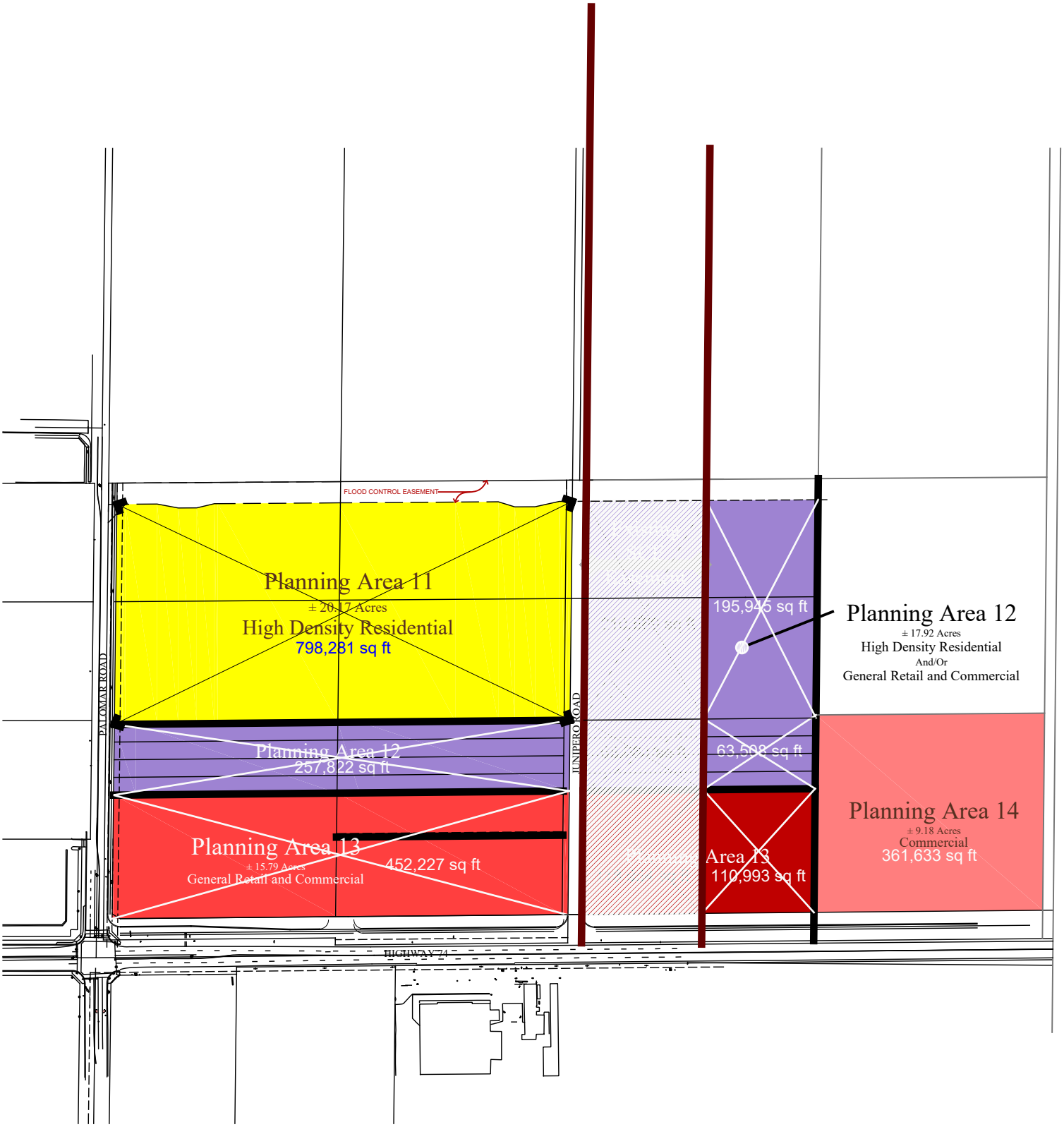
PALOMAR CROSSING MENIFEE NORTH SPA
HEALTH RISK ASSESSMENT
City of Menifee



PALOMAR CROSSING
MENIFEE NORTH SPECIFIC PLAN AMENDMENT
HEALTH RISK ASSESSMENT
City of Menifee, California

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July 7, 2019

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1.0 Introduction and Setting

1.1 Purpose and Objectives

This study was performed to address the possibility of cancer risk from diesel air emissions. The objectives of the study include:

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

The City of Menifee is the lead agency requesting the preparation of this health risk assessment in response to a comment from SCAQMD pertaining to potential health risks from vehicular traffic along State Route (SR) 74. The City of Menifee also requested an analysis of potential health risks from point source emissions from industrial facilities located less than 1,000 feet from the project site.

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 and health risk, a definition of terms has been provided in Appendix A.

1.2 Project Location

The project site is located at the northeast corner of Highway 74 and Palomar Road in the City of Menifee, County of Riverside, as indicated in Exhibit A. The project site is approximately 53.88 acres in size and is currently vacant. The project site is located within the Menifee North Specific Plan area and the land use designations for the site include Commercial Retail (CR) 0.20-0.35 FAR, Commercial Office (CO) 0.25-1.0 FAR, and Public Utility Corridor (PUC). Land uses surrounding the site include single-family detached residential dwelling uses and vacant land zoned for residential and recreational uses to the north, single-family detached residential dwelling units and vacant land zoned for commercial uses to the east, commercial, business park, and public facilities uses to the south, and commercial uses, single-family residential uses, and vacant land zoned for residential use to the west. A vicinity map showing the project location is provided on Exhibit 1.

The SCAQMD MATES-IV study shows that the project area has an existing, ambient cancer risk from toxic air emissions of 406.94 in one million. In comparison, the average cancer risk for South Coast Air Basin portion of Riverside County is 223 in one million. This increased cancer risk in vicinity of the site is largely due to the proximity to the I-215 freeway to the site.

1.3 Project Description

The project will consist of constructing and operating 637 high-density residential apartment dwelling units and 246,312 square feet of general retail and commercial (shopping center) uses. The proposed project site is split into three planning areas (PAs), PA 11, PA 12, and PA 13. PA 11 includes 484 high density residential apartment dwelling units. PA 12 includes 153 high density residential apartment dwelling units and 77,347 square feet of general retail and commercial uses. PA 13 includes 168,965 square feet of general retail and commercial uses.

As this is a plan level analysis, it has been estimated that the commercial portion of the proposed project would include a total of 574,727 square feet of parking areas and approximately fifteen percent of each PA would be landscaped. The site plan used in this analysis is illustrated in Exhibit 2.

1.4 Sensitive Receptors in Project Vicinity

Those who are sensitive to air pollution include children, the elderly, and persons with preexisting respiratory or cardiovascular illness. For purposes of CEQA, the SCAQMD defines a sensitive receptor as a land use such as residences, schools, child care centers, athletic facilities, playgrounds, retirement homes and convalescent homes (South Coast Air Quality Management District 2008). Commercial and industrial facilities are not included in the definition because employees do not typically remain on-site for 24 hours.

Sensitive receptors are being created within the project site as the project proposes residential uses. The nearest existing sensitive receptors are the existing single-family detached residential dwelling units located adjacent to the eastern property line of the site, existing single-family detached residential dwelling units located approximately 150 feet (46 meters) northeast of the site (across Palomar Road), and existing single-family detached residential dwelling units located approximately 300 feet north of the site.

According to site plan, the closest any new residential use could be to potential roadway diesel particulate matter (DPM) sources would be approximately 400 feet from the nearest lanes of travel of SR-74. Impacts to the proposed residential development from roadway-related diesel traffic is examined in this analysis report.

1.5 Executive Summary of Findings

The project is a mixed use of 637 high-density residential apartment dwelling units and 246,312 square feet of general retail and commercial (shopping center) uses, will not be a significant source of toxic air contaminants (TACs) and would also not be exposed to significant DPM TAC emissions or cancer risk from nearby traffic along SR-74. Therefore, it is concluded that the project site will not be impacted by TAC emissions. The operational

health risk impacts for non-cancer related impacts are less than 1.0; therefore, they are considered to be less significant. Future residential uses will not be exposed to significant levels of TACs from nearby industrial facilities.

Exhibit 1. Project Location Map

Exhibit 2. Site Plan

2.0 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. As this analysis does not analyze the impact from criteria pollutants, rather it focuses on the health risk from diesel particulate matter (DPM) emissions. DPM is considered a toxic air contaminant.

2.1 Toxic Air Contaminants

A toxic air contaminant (TAC) is defined as an air pollutant which may cause or contribute to an increase in mortality or serious illness, or which may pose a hazard to human health. To address health risks associated with TAC emissions, the ARB has adopted an aggressive risk reduction plan to achieve reductions in health risks associated with TAC emissions (ARB 2000). TACs are usually present in minute quantities in the ambient air. However, their high toxicity or health risk may pose a threat to public health even at very low concentrations. For those TACs that may cause cancer, there is no concentration that does not present some risk. In other words, there is no threshold level below which adverse health impacts are not expected to occur. This contrasts with the criteria pollutants for which acceptable levels of exposure can be determined and for which the State and federal governments have set ambient air quality standards. The majority of the estimated health risk from TACs can be attributed to a relatively few compounds, the most important being PM from diesel-fueled engines and DPM. In addition to DPM, benzene and 1,3-butadiene are also significant contributors to overall ambient public health risk in California.

Both SCAQMD and ARB have monitoring networks in the SoCAB that measure ambient concentrations of certain TACs that are associated with important health-related effects, and are present in appreciable concentrations in the SoCAB. The SCAQMD uses this information to determine health risks for a particular area. The ARB publishes annual Statewide, air basin, and location-specific summaries of the concentration levels of several TACs and their resulting cancer risks[1]. The most recent summary is the ARB Air Quality Almanac for 2013 (ARB 2013). The Almanac presents the relevant concentration and 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

[1] Cancer risk is expressed as a probability of an individual out of a population of one million contracting cancer via a continuous exposure to TACs over a 70-year lifetime. Recent changes to health risk methodology have reduced the exposure time to 30 years; however, the risk calculations now include risks due to pre-natal, infant and child exposure as well as to adults (16+ years) and older.

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. ARB 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. Table 1 provides this summary of TACs and health risk information from the ARB Annual Toxic Summary for the most recent three-year period, 2015-2017 for the Riverside-Rubidoux air monitoring station located approximately 0.5 miles southeast of the project site. The cancer risk attributable to the non-DPM chemicals (i.e., the 10 TACs measured by the ARB described above) have also shown significant reductions at the Rubidoux location declining from an estimated cancer risk of 429 in one million in 1990, to 130 in one million in 2015, a reduction of 70 percent. However, the total health risk shown for 2016 and 2017 is based on the revised risk methodology; which emphasizes the risk to children. The concentration of pollutants has not increased in recent years; just the risk from those pollutants, due to the change in risk assessment methodology.

2.1 Asbestos

Asbestos is listed as a TAC by the ARB and as a Hazardous Air Pollutant by the 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. 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 Santa Barbara County. The nearest historic asbestos mine to the project site, as identified in the Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California, prepared by U.S. Geological Survey, is located at Asbestos Mountain within the San Jacinto Mountain range and approximately 41 miles east of the project site. Due to these distances to the nearest natural occurrences of asbestos, neither the project site nor any fill material imported to the site is likely to contain asbestos.

