.177	1.982	0.011	1882.	179.	-3.4	0.01	4.18	0.27	2.16	55.	10.0	282.0	2.0			
15	01	01	1	15	84.4	0.150	1.677	0.011	1895.	139.	-3.4	0.02	4.18	0.30	1.77	64.	10.0	282.5	2.0			
15	01	01	1	16	8.8	0.148	0.789	0.010	1896.	136.	-31.1	0.02	4.18	0.40	2.15	70.	10.0	282.5	2.0			
15	01	01	1	17	-7.9	0.117	-9.000	-9.000	-999.	96.	17.3	0.02	4.18	0.70	2.08	75.	10.0	279.9	2.0			
15	01	01	1	18	-3.9	0.085	-9.000	-9.000	-999.	60.	13.5	0.05	4.18	1.00	1.24	196.	10.0	277.0	2.0			
15	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	4.18	1.00	0.00	0.	10.0	274.9	2.0			
15	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	4.18	1.00	0.00	0.	10.0	274.9	2.0			
15	01	01	1	21	-10.8	0.137	-9.000	-9.000	-999.	121.	20.5	0.02	4.18	1.00	2.36	260.	10.0	274.2	2.0			
15	01	01	1	22	-19.5	0.199	-9.000	-9.000	-999.	214.	43.7	0.02	4.18	1.00	3.36	262.	10.0	272.0	2.0			
15	01	01	1	23	-18.8	0.192	-9.000	-9.000	-999.	202.	40.5	0.04	4.18	1.00	2.86	230.	10.0	272.0	2.0			
15	01	01	1	24	-28.1	0.287	-9.000	-9.000	-999.	370.	90.9	0.02	4.18	1.00	4.86	270.	10.0	272.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
15	01	01	01	10.0	1	251.	4.27	272.6	99.0	-99.00	-99.00

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

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04/11/25

*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***															
INCLUDING SOURCE(S): 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	,	. . .
,															

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

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

Y-COORD (METERS)	480705.29	480805.29	480905.29	481005.29	481105.29	481205.29	481305.29	481405.29
481505.29								

3824767.59	0.00009	0.00011	0.00016	0.00023	0.00032	0.00022	0.00018	0.00016
0.00015								
3824667.59	0.00010	0.00012	0.00017	0.00027	0.00034	0.00024	0.00020	0.00018
0.00017								
3824567.59	0.00011	0.00013	0.00019	0.00028	0.00036	0.00026	0.00022	0.00020
0.00019								

3824467.59 0.00021	0.00012	0.00014	0.00020	0.00028	0.00038	0.00028	0.00024	0.00022
3824367.59 0.00025	0.00012	0.00015	0.00021	0.00032	0.00040	0.00031	0.00027	0.00026
3824267.59 0.00030	0.00013	0.00016	0.00022	0.00033	0.00042	0.00033	0.00031	0.00030
3824167.59 0.00037	0.00014	0.00018	0.00024	0.00036	0.00046	0.00038	0.00036	0.00036
3824067.59 0.00054	0.00016	0.00020	0.00028	0.00042	0.00054	0.00049	0.00049	0.00051
3823967.59 0.00129	0.00017	0.00025	0.00041	0.00071	0.00104	0.00113	0.00120	0.00125
3823867.59 0.00095	0.00018	0.00028	0.00063	0.00058	0.00063	0.00073	0.00083	0.00089
3823767.59 0.00044	0.00018	0.00026	0.00055	0.00043	0.00037	0.00036	0.00037	0.00040
3823667.59 0.00032	0.00017	0.00024	0.00052	0.00039	0.00032	0.00029	0.00029	0.00030
3823567.59 0.00027	0.00016	0.00023	0.00051	0.00038	0.00029	0.00027	0.00026	0.00026
3823467.59 0.00023	0.00015	0.00022	0.00050	0.00036	0.00028	0.00025	0.00023	0.00023
3823367.59 0.00020	0.00015	0.00021	0.00049	0.00035	0.00026	0.00023	0.00021	0.00020
3823267.59 0.00018	0.00014	0.00020	0.00046	0.00034	0.00025	0.00021	0.00020	0.00019
3823167.59 0.00016	0.00013	0.00019	0.00045	0.00032	0.00024	0.00020	0.00018	0.00017
3823067.59 0.00015	0.00012	0.00018	0.00046	0.00031	0.00023	0.00019	0.00017	0.00016
3822967.59 0.00014	0.00011	0.00017	0.00040	0.00030	0.00022	0.00018	0.00016	0.00014
3822867.59 0.00013	0.00011	0.00017	0.00043	0.00030	0.00021	0.00017	0.00015	0.00014
3822767.59 0.00012	0.00010	0.00016	0.00042	0.00030	0.00020	0.00016	0.00014	0.00013
3822667.59 0.00010	0.00009	0.00014	0.00041	0.00029	0.00019	0.00015	0.00013	0.00011
3822567.59 0.00008	0.00007	0.00012	0.00036	0.00024	0.00015	0.00012	0.00010	0.00009

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 *** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 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 , . . .
 ,