Table 1

TAC Concentration Levels and Associated Risks - Riverside[1]

TAC	Concentration[2] / Risk[3]	Year		
		2015	2016	2017
Acetaldehyde	Annual Average	1.480	1.440	1.080
	Health Risk	22	21	16
Benzene	Annual Average	ND	0.327	0.271
	Health Risk	ND	85	70
1,3-Butadiene	Annual Average	ND	0.053	0.044
	Health Risk	ND	57	48
Carbon Tetrachloride	Annual Average	ND	0.087	0.090
	Health Risk	ND	67	69
Chromium, Hex	Annual Average	0.083	0.045	ND
	Health Risk	34	19	ND
Para-Dichlorobenzene	Annual Average	ID	ID	ID
	Health Risk	ID	ID	ID
Formaldehyde	Annual Average	3.520	3.640	3.350
	Health Risk	74	76	70
Methylene Chloride	Annual Average	ND	48.200	12.300
	Health Risk	ND	477	122
Perchloroethylene	Annual Average	ND	0.018	0.013
	Health Risk	ND	2	2
Diesel PM	Annual Average	No monitoring data available		
	Health Risk			
Total Health Risk (without DPM)		**130**	**804**	**397**

[1] Source: http://www.arb.ca.gov/adam/toxics/toxics.html (for Riverside-Rubidoux Air Monitoring Station; closest with avaialble data to the site)

[2] Concentrations for Hexavalent Chromium are expressed as ng/m3, and concentrations for Diesel PM are expressed as µg/m3. Concentrations for all other TACs are expressed as ppb

[3] Health Risk represents the number of excess cancer cases per million people based on a lifetime (70-year,; 30-year in 2016) exposure to the annual average concentration. Total Health Risk represents only those compounds listed in this table and only those with data for the year. There may be other significant compounds for which monitoring and/or health risk information is not available.

ND = no data reported

ID = insufficient data

3.0 Air Quality Management

3.1 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.

1. Federal - United States Environmental Protection Agency

The United States Environmental Protection Agency (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).

2. State – California Air Resources Board

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

CARB Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling adopts new section 2485 within Chapter 10, Article 1, Division 3, title 13 in the California Code of Regulations. The measure limits the idling of diesel vehicles (i.e., commercial trucks over 10,000 pounds) to reduce emissions of toxics and criteria

pollutants. The driver of any vehicle subject to this section: (1) shall not idle the vehicle's primary diesel engine for greater than five minutes at any location; and (2) shall not idle a diesel-fueled auxiliary power system for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools).

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

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

The CARB is also responsible for regulations pertaining to toxic air contaminants. The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly) was enacted in 1987 as a means to establish a formal air toxics emission inventory risk quantification program. AB 2588, as amended, establishes a process that requires stationary sources to report the type and quantities of certain substances their facilities routinely release into the South Coast 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 Children's Environmental Health Protection Act of 1999 (Health and Safety Code Section 39606), requires explicit consideration of infants and children in assessing risks from air toxics. This necessitated that the Office of Environmental Health Hazard Assessment (OEHHA) revise the methods for both noncancer and cancer risk assessment, and of the exposure variates. The 2015 draft version of the OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines was updated from the previous 2003 version (OEHHA, 2003). The revised guidance manual reflects advances in the field of risk assessment along with explicit consideration of infants and children.

3. Regional

The SCAQMD is the agency principally responsible for comprehensive air pollution control in the South Coast Air Basin. To that end, as a regional agency, the SCAQMD works directly with the Southern California Association of Governments (SCAG), county transportation commissions, and local governments and cooperates actively with all federal and state agencies. SCAMD defines a "sensitive receptor" as a land use such as residences, schools, child care centers, athletic facilities, playgrounds, retirement homes and convalescent homes.

South Coast Air Quality Management District
The Project is located within the SCAQMD and is, therefore, subject to the rules and regulations of the SCAQMD. The SCAQMD has not established its own set of ambient air quality standards, and relies on the standards established by the ARB and the USEPA. The SCAQMD has, however, established health risk significance thresholds that it recommends to lead agencies in determining the health risk significance of new sources of air emissions under the California Environmental Quality Act.

In this regard, he SCAQMD has published a number of significance thresholds that apply to new projects operated within the SCAQMD. If the lead agency finds that a proposed project has the potential to exceed these health risk significance thresholds, the project would be considered to have a significant impact. These thresholds have been defined by SCAQMD based on scientific data the SCAQMD has obtained and factual data within the federal and State Clean Air Acts. The City of Menifee has not adopted its own set of significance thresholds. However, since the project is located within the SCAQMD, the SCAQMD thresholds have been adopted for this project. The SCAQMD has defined thresholds for health risk in terms of cancer risk and non-cancer hazard.

From the perspective of this analysis, the emissions were evaluated in terms of impacts on air quality from the operation of the project. The Health Risk Significance Threshold is discussed below.

3.1 Health Risk Significant Thresholds

In addition to the thresholds established above for pollutants, the SCAQMD has also defined health risk thresholds. These thresholds are represented as a cancer risk and a non-cancer hazard to the public from exposures to TACs. Cancer risk represents the probability (in terms of risk per million individuals) that an individual would contract cancer resulting from exposure to TACs continuously over a lifetime exposure period of 30 years for sensitive receptors. Thus, an individual located in an area with a cancer risk of one would experience a one chance out of a population of one million of contracting cancer over a 30-year time period, assuming that individual lives in that exact location continuously for the entire 30-year time period.

TACs can also cause chronic (long-term) and acute (short-term) related non-cancer illnesses such as reproductive effects, respiratory effects, eye sensitivity, immune effects, kidney effects, blood effects, central nervous system effects, birth defects, or other adverse environmental effects. Risk characterization for non-cancer health hazards from TACs is expressed as a hazard index (HI). The HI is a ratio of the predicted concentration of the project's emissions to a concentration considered acceptable to public health professionals, termed the Reference Exposure Level (REL). The SCAQMD has established the following health risk thresholds.

- Maximum Incremental Cancer Risk: 10 in 1 million at the nearest sensitive receptor or off-site worker; and
- Hazard Index (project increment) 1.0 or greater.

In 2005, the Western Riverside Council of Governments published a guidance document referred to as the "Good Neighbor Guidelines for Siting New and/or Modified Warehouse/Distribution Facilities" (WRCOG 2005). This document recommends guidelines that provide local governments and developers with a menu of options or strategies that can reduce exposure to diesel particulate from new and/or modified warehouse or distribution centers, or other sources of diesel pollution, such as freeways, urban roads with 100,000 vehicles/day, or rural roads with 50,000 vehicles/day. The Guidelines include seven goals, and a variety of strategies for each goal that can be implemented in whole or part. There are a variety of benefits associated with adopting the guidelines, such as reducing the exposure of residents and sensitive receptors to diesel emissions.

4.0 Air Quality Standards

4.1 Toxic Air Contaminants

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

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

In order to determine if the proposed project may have a significant impact related to hazardous air pollutants (HAP), the Health Risk Assessment Guidance for analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis, (Diesel Analysis), prepared by SCAQMD, August 2003, recommends that if the proposed project is anticipated to create hazardous air pollutants through stationary sources or regular operations of diesel trucks on the project site, then the proximity of the nearest receptors to the source of the hazardous air pollutants and the toxicity of the hazardous air pollutants should be analyzed through a comprehensive facility-wide health risk assessment (HRA)[2]. The sensitive receptors within the proposed project could be exposed to toxic air contaminants (TACs) from diesel truck emissions from the nearby SR-74 roadway.

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. In regards to 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

[2] In February 2015, the Office of Environmental Health Hazard Assessment updated their "Air Toxics Hot Spots Program, Risk Assessments Guidelines, Guidance Manual for Preparation of Health Risk Assessments; however, the updated OEHHA guidance states in the page footers "do not cite or quote." SCAQMD staff have incorporated the updates into their methodology for SCAQMD's Rules 1401, 1401.1, 1402, and 212, and have updated their HRA Guidance for permitting; however they are still in the process of updating the guidance for CEQA analyses (via working group sessions); however, to be conservative, the new OEHHA guidance was used to assess HRA impacts in this analysis. Per SCAQMD staff (personal communication with Dr. Jillian Wong 6-19-2015, 12-22-15 and 9-14-17), updated SCAQMD HRA guidance will be forthcoming.

health risks) then an analysis of those hazards and the proposed project's effect on increasing those hazards is not required.

The project is a mixed use (commercial/residential) project and will not be a source of toxic air contaminants. The existing conditions on the project site only include vacant land that does not contain any operational land uses that emit toxic air contaminants. However, as the project is locating sensitive receptors in proximity to roadway-related DPM sources, an HRA was conducted at the request of the City of Menifee for informational and disclosure purposes.

5.0 Diesel Emissions Health Risk Assessment

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

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

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

Sensitive receptors are being created within the project site as the project proposes residential uses. The nearest existing sensitive receptors are the existing single-family detached residential dwelling units located adjacent to the eastern property line of the site, existing single-family detached residential dwelling units located approximately 150 feet (46 meters) northeast of the site (across Palomar Road), and existing single-family detached residential dwelling units located approximately 300 feet north of the site.

The ARB Air Quality and Land Use Handbook (ARB Handbook) provides an advisory recommendation to avoid the locating new sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day. The closest any new residential use could be to potential roadway diesel particulate matter (DPM) sources would be approximately 400 feet from the nearest lanes of travel of SR-74. For SR-74, the City of Menifee General Plan (GP) proposed average daily traffic (ADT) post year 2035 shows that the road segment of SR-74 west of Menifee Road will have a build out ADT of 62,300. Caltrans truck traffic counts shows that the 2017 AADT truck percentage at the segment of SR-74 at Junction Route 215 is 12 percent. When that percentage was applied to the post-2035 build-out volumes from the GP, this yields a total of 7,476 trucks. Of those trucks, per Caltrans data, 1,719 would be 4+ axle, 673 would be 3-axle, and 5,084 would be 2-axle.

To determine the potential health risk from SR-74-related emissions sources to the future residents of the project site, a health risk estimate was performed.

Estimate of Emission Factors

The DPM emission factors for the various vehicle types were derived from the CARB EMFAC2017 mobile source emission model. The third trimester exposure used opening year (2023) emissions factors, 2-year factors (for infant exposure) reflect years 2024 and 2025, 14-year average factors (for child exposure during years 2-16) reflect emissions during the first 14 years of operation after infancy (2026 to 2039), and the second 14 years of exposure (years 2040-2053) were also used for assessment of exposure during years 16 to 30 and were derived for Riverside County.

The four different sets of emissions factors used in this assessment are detailed in Table 2. It should be noted that the DPM emissions on both the gram per mile and gram per idle hour bases have declined beyond 2019 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. Table 3 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 3:

Line source: A series of volume sources along a path, for example, vehicular traffic along a roadway (shown as a blue line on Exhibit 3).

Exhibit 3 provides the location of the sensitive receptors (shown by orange triangles) and emission source locations, shown by the blue line along the roadway. The site boundary is outlined in pink.

5.1 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 planning areas that allowed residential uses within the proposed project (as detailed above and shown in Exhibit 2). In addition, the identified sensitive receptors locations were supplemented by the specification of a modeling grid that extended around the proposed project to identify other potential locations of impact. To be conservative, a Cartesian grid with 50 meters spacing was used. Per SCAQMD AERMOD guidance, and to ensure that impacts to children of all heights were assessed, the receptor height is 0 meters (per

SCAQMD methodology). The locations of the receptors are shown as orange triangles on Exhibit 3.

5.2 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.

1. Model Selection

   The assessment of air quality and health risk impacts from pollutant emissions from this project applied the USEPA AERMOD Model, which is the air dispersion model accepted by the SCAQMD for performing air quality impact analyses. AERMOD predicts pollutant concentrations from point, area, volume, line, and flare sources with variable emissions in terrain from flat to complex. It captures the essential atmospheric physical processes and provides reasonable estimates over a wide range of meteorological conditions and modeling scenarios. AERMAP, which assigns detailed terrain information, was run prior to running AERMOD. Per SCAQMD guidance, National Elevation Dataset (NED) data in GeoTIFF format (30 m) was used.

2. General Model Assumptions

   The basic options used in the dispersion modeling are summarized in Table 4.

3. Meteorological Data

   Meteorological data (processed with the ADJ_U[3] option) from the Air District's Perris monitoring site was selected for this modeling application. Five full years of sequential meteorological data was collected at the site from January 1, 2010 to December 31, 2016 by the SCAQMD. The SCAQMD processed the data for input to the model. The data was obtained at SCAQMD's http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/data-for-aermod (Exhibit 4 shows a Wind Rose for Perris).

5.3 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.

[3] The ADJ_U option was specified in AERMET for all stations found in Table 1. ADJ_U* is now a regulatory option in the AERMOD modeling system that adjusts the surface friction velocity parameter in the surface file (*.sfc) to improve model performance for sources that have peak concentrations under low wind, stable atmospheric conditions.

1. Cancer Risks

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

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

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

Where:
Cair [Concentration in air (μg/m3)] = (Calculated by AERMOD Model)
DBR [Daily breathing rate (L/kg body weight – day)] = 261 for adults, 572 for children, and 1,090 for infants, and 361 for 3rd trimester *per SCAQMD Permit Application Package "M" Table 9.1 guidance.*

A [Inhalation absorption factor] = 1
EF [Exposure frequency (days/year)] = 350
ED [Exposure duration (years)] = 30 for adults (for an individual who is an adult at opening year), 14 for children (from 2-16 years), 14 for adults (from 16-30 years), 2 for infants, and 1 for 3rd Trimester
ASF [Age sensitivity factor) = 10 for 3rd trimester to 2 years of age, 3 for 2 to 16 years of age, and 1 for 16 to 30 years of age
FAH [Fraction of time spent at home] = 1 for 3rd trimester to 2 years of age, 1 for 2 to 16 years of age, and 0.73 for 16 to 30 years of age
10^6 [Micrograms to milligrams conversion]
AT [Average time period over which exposure is averaged in days] = 25,550

The model run results are shown in Appendix B. Health risks to each receptor are shown in column (g) of Tables 5 through 9. Exhibit 5 illustrates the cancer risk to the most affected age-group, infants 0-2 years.

Table 5 shows the cancer risk for an unborn child during the 3rd trimester, Table 6 shows the cancer risk to infants (0-2 years), Table 7 shows the cancer risk to children ages 2 to 16 years and Table 8 shows the cancer risk as that child becomes an adult (years 16-30).

The highest 3rd trimester cancer risk is at receptors 2 and 3; with a maximum risk of 0.08 in one million. The highest infant cancer risk is at receptor 2; with a maximum risk of 1.95 in one million. The highest child cancer risk is at receptor 2; with a maximum risk of 1.71 in one million. Therefore, no unborn babies, infants or children

are exposed to cancer risk in excess of 10 in a million. The highest adult cancer risk is at receptors 2 and 3; with a maximum risk of 0.16 in one million; therefore, no adults are exposed to cancer risk from SR-74-related diesel emissions in excess of 10 in a million either.

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

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

Based on the above, ultra-conservative assumptions, Table 9 shows that 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 3.9 in a million.

As the cancer risk is less than 10 in a million for all groups analyzed, it is concluded that the project site will not be impacted by TAC emissions. Impacts are considered to be less than significant.

2. Non-Cancer Risks

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

HIDPM = CDPM/RELDPM

Where,

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

The non-carcinogenic hazards to residential adult, 3rd trimester, child and infant receptors are also detailed in Tables 5 through 8 column (j). The RELDPM is 5 μg/m3. The Office of Environmental Health Hazard Assessment as protective for the

respiratory system has established this concentration. Using the maximum DPM concentration for the opening year, the resulting Hazard Index is

HIDPM = 0.11663/5 = 0.0233

The criterion for significance is a Hazard Index increase of 1.0 or greater. Therefore, the proposed project would have a less than significant impact due to the non-cancer risk from diesel emissions from the adjacent SR-74 roadway.

Table 2

DPM Vehicular Emission Factors[1]

Vehicle Type	MPH assumed for vehicle type	14-year Average DPM Exhaust Emissions Factor(g/mi) [First 14 years]
Light Duty Auto (LDA)	50	0.001489109
Light Duty Truck 1 (LDT1)	50	0.016943463
Light Duty Truck 2 (LDT2)	50	0.00351988
Medium Duty Truck (MDV)	45	0.001804719
Light-Heavy Duty Truck 1 (LHDT1)	45	0.009785669
Light-Heavy Duty Truck 2 (LHDT2)	45	0.013726563
Medium-Heavy Duty Truck (MHDT)	40	0.004863
Heavy-Heavy Duty Truck (HHDT)	40	0.010697

Vehicle Type	MPH assumed for vehicle type	14-year Average DPM Exhaust Emissions Factor(g/mi) [Second 14 years]
Light Duty Auto (LDA)	50	0.000638938
Light Duty Truck 1 (LDT1)	50	0.003741004
Light Duty Truck 2 (LDT2)	50	0.003594645
Medium Duty Truck (MDV)	45	0.000802378
Light-Heavy Duty Truck 1 (LHDT1)	45	0.004951398
Light-Heavy Duty Truck 2 (LHDT2)	45	0.012183267
Medium-Heavy Duty Truck (MHDT)	40	0.004690
Heavy-Heavy Duty Truck (HHDT)	40	0.010348

Vehicle Type	MPH assumed for vehicle type	2-year Average DPM Exhaust Emissions Factor(g/mi)
Light Duty Auto (LDA)	50	0.003939282
Light Duty Truck 1 (LDT1)	50	0.103538394
Light Duty Truck 2 (LDT2)	50	0.003810107
Medium Duty Truck (MDV)	45	0.003557191
Light-Heavy Duty Truck 1 (LHDT1)	45	0.015552562
Light-Heavy Duty Truck 2 (LHDT2)	45	0.01604317
Medium-Heavy Duty Truck (MHDT)	40	0.004893
Heavy-Heavy Duty Truck (HHDT)	40	0.011192

Vehicle Type	MPH assumed for vehicle type	1-year Average DPM Exhaust Emissions Factor(g/mi)
Light Duty Auto (LDA)	50	0.004983254
Light Duty Truck 1 (LDT1)	50	0.119487051
Light Duty Truck 2 (LDT2)	50	0.004894692
Medium Duty Truck (MDV)	45	0.004054561
Light-Heavy Duty Truck 1 (LHDT1)	45	0.016944329
Light-Heavy Duty Truck 2 (LHDT2)	45	0.016654742
Medium-Heavy Duty Truck (MHDT)	40	0.004833
Heavy-Heavy Duty Truck (HHDT)	40	0.011019

[1] Source: EMFAC2017 for Riv (SC).

Table3

Summary of Emission Configurations

Emission Source Type	Geometric Configuration	Relevant Assumptions
Off-Site Diesel Truck Traffic	Line Sources	· Plume height: 12 feet
		· Plume width: 12 feet
		· Vehicle speed: See Table 2
		· Length of the line source along SR-74 adjacent to the site
		· Vehicle types: heavy-heavy-duty, medium-heavy-duty and light-heavy-duty diesel delivery trucks
		· Emission factor: CARB EMFAC2017 (see Table 2)

Table 4

General Modeling Assumptions - AERMOD Model

Feature	Option Selected
Zone	11 North
Terrain processing	AERMAP NED GEOTIFF (30 m)
Emission source configuration	See Table 3
Regulatory dispersion options	Default
Land use	Urban[1]
Coordinate system	UTM
Receptor height	0 meters above ground[1]
Meteorological data	SCAQMD Perris Met Data

[1] Per SCAQMD AERMOD guidance methodology, available at http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/modeling-guidance

Table 5

Carcinogenic Risks and Non-Carcinogenic Hazards
3rd Trimester Exposure Scenario (0.25 Years)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.0055	5.5E-06	1.00E+00	DPM	1.1E+00	0.07	5.0E+00	1.4E-03	0.0011
2	0.00614	6.1E-06	1.00E+00	DPM	1.1E+00	0.08	5.0E+00	1.4E-03	0.0012
3	0.00596	6.0E-06	1.00E+00	DPM	1.1E+00	0.08	5.0E+00	1.4E-03	0.0012
4	0.00411	4.1E-06	1.00E+00	DPM	1.1E+00	0.06	5.0E+00	1.4E-03	0.0008

Note: Exposure factors used to calculate TAC intake

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

Table 6

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

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.00532	5.3E-06	1.00E+00	DPM	1.1E+00	1.75	5.0E+00	1.4E-03	0.0011
2	0.00593	5.9E-06	1.00E+00	DPM	1.1E+00	1.95	5.0E+00	1.4E-03	0.0012
3	0.00576	5.8E-06	1.00E+00	DPM	1.1E+00	1.89	5.0E+00	1.4E-03	0.0012
4	0.00397	4.0E-06	1.00E+00	DPM	1.1E+00	1.30	5.0E+00	1.4E-03	0.0008

Note: Exposure factors used to calculate TAC intake

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

Table 7

Carcinogenic Risks and Non-Carcinogenic Hazards
Child Exposure Scenario (14 Year)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.00423	4.2E-06	1.00E+00	DPM	1.1E+00	1.53	5.0E+00	1.4E-03	0.0008
2	0.00472	4.7E-06	1.00E+00	DPM	1.1E+00	1.71	5.0E+00	1.4E-03	0.0009
3	0.00458	4.6E-06	1.00E+00	DPM	1.1E+00	1.66	5.0E+00	1.4E-03	0.0009
4	0.00315	3.2E-06	1.00E+00	DPM	1.1E+00	1.14	5.0E+00	1.4E-03	0.0006

Note: Exposure factors used to calculate TAC intake

Exposure Frequency (days/year)	350
Exposure Duration (years)	14
Daily Breathing Rate	572.00
Age Sensitivity Factor	3
Fraction of Time At Home (FAH)	1
Averaging Time $_{(cancer)}$ (days)	25550
Averaging Time $_{(non\text{-}cancer)}$ (days)	5110

Table 8

Carcinogenic Risks and Non-Carcinogenic Hazards
Adult Exposure Scenario (14 Year)

Receptor ID (a)	Maximum Concentration (ug/m3) (b)	Maximum Concentration (mg/m3) (c)	Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards CPF (mg/kg/day) (f)	Carcinogenic Hazards RISK (per million) (g)	Noncarcinogenic Hazards REL (ug/m3) (h)	Noncarcinogenic Hazards RfD (mg/kg/day) (i)	Noncarcinogenic Hazards Index (j)
1	0.0036	3.6E-06	1.00E+00	DPM	1.1E+00	0.14	5.0E+00	1.4E-03	0.0007
2	0.00401	4.0E-06	1.00E+00	DPM	1.1E+00	0.16	5.0E+00	1.4E-03	0.0008
3	0.0039	3.9E-06	1.00E+00	DPM	1.1E+00	0.16	5.0E+00	1.4E-03	0.0008
4	0.00268	2.7E-06	1.00E+00	DPM	1.1E+00	0.11	5.0E+00	1.4E-03	0.0005