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

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

Y-COORD (METERS)	481605.29	481705.29	481805.29	481905.29	482005.29	482105.29	482205.29	482305.29
482405.29								
3824767.59 0.00013	0.00015	0.00015	0.00015	0.00014	0.00014	0.00014	0.00014	0.00013
3824667.59 0.00015	0.00017	0.00017	0.00017	0.00017	0.00017	0.00016	0.00016	0.00016
3824567.59 0.00018	0.00019	0.00019	0.00019	0.00020	0.00020	0.00020	0.00020	0.00019
3824467.59 0.00023	0.00021	0.00022	0.00022	0.00023	0.00024	0.00024	0.00024	0.00024
3824367.59 0.00029	0.00025	0.00025	0.00026	0.00028	0.00029	0.00030	0.00030	0.00030
3824267.59 0.00039	0.00030	0.00031	0.00032	0.00034	0.00037	0.00039	0.00040	0.00040

3824167.59	0.00039	0.00041	0.00043	0.00045	0.00049	0.00053	0.00058	0.00058
0.00056								
3824067.59	0.00057	0.00061	0.00065	0.00069	0.00074	0.00080	0.00089	0.00095
0.00092								
3823967.59	0.00133	0.00137	0.00142	0.00148	0.00156	0.00169	0.00187	0.00213
0.00216								
3823867.59	0.00100	0.00106	0.00114	0.00123	0.00137	0.00161	0.00211	0.00366
0.00842								
3823767.59	0.00048	0.00053	0.00060	0.00069	0.00085	0.00113	0.00172	0.00363
0.00673								
3823667.59	0.00035	0.00039	0.00044	0.00052	0.00063	0.00084	0.00129	0.00282
0.00614								
3823567.59	0.00028	0.00031	0.00035	0.00040	0.00047	0.00058	0.00074	0.00104
0.00111								
3823467.59	0.00024	0.00026	0.00028	0.00031	0.00034	0.00039	0.00042	0.00044
0.00042								
3823367.59	0.00021	0.00021	0.00022	0.00024	0.00026	0.00027	0.00027	0.00027
0.00026								
3823267.59	0.00018	0.00018	0.00019	0.00020	0.00020	0.00020	0.00019	0.00019
0.00019								
3823167.59	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00015	0.00015
0.00014								
3823067.59	0.00015	0.00014	0.00014	0.00014	0.00013	0.00013	0.00012	0.00012
0.00012								
3822967.59	0.00013	0.00013	0.00012	0.00012	0.00011	0.00011	0.00011	0.00010
0.00010								
3822867.59	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009
0.00008								
3822767.59	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00008	0.00008
0.00007								
3822667.59	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007
0.00006								
3822567.59	0.00008	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006
0.00006								

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 *** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 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 , . . .
 ,

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

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

Y-COORD (METERS)	482505.29	482605.29	482705.29	482805.29	482905.29
3824767.59	0.00012	0.00012	0.00013	0.00012	0.00012
3824667.59	0.00015	0.00015	0.00015	0.00015	0.00015
3824567.59	0.00018	0.00018	0.00018	0.00018	0.00018
3824467.59	0.00022	0.00022	0.00022	0.00023	0.00023
3824367.59	0.00028	0.00028	0.00029	0.00030	0.00030
3824267.59	0.00038	0.00038	0.00040	0.00041	0.00041
3824167.59	0.00055	0.00058	0.00060	0.00060	0.00061
3824067.59	0.00093	0.00102	0.00106	0.00104	0.00100
3823967.59	0.00252	0.00265	0.00241	0.00209	0.00175
3823867.59	0.01282	0.00656	0.00420	0.00300	0.00229
3823767.59	0.00775	0.00526	0.00386	0.00287	0.00221
3823667.59	0.00675	0.00371	0.00260	0.00206	0.00170
3823567.59	0.00126	0.00137	0.00128	0.00116	0.00106
3823467.59	0.00041	0.00044	0.00050	0.00054	0.00057
3823367.59	0.00025	0.00025	0.00027	0.00029	0.00031
3823267.59	0.00018	0.00017	0.00018	0.00019	0.00020
3823167.59	0.00014	0.00013	0.00013	0.00014	0.00014
3823067.59	0.00011	0.00011	0.00011	0.00011	0.00011
3822967.59	0.00009	0.00009	0.00009	0.00009	0.00009

3822867.59		0.00008	0.00008	0.00008	0.00008	0.00008
3822767.59		0.00007	0.00007	0.00007	0.00007	0.00007
3822667.59		0.00006	0.00006	0.00006	0.00006	0.00006
3822567.59		0.00005	0.00005	0.00005	0.00005	0.00005

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*** AERMET - VERSION 19191 *** *** DPM emissions concentrations OY 2026

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 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 , . . .
,

*** 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
482271.54	3823688.31	0.00213	482528.26	3823675.85	0.00587
482527.73	3823782.23	0.00757	482528.01	3823892.53	0.00824
482543.78	3823712.84	0.00567	482558.90	3823748.12	0.00574
482528.66	3823842.76	0.01128	480862.87	3823814.18	0.00041
482564.20	3823587.17	0.00192	482553.13	3823534.49	0.00081
482604.58	3823889.01	0.00586	482371.57	3823961.15	0.00241