Note: Exposure factors used to calculate TAC intake

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

Table 9

Cumulative Carcinogenic Risk
30.25-Year Exposure Scenario

Receptor ID	Cumulative RISK (per million)
1	3.50
2	3.90
3	3.79
4	2.61

Exhibit 3

Model Source and Receptor Placement

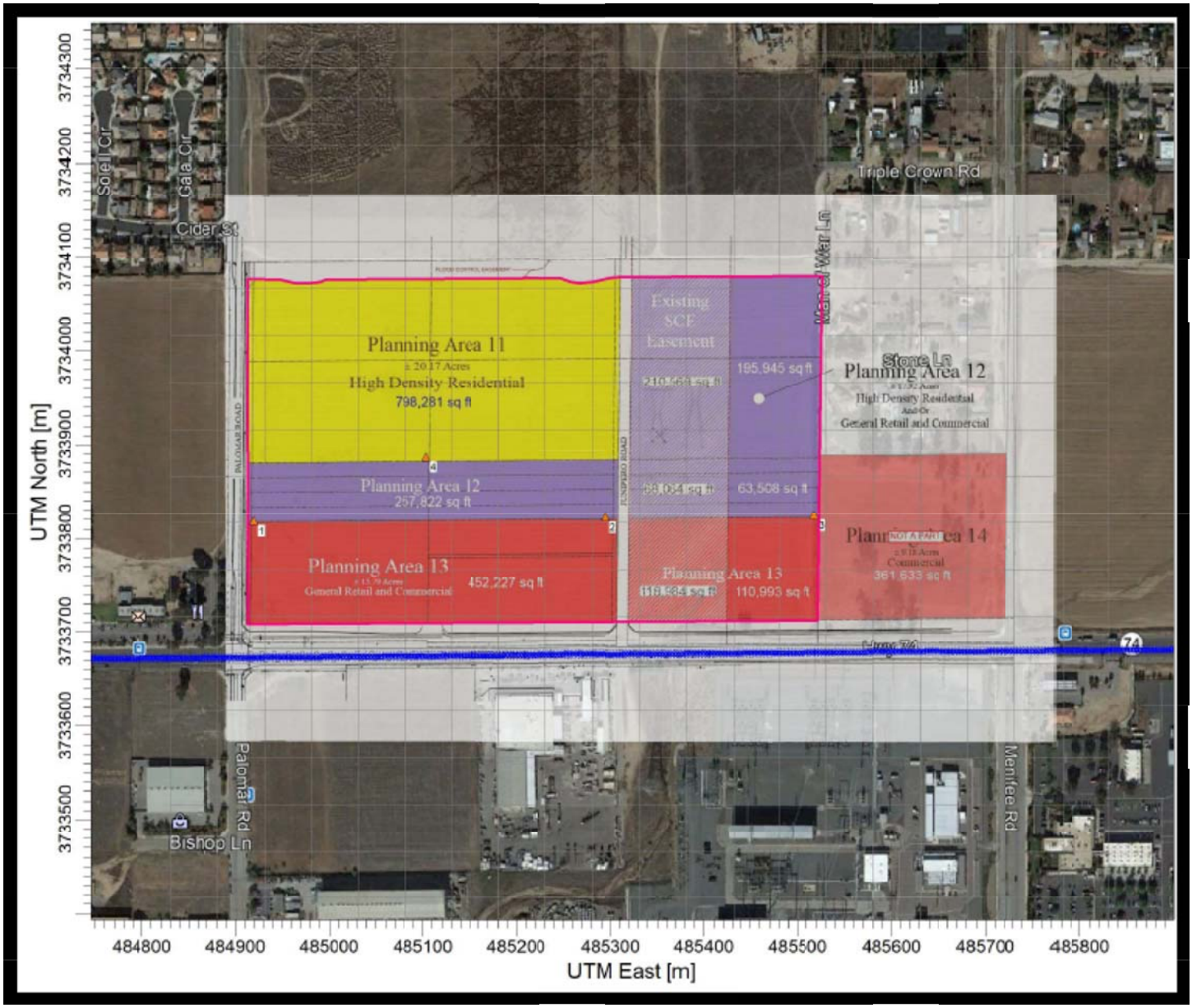

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Exhibit 4

Wind Rose - Perris

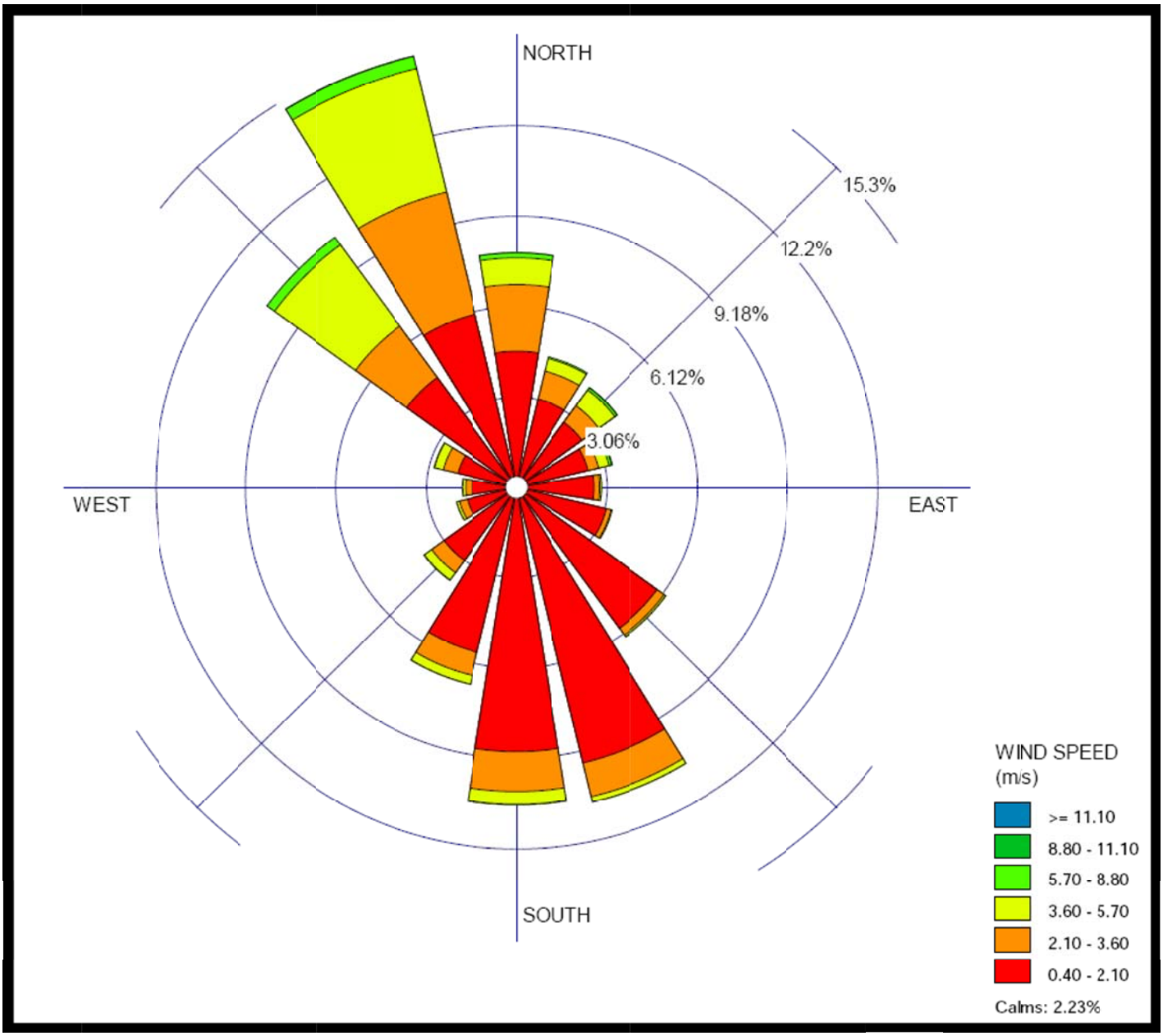

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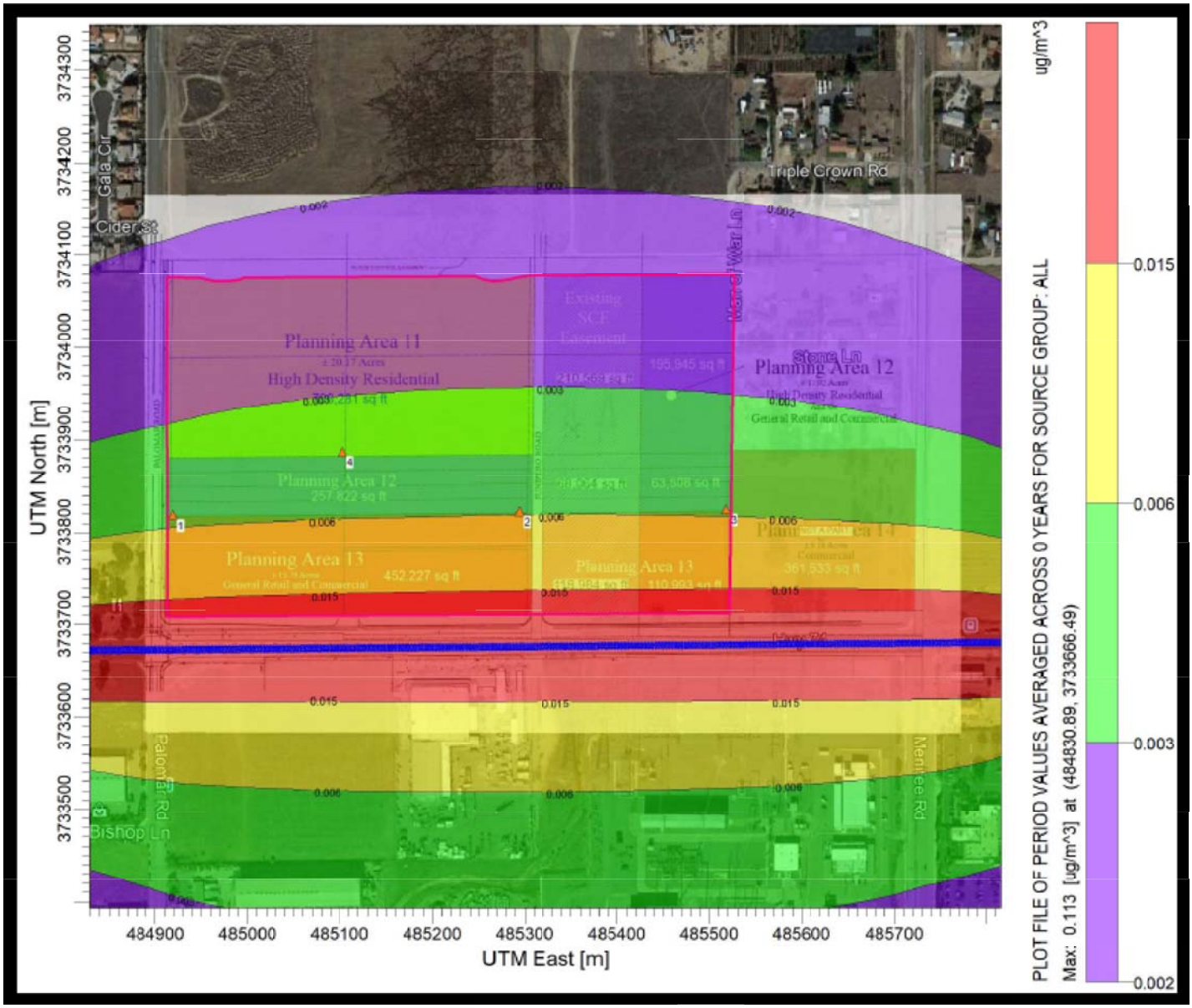
Exhibit 5

Annual DPM Emissions and Health Risk Contours - Infants



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6.0 Analysis of Point Source Emissions from Industrial Facilities

The City of Menifee General Plan EIR contains the following mitigation measure on page 1-27:

3-2. The City shall require Project Applicants for residential or residential mixed-use projects within: 1) 1,000 feet from the truck bays of an existing distribution centers that accommodate more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units, or where transport refrigeration unit operations exceed 300 hours per week; 2) 1,000 feet of an industrial facility which emits toxic air contaminants; or 3) 500 feet of Interstate 215 (I-215) shall submit a health risk assessment (HRA) prepared in accordance with policies and procedures of the state Office of Environmental Health Hazard Assessment (OEHHA) and the South Coast Air Quality Management District (SCAQMD).

Part 1 of mitigation measure 3-2 is not applicable, as there are no warehouse distribution centers within 1,000 feet of the project site. To address part 3 of GP EIR mitigation measure 3-2 (even though the project is located over 1.5 miles east of I-215), the City of Menifee requested an analysis of the potential impacts to future residential uses on-site from the nearby SR-74. This was accomplished in Section V of this report and the findings show that the health of future residents of the site will not be significantly impacted by roadway-related DPM sourced from SR-74. As there are four industrial facilities that are within 1,000 feet of the project site, part 2 of mitigation measure 3-2 is addressed below. The four facilities are described in Table 10 below.

Facility 1 is within the Valley Substation run by Southern California Edison to the south of the project and consists of an on-site internal combustion engine (50-500 HP) run on natural gas. Per SCAQMD Facility Equipment list report, the ICE is to be inspected every year. No emissions data was provided by SCAQMD and no permit listed. Therefore, the toxic air contaminant (TAC)-related emissions from this source are anticipated to be negligible and would not affect the future sensitive receptors proposed within the mixed-use project site.

Facility 2 is an Arco gas station located at 26050 Menifee Rd, Romoland. The ARB Air Quality and Land Use Handbook (ARB Handbook) provides an advisory recommendation that a 50 foot separation be provided between sensitive receptors and typical gasoline dispensing facilities. The gas station is permitted by SCAQMD and fuel-related emissions are regulated by the SCAQMD Rule 461 and the gas station has a Permit To Operate. Gasoline dispensing facilities are required to use Phase I/II EVR (enhanced vapor recovery) systems. Phase II EVR have an average efficiency of 95.1 percent and Phase I EVR have an average efficiency of 98 percent. Therefore, the potential for fugitive VOC or TAC emissions from the gasoline pumps is negligible. Planning Area 12 is the closest that proposed sensitive receptors within the project site would be to the existing gas station. At a distance of 950 feet from the gas station canopy to Planning Area 12, the health impacts

from gasoline and vehicular-related emissions of benzene, NOx and VOC are also anticipated to be negligible.

Facility 3 the Miller Jones Mortuary & Crematory, located at 26245 Palomar Rd, Romoland. The facility has a permit to operate through SCAQMD and the permit shows that burners on site generate less than a pound of any criteria pollutant per hour of operation and a maximum of 2.04 lbs per day of VOC are emitted. Therefore, as the facility is located over 1,400 feet from Planning Area 12 (the closest Planning Area within the proposed project allowing for the construction of residential uses), impacts from the crematory to proposed on-site residential uses will be less than significant.

Facility 4 is a SCAQMD-permitted concrete burial vault manufacturing facility run by Sannipoli Corporation located at 26250 Palomar Rd, Romoland. This facility is across the road from the Miller Jones Mortuary & Crematory, and is over 1,240 feet from Planning Area 12 (the closest Planning Area within the proposed project allowing for the construction of residential uses). Sannipoli has on-site diesel fueling capabilities for their trucks. The permit shows that the maximum daily VOC emissions from the fueling operation is 0.0584 lbs per day. The spray equipment will emit approximately 0.06 lbs/day VOC. The silo used to store cement will emit 3.64 lbs/year PM-10. All of this facility's emissions are below the threshold where BACT is required. Therefore, the emission generated by this facility will not cause any impacts to on-site residential uses within the proposed project's boundary.

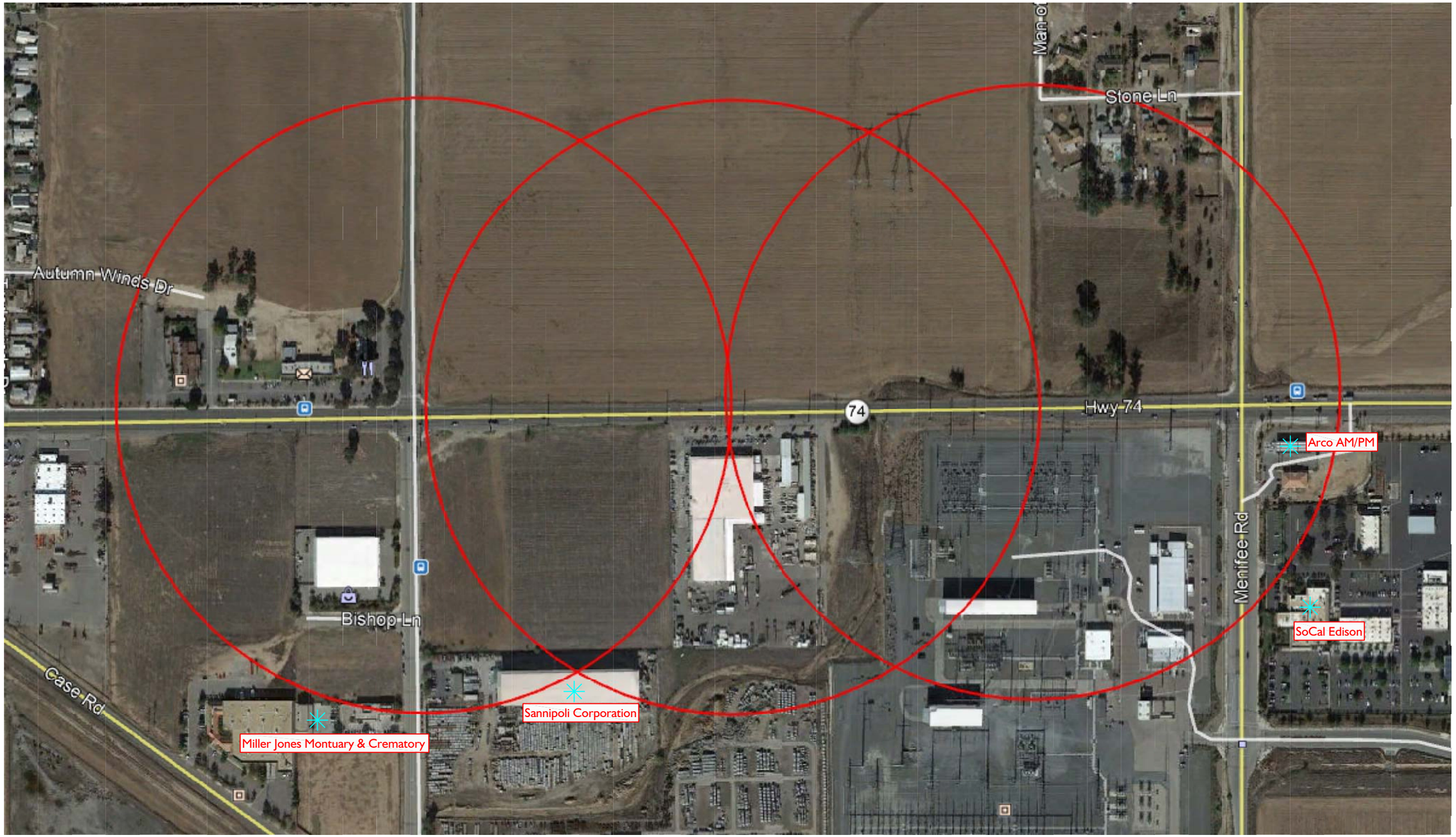
It is concluded that none of the nearby industrial facilities will emit significant levels of TACs that would impact residential uses proposed within Menifee North SP and the project meets the requirements of the City of Menifee General Plan EIR mitigation measure 3-2. Impacts are less than significant.

Table 10

Industrial/Point Source Emittters within 1,000 Feet

No.	Facility ID	Facility Name	Facility Address	Facility Status	Permit to Operate	Distance to the Project Site (ft)	Pollutants	Equipment List
1	91182	So. Cal. Edison	1 Mile South of HWY 74, Romoland CA 92585	Active	None	990	-	ICE (50-500 HP) N-EM STAT NAT GAS ONLY
2	141588	Arco AM/PM – Crestview	26050 Menifee Rd, Romoland, CA 92585	Active	Yes	814	Benzene, ROG, NOx	16-gas pump nozzles, underground storage tank
3	113898	Miller Jones Mortuary & Crematory	26245 Palomar Rd, Romoland, CA 92585	Active	Yes	994	CO, NOx, PM, ROG, SOx	Crematory Incinerator, Natural gas fired burner
4	94656	Sannipoli Corporation	26250 Palomar Rd, Romoland, CA 92585	Active	Yes	814	ROG, PM	Diesel Storage Tank, Dispensing Nozzle, Spray Equipment, Airless Spray Gun, Cement Silo, Concrete Batching System

Source: SCAQMD



Legend:

✳ = Facility

— = One-mile Radius

N

RK engineering group, inc.

7.0 Mitigation Measures

No mitigation required.

8.0 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

City of Menifee
2013 City of Menifee General Plan EIR. September.

Governor's Office of Planning and Research
2008 CEQA and Climate: Addressing Climate Change Through California Environmental Quality Act (CEQA) Review

2009 CEQA Guideline Sections to be Added or Amended

Office of Environmental Health Hazard Assessment
2015 Air Toxics Hot Spots Program Risk Assessment Guidelines

South Coast Air Quality Management District
1993 CEQA Air Quality Handbook

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

2014 Draft Report Multiple Air Toxics Exposure Study in the South Coast Air Basin, MATES IV

2019 SCAQMD Permitting and Emissions data for facilities: 91182, 141588, 113898 and 94565.

U.S. Geological Survey
2011 Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California

Appendices

Appendix A – Glossary of Terms

Appendix B – AERMOD Model Printouts and HRA Data Sheets

APPENDIX A

Glossary of Terms

AQMP	Air Quality Management Plan
BACT	Best Available Control Technologies
CAAQS	California Ambient Air Quality Standards
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CEQA	California Environmental Quality Act
CFCs	Chlorofluorocarbons
CH_4	Methane
CNG	Compressed natural gas
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
DPM	Diesel particulate matter
EPA	U.S. Environmental Protection Agency
GHG	Greenhouse gas
GWP	Global warming potential
HIDPM	Hazard Index Diesel Particulate Matter
HFCs	Hydrofluorocarbons
IPCC	International Panel on Climate Change
LCFS	Low Carbon Fuel Standard
LST	Localized Significant Thresholds
$MTCO_2e$	Metric tons of carbon dioxide equivalent
$MMTCO_2e$	Million metric tons of carbon dioxide equivalent
MPO	Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NOx	Nitrogen Oxides
NO_2	Nitrogen dioxide
N_2O	Nitrous oxide
O_3	Ozone
OPR	Governor's Office of Planning and Research
PFCs	Perfluorocarbons
PM	Particle matter
PM10	Particles that are less than 10 micrometers in diameter
PM2.5	Particles that are less than 2.5 micrometers in diameter
PMI	Point of maximum impact
PPM	Parts per million
PPB	Parts per billion
ROG	Reactive Organic Gases (aka VOC)
RTIP	Regional Transportation Improvement Plan
RTP	Regional Transportation Plan
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments

SCAQMD	South Coast Air Quality Management District
SF	Square Feet
SF_6	Sulfur hexafluoride
SIP	State Implementation Plan
SOx	Sulfur Oxides
T6	Heavy Duty Trucks from EMFAC 2007 classifications
T7	Heavy-Heavy Duty Trucks from EMFAC 2007 classifications
TAC	Toxic air contaminants
VOC	Volatile organic compounds

APPENDIX B

AERMOD Model Printouts and HRA Data Sheets

Menifee North Specific Plan

Estimation of DPM Emissions Along SR-74

General Plan Propsed ADT (Post-2035) and Caltrans 2017
Source for ADT: Table 7-4 (page 114/149) City of Menifee General Plan Circulation Element Traffic Study. Urban Crossroads. July, 2013 (Revised).
Source for truck split percentages: Caltrans 2017 Truck AADT SR-74 @ Jct. Rte 215

Segment	ADT	Total Trucks	LDA/LDT/MDT	% LDA/LDT/MDT	% Trucks	2 axle	2 axle % Trucks	3 axle	3 axle % Trucks	4+ axle	4+ Axle % Trucks
SR-74, West of Menifee Road	62300	7476	54824	88.0%	12.0%	5084	68.0%	673	9.0%	1719	23.0%

Diesel Vehicle Distribution

Vehicle Mix
2 axle trucks = LHDT1 and LHDT2
3 axle trucks = MHDT
4+ axle trucks = HHDT

Adjusted Fleet Mix

	SCAB CalEEMod Fleet Mix	Adjusted Fleet Mix	Daily Trips
LDA	55.23	59.6%	32671
LDT1	4.429	4.8%	2620
LDT2	21.11	22.8%	12488
MDV	11.91	12.9%	7045
Total	92.679	100.0%	54824
LHD1	1.75	75.1%	3820
LHD2	0.579	24.9%	1264
Total	2.329	100.0%	5084
MHDT			673
HHDT			1719
Total - All Vehicles			62300

Diesel Vehicle Distribution (from URBEMIS*: 2023 in SCAQMD)

	% Diesel	Daily Diesel Vehicles
LDA	0.0%	0
LDT1	1.4%	37
LDT2	0.0%	0
MDV	0.0%	0
LHDT1	17.6%	672
LHDT2	40.0%	506
MHDT	80.0%	538
HHDT	100.0%	1719

*As Caltrans traffic counts only provide the vehicle mix and does not provide details on the percentage of those vehicle types that would be diesel, information on percentage of diesel vehicles within the analyzed fleet was obtained from URBEMIS (CalEEMod does not have this type of information available).