480918.38 3823145.86 0.00050 481049.74 3824095.14 0.00061

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*** AERMET - VERSION 19191 *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL 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	0.01282 AT (482505.29, 3823867.59, 890.60, 890.60, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.01128 AT (482528.66, 3823842.76, 890.25, 890.25, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00842 AT (482405.29, 3823867.59, 890.80, 890.80, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00824 AT (482528.01, 3823892.53, 890.79, 890.79, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00775 AT (482505.29, 3823767.59, 889.90, 889.90, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00757 AT (482527.73, 3823782.23, 890.06, 890.06, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00675 AT (482505.29, 3823667.59, 889.30, 889.30, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00673 AT (482405.29, 3823767.59, 890.80, 890.80, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00656 AT (482605.29, 3823867.59, 891.00, 891.00, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00614 AT (482405.29, 3823667.59, 891.10, 891.10, 0.00)	GC	UCART1

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

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*** AERMET - VERSION 19191 *** DPM emissions concentrations OY 2026 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 6 Warning Message(s)
 A Total of 637 Informational Message(s)

 A Total of 43848 Hours Were Processed

 A Total of 191 Calm Hours Identified

 A Total of 446 Missing Hours Identified (1.02 Percent)

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

***** WARNING MESSAGES *****

SO W320	859	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	860	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	1472	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1472	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	
MX W450	17545	CHKDAT: Record Out of Sequence in Meteorological File at:	18010101
MX W450	17545	CHKDAT: Record Out of Sequence in Meteorological File at:	1 year gap

 *** AERMOD Finishes Successfully ***

EMFAC2021 for San Bernardino (SC)

PM2.5 Running and Idling Exhaust

Area	Season	Veh	Fuel	MdlYr	Speed (Miles/hr)	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)	2036 (gms/mile)
San Bernardino (SC)	Annual	LHDT2	DSL	Aggregated	0	0.777544	0.777539	0.77765	0.777228	0.776552	0.772631	0.770784	0.768303	0.765381	0.761339	0.76085
San Bernardino (SC)	Annual	LHDT2	DSL	Aggregated	5	0.056486	0.053235	0.050727	0.048784	0.047295	0.046041	0.04507	0.044345	0.043925	0.043383	0.043392
San Bernardino (SC)	Annual	LHDT2	DSL	Aggregated	10	0.04702	0.044449	0.042473	0.040952	0.039803	0.03887	0.03818	0.037707	0.037493	0.037198	0.037256
San Bernardino (SC)	Annual	LHDT2	DSL	Aggregated	35	0.019459	0.018621	0.017998	0.017541	0.017219	0.016983	0.016838	0.016776	0.01681	0.016819	0.016923
San Bernardino (SC)	Annual	MHDT	DSL	Aggregated	0	0.049764	0.041162	0.034359	0.028849	0.024397	0.020752	0.018038	0.015804	0.014045	0.012547	0.011458
San Bernardino (SC)	Annual	MHDT	DSL	Aggregated	5	0.032878	0.027462	0.023065	0.019496	0.016589	0.014187	0.012242	0.010647	0.009378	0.008311	0.007445
San Bernardino (SC)	Annual	MHDT	DSL	Aggregated	10	0.026749	0.022318	0.018721	0.015799	0.013418	0.011449	0.009852	0.008541	0.007498	0.006618	0.005911
San Bernardino (SC)	Annual	MHDT	DSL	Aggregated	35	0.006597	0.005684	0.004945	0.004336	0.003836	0.003412	0.003062	0.002766	0.002529	0.002319	0.002176
San Bernardino (SC)	Annual	HHDT	DSL	Aggregated	0	0.013923	0.013343	0.012838	0.012276	0.011792	0.011375	0.011065	0.010815	0.010558	0.010383	0.010261
San Bernardino (SC)	Annual	HHDT	DSL	Aggregated	5	0.013603	0.013294	0.013002	0.012669	0.012344	0.012015	0.011674	0.011385	0.011096	0.010891	0.010738
San Bernardino (SC)	Annual	HHDT	DSL	Aggregated	10	0.011464	0.01116	0.010875	0.010558	0.01025	0.009941	0.009624	0.009354	0.009087	0.008898	0.008758
San Bernardino (SC)	Annual	HHDT	DSL	Aggregated	35	0.00773	0.007515	0.00732	0.007119	0.006927	0.006736	0.006543	0.006372	0.006207	0.006082	0.005994

	<u>2026</u> 5 mph	<u>2026</u> 10 mph	<u>2026</u> 35 mph	<u>2026</u> 0 mph (idling)
LHDT2	0.08144	0.04702	0.01946	0.77754
MHDT	0.06814	0.02675	0.00660	0.04976
HHDT	0.02111	0.01146	0.00773	0.01392

2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)	(gms/mile)
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	0.762615
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	0.039094
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	0.034045
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	0.016063
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	0.00702
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	0.003924
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	0.003016
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	0.001434
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	0.009662
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	0.010031
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	0.008121
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	0.005603



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