Vehicle Speed/1-year Average DPM Emission Factor (2023) from EMFAC2017 for South Coast AB

	Speed (mph)	Emission Factor (g/mi)
LDA	50	0.004983254
LDT1	50	0.119487051
LDT2	50	0.004894692
MDV	45	0.004054561
LHDT1	45	0.016944329
LHDT2	45	0.016654742
MHDT	40	0.004833
HHDT	40	0.011019

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mi) x Mile/Trip x Trip/Day

Length of Roadway Segment 1196.1 meters or
0.743 miles

Assumption: over an annual period, traffic is assumed to be uniformly distributed during the day

	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LDA	0.0	0.00E+00
LDT1	3.3	3.77E-05
LDT2	0.0	0.00E+00
MDV	0.0	0.00E+00
LHDT1	8.5	9.80E-05
LHDT2	6.3	7.24E-05
MHDT	1.9	2.24E-05
HHDT	14.1	1.63E-04
Total	34.0	3.93E-04

Menifee North Specific Plan

Estimation of DPM Emissions Along SR-74

General Plan Propsed ADT (Post-2035) and Caltrans 2017
Source for ADT: Table 7-4 (page 114/149) City of Menifee General Plan Circulation Element Traffic Study. Urban Crossroads. July, 2013 (Revised).
Source for truck split percentages: Caltrans 2017 Truck AADT SR-74 @ Jct. Rte 215

Segment	ADT	Total Trucks	LDA/LDT/MDT	% LDA/LDT/MDT	% Trucks	2 axle	2 axle % Trucks	3 axle	3 axle % Trucks	4+ axle	4+ Axle % Trucks
SR-74, West of Menifee Road	62300	7476	54824	88.0%	12.0%	5084	68.0%	673	9.0%	1719	23.0%

Diesel Vehicle Distribution

Vehicle Mix
2 axle trucks = LHDT1 and LHDT2
3 axle trucks = MHDT
4+ axle trucks = HHDT

Adjusted Fleet Mix

	SCAB CalEEMod Fleet Mix	Adjusted Fleet Mix	Daily Trips
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Total	92.679	100.0%	54824
LHD1	1.75	75.1%	3820
LHD2	0.579	24.9%	1264
Total	2.329	100.0%	5084
MHDT			673
HHDT			1719
Total - All Vehicles			62300

Diesel Vehicle Distribution (from URBEMIS*: 2023 in SCAQMD)

	% Diesel	Daily Diesel Vehicles
LDA	0.0%	0
LDT1	1.4%	37
LDT2	0.0%	0
MDV	0.0%	0
LHDT1	17.6%	672
LHDT2	40.0%	506
MHDT	80.0%	538
HHDT	100.0%	1719

*As Caltrans traffic counts only provide the vehicle mix and does not provide details on the percentage of those vehicle types that would be diesel, information on percentage of diesel vehicles within the analyzed fleet was obtained from URBEMIS (CalEEMod does not have this type of information available).

Vehicle Speed/2-year Average DPM Emission Factor (2024 to 2025) from EMFAC2017 for South Coast AB

	Speed (mph)	Emission Factor (g/mi)
LDA	50	0.003939282
LDT1	50	0.103538394
LDT2	50	0.003810107
MDV	45	0.003557191
LHDT1	45	0.015552562
LHDT2	45	0.01604317
MHDT	40	0.004893
HHDT	40	0.011192

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mi) x Mile/Trip x Trip/Day

Length of Roadway Segment 1196.1 meters or
0.743 miles

Assumption: over an annual period, traffic is assumed to be uniformly distributed during the day

	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LDA	0.0	0.00E+00
LDT1	2.8	3.27E-05
LDT2	0.0	0.00E+00
MDV	0.0	0.00E+00
LHDT1	7.8	8.99E-05
LHDT2	6.0	6.98E-05
MHDT	2.0	2.27E-05
HHDT	14.3	1.65E-04
Total	32.9	3.80E-04

Menifee North Specific Plan

Estimation of DPM Emissions Along SR-74

General Plan Propsed ADT (Post-2035) and Caltrans 2017
Source for ADT: Table 7-4 (page 114/149) City of Menifee General Plan Circulation Element Traffic Study. Urban Crossroads. July, 2013 (Revised).
Source for truck split percentages: Caltrans 2017 Truck AADT SR-74 @ Jct. Rte 215

Segment	ADT	Total Trucks	LDA/LDT/MDT	% LDA/LDT/MDT	% Trucks	2 axle	2 axle % Trucks	3 axle	3 axle % Trucks	4+ axle	4+ Axle % Trucks
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Diesel Vehicle Distribution

Vehicle Mix
2 axle trucks = LHDT1 and LHDT2
3 axle trucks = MHDT
4+ axle trucks = HHDT

Adjusted Fleet Mix

	SCAB CalEEMod Fleet Mix	Adjusted Fleet Mix	Daily Trips
LDA	55.23	59.6%	32671
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	% Diesel	Daily Diesel Vehicles
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LDT1	1.4%	37
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MHDT	80.0%	538
HHDT	100.0%	1719

*As Caltrans traffic counts only provide the vehicle mix and does not provide details on the percentage of those vehicle types that would be diesel, information on percentage of diesel vehicles within the analyzed fleet was obtained from URBEMIS (CalEEMod does not have this type of information available).

Vehicle Speed/14-year Average DPM Emission Factor (2026 to 2039) from EMFAC2017 for South Coast AB

	Speed (mph)	Emission Factor (g/mi)
LDA	50	0.001489109
LDT1	50	0.016943463
LDT2	50	0.00351988
MDV	45	0.001804719
LHDT1	45	0.009785669
LHDT2	45	0.013726563
MHDT	40	0.004863
HHDT	40	0.010697

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mi) x Mile/Trip x Trip/Day

Length of Roadway Segment 1196.1 meters or
0.743 miles

Assumption: over an annual period, traffic is assumed to be uniformly distributed during the day

	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LDA	0.0	0.00E+00
LDT1	0.5	5.34E-06
LDT2	0.0	0.00E+00
MDV	0.0	0.00E+00
LHDT1	4.9	5.66E-05
LHDT2	5.2	5.97E-05
MHDT	1.9	2.25E-05
HHDT	13.7	1.58E-04
Total	26.1	3.02E-04

Menifee North Specific Plan

Estimation of DPM Emissions Along SR-74

General Plan Propsed ADT (Post-2035) and Caltrans 2017
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Source for truck split percentages: Caltrans 2017 Truck AADT SR-74 @ Jct. Rte 215

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SR-74, West of Menifee Road	62300	7476	54824	88.0%	12.0%	5084	68.0%	673	9.0%	1719	23.0%

Diesel Vehicle Distribution

Vehicle Mix
2 axle trucks = LHDT1 and LHDT2
3 axle trucks = MHDT
4+ axle trucks = HHDT

Adjusted Fleet Mix

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HHDT			1719
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	% Diesel	Daily Diesel Vehicles
LDA	0.0%	0
LDT1	1.4%	37
LDT2	0.0%	0
MDV	0.0%	0
LHDT1	17.6%	672
LHDT2	40.0%	506
MHDT	80.0%	538
HHDT	100.0%	1719

*As Caltrans traffic counts only provide the vehicle mix and does not provide details on the percentage of those vehicle types that would be diesel, information on percentage of diesel vehicles within the analyzed fleet was obtained from URBEMIS (CalEEMod does not have this type of information available).

Vehicle Speed/14-year Average DPM Emission Factor (2040 to 2053) from EMFAC2017 for South Coast AB

	Speed (mph)	Emission Factor (g/mi)
LDA	50	0.000638938
LDT1	50	0.003741004
LDT2	50	0.003594645
MDV	45	0.000802378
LHDT1	45	0.004951398
LHDT2	45	0.012183267
MHDT	40	0.004690
HHDT	40	0.010348

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mi) x Mile/Trip x Trip/Day

Length of Roadway Segment 1196.1 meters or
0.743 miles

Assumption: over an annual period, traffic is assumed to be uniformly distributed during the day

	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LDA	0.0	0.00E+00
LDT1	0.1	1.18E-06
LDT2	0.0	0.00E+00
MDV	0.0	0.00E+00
LHDT1	2.5	2.86E-05
LHDT2	4.6	5.30E-05
MHDT	1.9	2.17E-05
HHDT	13.2	1.53E-04
Total	22.2	2.57E-04

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** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 6/19/2019
** File: C:\Lakes\AERMOD View\Menifee North Specific Plan OY\Menifee North Specific Plan OY.ADI
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**
****************************************
** AERMOD Control Pathway
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   TITLETWO Opening Year 2023
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Menifee North Specific Plan OY.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 Traffic along SR-74
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 0.000393
** Elevated
** Vertical Dimension = 3.66
** SZINIT = 0.85
** Nodes = 2
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** 485905.837, 3733681.380, 452.45, 0.00, 1.70
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   LOCATION L0000002     VOLUME   484715.243 3733671.198 444.87
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   LOCATION L0000004     VOLUME   484722.558 3733671.261 444.89
   LOCATION L0000005     VOLUME   484726.215 3733671.292 444.91
   LOCATION L0000006     VOLUME   484729.873 3733671.324 444.92
   LOCATION L0000007     VOLUME   484733.530 3733671.355 444.95
   LOCATION L0000008     VOLUME   484737.187 3733671.386 444.98
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   LOCATION L0000013     VOLUME   484755.475 3733671.543 445.14
   LOCATION L0000014     VOLUME   484759.132 3733671.574 445.15
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   LOCATION L0000016     VOLUME   484766.447 3733671.636 445.17
   LOCATION L0000017     VOLUME   484770.105 3733671.668 445.19
   LOCATION L0000018     VOLUME   484773.762 3733671.699 445.20
   LOCATION L0000019     VOLUME   484777.420 3733671.730 445.21
   LOCATION L0000020     VOLUME   484781.077 3733671.761 445.22
   LOCATION L0000021     VOLUME   484784.735 3733671.793 445.25
   LOCATION L0000022     VOLUME   484788.392 3733671.824 445.29
   LOCATION L0000023     VOLUME   484792.049 3733671.855 445.32
   LOCATION L0000024     VOLUME   484795.707 3733671.887 445.35
   LOCATION L0000025     VOLUME   484799.364 3733671.918 445.39
   LOCATION L0000026     VOLUME   484803.022 3733671.949 445.42
   LOCATION L0000027     VOLUME   484806.679 3733671.980 445.45
   LOCATION L0000028     VOLUME   484810.337 3733672.012 445.47
   LOCATION L0000029     VOLUME   484813.994 3733672.043 445.49
   LOCATION L0000030     VOLUME   484817.652 3733672.074 445.51
   LOCATION L0000031     VOLUME   484821.309 3733672.106 445.53
   LOCATION L0000032     VOLUME   484824.967 3733672.137 445.55
   LOCATION L0000033     VOLUME   484828.624 3733672.168 445.57
   LOCATION L0000034     VOLUME   484832.282 3733672.199 445.59
   LOCATION L0000035     VOLUME   484835.939 3733672.231 445.62
   LOCATION L0000036     VOLUME   484839.597 3733672.262 445.66
   LOCATION L0000037     VOLUME   484843.254 3733672.293 445.69
   LOCATION L0000038     VOLUME   484846.911 3733672.324 445.72
   LOCATION L0000039     VOLUME   484850.569 3733672.356 445.75
   LOCATION L0000040     VOLUME   484854.226 3733672.387 445.78
   LOCATION L0000041     VOLUME   484857.884 3733672.418 445.82
   LOCATION L0000042     VOLUME   484861.541 3733672.450 445.85
   LOCATION L0000043     VOLUME   484865.199 3733672.481 445.88
   LOCATION L0000044     VOLUME   484868.856 3733672.512 445.91
   LOCATION L0000045     VOLUME   484872.514 3733672.543 445.94
   LOCATION L0000046     VOLUME   484876.171 3733672.575 445.98
   LOCATION L0000047     VOLUME   484879.829 3733672.606 446.01
   LOCATION L0000048     VOLUME   484883.486 3733672.637 446.04
   LOCATION L0000049     VOLUME   484887.144 3733672.669 446.06
   LOCATION L0000050     VOLUME   484890.801 3733672.700 446.07
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LOCATION	L0000052	VOLUME	484898.116	3733672.762	446.10
LOCATION	L0000053	VOLUME	484901.773	3733672.794	446.12
LOCATION	L0000054	VOLUME	484905.431	3733672.825	446.14
LOCATION	L0000055	VOLUME	484909.088	3733672.856	446.15
LOCATION	L0000056	VOLUME	484912.746	3733672.887	446.18
LOCATION	L0000057	VOLUME	484916.403	3733672.919	446.22
LOCATION	L0000058	VOLUME	484920.061	3733672.950	446.26
LOCATION	L0000059	VOLUME	484923.718	3733672.981	446.29
LOCATION	L0000060	VOLUME	484927.376	3733673.013	446.33
LOCATION	L0000061	VOLUME	484931.033	3733673.044	446.37
LOCATION	L0000062	VOLUME	484934.691	3733673.075	446.40
LOCATION	L0000063	VOLUME	484938.348	3733673.106	446.42
LOCATION	L0000064	VOLUME	484942.006	3733673.138	446.43
LOCATION	L0000065	VOLUME	484945.663	3733673.169	446.44
LOCATION	L0000066	VOLUME	484949.321	3733673.200	446.45
LOCATION	L0000067	VOLUME	484952.978	3733673.231	446.46
LOCATION	L0000068	VOLUME	484956.635	3733673.263	446.47
LOCATION	L0000069	VOLUME	484960.293	3733673.294	446.48
LOCATION	L0000070	VOLUME	484963.950	3733673.325	446.51
LOCATION	L0000071	VOLUME	484967.608	3733673.357	446.55
LOCATION	L0000072	VOLUME	484971.265	3733673.388	446.58
LOCATION	L0000073	VOLUME	484974.923	3733673.419	446.62
LOCATION	L0000074	VOLUME	484978.580	3733673.450	446.66
LOCATION	L0000075	VOLUME	484982.238	3733673.482	446.69
LOCATION	L0000076	VOLUME	484985.895	3733673.513	446.73
LOCATION	L0000077	VOLUME	484989.553	3733673.544	446.75
LOCATION	L0000078	VOLUME	484993.210	3733673.576	446.76
LOCATION	L0000079	VOLUME	484996.868	3733673.607	446.77
LOCATION	L0000080	VOLUME	485000.525	3733673.638	446.78
LOCATION	L0000081	VOLUME	485004.183	3733673.669	446.79
LOCATION	L0000082	VOLUME	485007.840	3733673.701	446.80
LOCATION	L0000083	VOLUME	485011.497	3733673.732	446.81
LOCATION	L0000084	VOLUME	485015.155	3733673.763	446.83
LOCATION	L0000085	VOLUME	485018.812	3733673.794	446.87
LOCATION	L0000086	VOLUME	485022.470	3733673.826	446.90
LOCATION	L0000087	VOLUME	485026.127	3733673.857	446.94
LOCATION	L0000088	VOLUME	485029.785	3733673.888	446.97
LOCATION	L0000089	VOLUME	485033.442	3733673.920	447.01
LOCATION	L0000090	VOLUME	485037.100	3733673.951	447.05
LOCATION	L0000091	VOLUME	485040.757	3733673.982	447.06
LOCATION	L0000092	VOLUME	485044.415	3733674.013	447.07
LOCATION	L0000093	VOLUME	485048.072	3733674.045	447.08
LOCATION	L0000094	VOLUME	485051.730	3733674.076	447.09
LOCATION	L0000095	VOLUME	485055.387	3733674.107	447.10
LOCATION	L0000096	VOLUME	485059.045	3733674.139	447.11
LOCATION	L0000097	VOLUME	485062.702	3733674.170	447.12
LOCATION	L0000098	VOLUME	485066.359	3733674.201	447.15
LOCATION	L0000099	VOLUME	485070.017	3733674.232	447.19
LOCATION	L0000100	VOLUME	485073.674	3733674.264	447.23
LOCATION	L0000101	VOLUME	485077.332	3733674.295	447.27

LOCATION	L0000102	VOLUME	485080.989	3733674.326	447.31
LOCATION	L0000103	VOLUME	485084.647	3733674.357	447.35
LOCATION	L0000104	VOLUME	485088.304	3733674.389	447.39
LOCATION	L0000105	VOLUME	485091.962	3733674.420	447.40
LOCATION	L0000106	VOLUME	485095.619	3733674.451	447.40
LOCATION	L0000107	VOLUME	485099.277	3733674.483	447.39
LOCATION	L0000108	VOLUME	485102.934	3733674.514	447.39
LOCATION	L0000109	VOLUME	485106.592	3733674.545	447.38
LOCATION	L0000110	VOLUME	485110.249	3733674.576	447.38
LOCATION	L0000111	VOLUME	485113.907	3733674.608	447.37
LOCATION	L0000112	VOLUME	485117.564	3733674.639	447.40
LOCATION	L0000113	VOLUME	485121.221	3733674.670	447.44
LOCATION	L0000114	VOLUME	485124.879	3733674.702	447.49
LOCATION	L0000115	VOLUME	485128.536	3733674.733	447.54
LOCATION	L0000116	VOLUME	485132.194	3733674.764	447.59
LOCATION	L0000117	VOLUME	485135.851	3733674.795	447.64
LOCATION	L0000118	VOLUME	485139.509	3733674.827	447.69
LOCATION	L0000119	VOLUME	485143.166	3733674.858	447.72
LOCATION	L0000120	VOLUME	485146.824	3733674.889	447.74
LOCATION	L0000121	VOLUME	485150.481	3733674.920	447.75
LOCATION	L0000122	VOLUME	485154.139	3733674.952	447.76
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LOCATION	L0000124	VOLUME	485161.454	3733675.014	447.78
LOCATION	L0000125	VOLUME	485165.111	3733675.046	447.79
LOCATION	L0000126	VOLUME	485168.769	3733675.077	447.81
LOCATION	L0000127	VOLUME	485172.426	3733675.108	447.81
LOCATION	L0000128	VOLUME	485176.083	3733675.139	447.82
LOCATION	L0000129	VOLUME	485179.741	3733675.171	447.83
LOCATION	L0000130	VOLUME	485183.398	3733675.202	447.84
LOCATION	L0000131	VOLUME	485187.056	3733675.233	447.85
LOCATION	L0000132	VOLUME	485190.713	3733675.265	447.86
LOCATION	L0000133	VOLUME	485194.371	3733675.296	447.88
LOCATION	L0000134	VOLUME	485198.028	3733675.327	447.89
LOCATION	L0000135	VOLUME	485201.686	3733675.358	447.91
LOCATION	L0000136	VOLUME	485205.343	3733675.390	447.93
LOCATION	L0000137	VOLUME	485209.001	3733675.421	447.95
LOCATION	L0000138	VOLUME	485212.658	3733675.452	447.97
LOCATION	L0000139	VOLUME	485216.316	3733675.483	447.99
LOCATION	L0000140	VOLUME	485219.973	3733675.515	448.01
LOCATION	L0000141	VOLUME	485223.631	3733675.546	448.01
LOCATION	L0000142	VOLUME	485227.288	3733675.577	448.01
LOCATION	L0000143	VOLUME	485230.945	3733675.609	448.01
LOCATION	L0000144	VOLUME	485234.603	3733675.640	448.01
LOCATION	L0000145	VOLUME	485238.260	3733675.671	448.02
LOCATION	L0000146	VOLUME	485241.918	3733675.702	448.02
LOCATION	L0000147	VOLUME	485245.575	3733675.734	448.03
LOCATION	L0000148	VOLUME	485249.233	3733675.765	448.04
LOCATION	L0000149	VOLUME	485252.890	3733675.796	448.06
LOCATION	L0000150	VOLUME	485256.548	3733675.827	448.08
LOCATION	L0000151	VOLUME	485260.205	3733675.859	448.10
LOCATION	L0000152	VOLUME	485263.863	3733675.890	448.12

LOCATION	L0000153	VOLUME	485267.520	3733675.921	448.14
LOCATION	L0000154	VOLUME	485271.178	3733675.953	448.16
LOCATION	L0000155	VOLUME	485274.835	3733675.984	448.17
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LOCATION	L0000157	VOLUME	485282.150	3733676.046	448.21
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LOCATION	L0000203	VOLUME	485450.393	3733677.485	448.94

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LOCATION	L0000219	VOLUME	485508.913	3733677.986	449.36
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LOCATION	L0000223	VOLUME	485523.543	3733678.111	449.53
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LOCATION	L0000225	VOLUME	485530.858	3733678.173	449.59
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LOCATION	L0000229	VOLUME	485545.488	3733678.298	449.63
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   LOCATION L0000309     VOLUME   485838.085 3733680.801 451.94
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** Source Parameters **
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** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
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****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Menifee North Specific Plan OY.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC"
   PROFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL"
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "Menifee North Specific Plan OY.AD\PE00GALL.PLT" 31
   SUMMFILE "Menifee North Specific Plan OY.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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


*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                    ***        20:17:22
                                                                                                                        PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

```
                and:      0 LINE source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.7 MB of RAM.

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

**Detailed Error/Message File:   Menifee North Specific Plan OY.err
**File for Summary of Results:   Menifee North Specific Plan OY.sum

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                      PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
- - - -
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L0000009	0	0.12020E-05	484740.8	3733671.4	445.0	0.00	1.70	0.85	YES
L0000010	0	0.12020E-05	484744.5	3733671.4	445.1	0.00	1.70	0.85	YES
L0000011	0	0.12020E-05	484748.2	3733671.5	445.1	0.00	1.70	0.85	YES
L0000012	0	0.12020E-05	484751.8	3733671.5	445.1	0.00	1.70	0.85	YES
L0000013	0	0.12020E-05	484755.5	3733671.5	445.1	0.00	1.70	0.85	YES
L0000014	0	0.12020E-05	484759.1	3733671.6	445.2	0.00	1.70	0.85	YES
L0000015	0	0.12020E-05	484762.8	3733671.6	445.2	0.00	1.70	0.85	YES
L0000016	0	0.12020E-05	484766.4	3733671.6	445.2	0.00	1.70	0.85	YES
L0000017	0	0.12020E-05	484770.1	3733671.7	445.2	0.00	1.70	0.85	YES
L0000018	0	0.12020E-05	484773.8	3733671.7	445.2	0.00	1.70	0.85	YES
L0000019	0	0.12020E-05	484777.4	3733671.7	445.2	0.00	1.70	0.85	YES
L0000020	0	0.12020E-05	484781.1	3733671.8	445.2	0.00	1.70	0.85	YES
L0000021	0	0.12020E-05	484784.7	3733671.8	445.2	0.00	1.70	0.85	YES
L0000022	0	0.12020E-05	484788.4	3733671.8	445.3	0.00	1.70	0.85	YES
L0000023	0	0.12020E-05	484792.0	3733671.9	445.3	0.00	1.70	0.85	YES
L0000024	0	0.12020E-05	484795.7	3733671.9	445.4	0.00	1.70	0.85	YES
L0000025	0	0.12020E-05	484799.4	3733671.9	445.4	0.00	1.70	0.85	YES
L0000026	0	0.12020E-05	484803.0	3733671.9	445.4	0.00	1.70	0.85	YES
L0000027	0	0.12020E-05	484806.7	3733672.0	445.4	0.00	1.70	0.85	YES
L0000028	0	0.12020E-05	484810.3	3733672.0	445.5	0.00	1.70	0.85	YES
L0000029	0	0.12020E-05	484814.0	3733672.0	445.5	0.00	1.70	0.85	YES
L0000030	0	0.12020E-05	484817.7	3733672.1	445.5	0.00	1.70	0.85	YES
L0000031	0	0.12020E-05	484821.3	3733672.1	445.5	0.00	1.70	0.85	YES
L0000032	0	0.12020E-05	484825.0	3733672.1	445.6	0.00	1.70	0.85	YES
L0000033	0	0.12020E-05	484828.6	3733672.2	445.6	0.00	1.70	0.85	YES
L0000034	0	0.12020E-05	484832.3	3733672.2	445.6	0.00	1.70	0.85	YES
L0000035	0	0.12020E-05	484835.9	3733672.2	445.6	0.00	1.70	0.85	YES
L0000036	0	0.12020E-05	484839.6	3733672.3	445.7	0.00	1.70	0.85	YES
L0000037	0	0.12020E-05	484843.3	3733672.3	445.7	0.00	1.70	0.85	YES
L0000038	0	0.12020E-05	484846.9	3733672.3	445.7	0.00	1.70	0.85	YES
L0000039	0	0.12020E-05	484850.6	3733672.4	445.8	0.00	1.70	0.85	YES
L0000040	0	0.12020E-05	484854.2	3733672.4	445.8	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.12020E-05	484857.9	3733672.4	445.8	0.00	1.70	0.85	YES	
L0000042	0	0.12020E-05	484861.5	3733672.4	445.9	0.00	1.70	0.85	YES	
L0000043	0	0.12020E-05	484865.2	3733672.5	445.9	0.00	1.70	0.85	YES	
L0000044	0	0.12020E-05	484868.9	3733672.5	445.9	0.00	1.70	0.85	YES	
L0000045	0	0.12020E-05	484872.5	3733672.5	445.9	0.00	1.70	0.85	YES	

L0000046	0	0.12020E-05	484876.2	3733672.6	446.0	0.00	1.70	0.85	YES
L0000047	0	0.12020E-05	484879.8	3733672.6	446.0	0.00	1.70	0.85	YES
L0000048	0	0.12020E-05	484883.5	3733672.6	446.0	0.00	1.70	0.85	YES
L0000049	0	0.12020E-05	484887.1	3733672.7	446.1	0.00	1.70	0.85	YES
L0000050	0	0.12020E-05	484890.8	3733672.7	446.1	0.00	1.70	0.85	YES
L0000051	0	0.12020E-05	484894.5	3733672.7	446.1	0.00	1.70	0.85	YES
L0000052	0	0.12020E-05	484898.1	3733672.8	446.1	0.00	1.70	0.85	YES
L0000053	0	0.12020E-05	484901.8	3733672.8	446.1	0.00	1.70	0.85	YES
L0000054	0	0.12020E-05	484905.4	3733672.8	446.1	0.00	1.70	0.85	YES
L0000055	0	0.12020E-05	484909.1	3733672.9	446.2	0.00	1.70	0.85	YES
L0000056	0	0.12020E-05	484912.7	3733672.9	446.2	0.00	1.70	0.85	YES
L0000057	0	0.12020E-05	484916.4	3733672.9	446.2	0.00	1.70	0.85	YES
L0000058	0	0.12020E-05	484920.1	3733672.9	446.3	0.00	1.70	0.85	YES
L0000059	0	0.12020E-05	484923.7	3733673.0	446.3	0.00	1.70	0.85	YES
L0000060	0	0.12020E-05	484927.4	3733673.0	446.3	0.00	1.70	0.85	YES
L0000061	0	0.12020E-05	484931.0	3733673.0	446.4	0.00	1.70	0.85	YES
L0000062	0	0.12020E-05	484934.7	3733673.1	446.4	0.00	1.70	0.85	YES
L0000063	0	0.12020E-05	484938.3	3733673.1	446.4	0.00	1.70	0.85	YES
L0000064	0	0.12020E-05	484942.0	3733673.1	446.4	0.00	1.70	0.85	YES
L0000065	0	0.12020E-05	484945.7	3733673.2	446.4	0.00	1.70	0.85	YES
L0000066	0	0.12020E-05	484949.3	3733673.2	446.4	0.00	1.70	0.85	YES
L0000067	0	0.12020E-05	484953.0	3733673.2	446.5	0.00	1.70	0.85	YES
L0000068	0	0.12020E-05	484956.6	3733673.3	446.5	0.00	1.70	0.85	YES
L0000069	0	0.12020E-05	484960.3	3733673.3	446.5	0.00	1.70	0.85	YES
L0000070	0	0.12020E-05	484964.0	3733673.3	446.5	0.00	1.70	0.85	YES
L0000071	0	0.12020E-05	484967.6	3733673.4	446.6	0.00	1.70	0.85	YES
L0000072	0	0.12020E-05	484971.3	3733673.4	446.6	0.00	1.70	0.85	YES
L0000073	0	0.12020E-05	484974.9	3733673.4	446.6	0.00	1.70	0.85	YES
L0000074	0	0.12020E-05	484978.6	3733673.4	446.7	0.00	1.70	0.85	YES
L0000075	0	0.12020E-05	484982.2	3733673.5	446.7	0.00	1.70	0.85	YES
L0000076	0	0.12020E-05	484985.9	3733673.5	446.7	0.00	1.70	0.85	YES
L0000077	0	0.12020E-05	484989.6	3733673.5	446.8	0.00	1.70	0.85	YES
L0000078	0	0.12020E-05	484993.2	3733673.6	446.8	0.00	1.70	0.85	YES
L0000079	0	0.12020E-05	484996.9	3733673.6	446.8	0.00	1.70	0.85	YES
L0000080	0	0.12020E-05	485000.5	3733673.6	446.8	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.12020E-05	485004.2	3733673.7	446.8	0.00	1.70	0.85	YES	
L0000082	0	0.12020E-05	485007.8	3733673.7	446.8	0.00	1.70	0.85	YES	

L0000083	0	0.12020E-05	485011.5	3733673.7	446.8	0.00	1.70	0.85	YES
L0000084	0	0.12020E-05	485015.2	3733673.8	446.8	0.00	1.70	0.85	YES
L0000085	0	0.12020E-05	485018.8	3733673.8	446.9	0.00	1.70	0.85	YES
L0000086	0	0.12020E-05	485022.5	3733673.8	446.9	0.00	1.70	0.85	YES
L0000087	0	0.12020E-05	485026.1	3733673.9	446.9	0.00	1.70	0.85	YES
L0000088	0	0.12020E-05	485029.8	3733673.9	447.0	0.00	1.70	0.85	YES
L0000089	0	0.12020E-05	485033.4	3733673.9	447.0	0.00	1.70	0.85	YES
L0000090	0	0.12020E-05	485037.1	3733674.0	447.1	0.00	1.70	0.85	YES
L0000091	0	0.12020E-05	485040.8	3733674.0	447.1	0.00	1.70	0.85	YES
L0000092	0	0.12020E-05	485044.4	3733674.0	447.1	0.00	1.70	0.85	YES
L0000093	0	0.12020E-05	485048.1	3733674.0	447.1	0.00	1.70	0.85	YES
L0000094	0	0.12020E-05	485051.7	3733674.1	447.1	0.00	1.70	0.85	YES
L0000095	0	0.12020E-05	485055.4	3733674.1	447.1	0.00	1.70	0.85	YES
L0000096	0	0.12020E-05	485059.0	3733674.1	447.1	0.00	1.70	0.85	YES
L0000097	0	0.12020E-05	485062.7	3733674.2	447.1	0.00	1.70	0.85	YES
L0000098	0	0.12020E-05	485066.4	3733674.2	447.2	0.00	1.70	0.85	YES
L0000099	0	0.12020E-05	485070.0	3733674.2	447.2	0.00	1.70	0.85	YES
L0000100	0	0.12020E-05	485073.7	3733674.3	447.2	0.00	1.70	0.85	YES
L0000101	0	0.12020E-05	485077.3	3733674.3	447.3	0.00	1.70	0.85	YES
L0000102	0	0.12020E-05	485081.0	3733674.3	447.3	0.00	1.70	0.85	YES
L0000103	0	0.12020E-05	485084.6	3733674.4	447.4	0.00	1.70	0.85	YES
L0000104	0	0.12020E-05	485088.3	3733674.4	447.4	0.00	1.70	0.85	YES
L0000105	0	0.12020E-05	485092.0	3733674.4	447.4	0.00	1.70	0.85	YES
L0000106	0	0.12020E-05	485095.6	3733674.5	447.4	0.00	1.70	0.85	YES
L0000107	0	0.12020E-05	485099.3	3733674.5	447.4	0.00	1.70	0.85	YES
L0000108	0	0.12020E-05	485102.9	3733674.5	447.4	0.00	1.70	0.85	YES
L0000109	0	0.12020E-05	485106.6	3733674.5	447.4	0.00	1.70	0.85	YES
L0000110	0	0.12020E-05	485110.2	3733674.6	447.4	0.00	1.70	0.85	YES
L0000111	0	0.12020E-05	485113.9	3733674.6	447.4	0.00	1.70	0.85	YES
L0000112	0	0.12020E-05	485117.6	3733674.6	447.4	0.00	1.70	0.85	YES
L0000113	0	0.12020E-05	485121.2	3733674.7	447.4	0.00	1.70	0.85	YES
L0000114	0	0.12020E-05	485124.9	3733674.7	447.5	0.00	1.70	0.85	YES
L0000115	0	0.12020E-05	485128.5	3733674.7	447.5	0.00	1.70	0.85	YES
L0000116	0	0.12020E-05	485132.2	3733674.8	447.6	0.00	1.70	0.85	YES
L0000117	0	0.12020E-05	485135.9	3733674.8	447.6	0.00	1.70	0.85	YES
L0000118	0	0.12020E-05	485139.5	3733674.8	447.7	0.00	1.70	0.85	YES
L0000119	0	0.12020E-05	485143.2	3733674.9	447.7	0.00	1.70	0.85	YES
L0000120	0	0.12020E-05	485146.8	3733674.9	447.7	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000121	0	0.12020E-05	485150.5	3733674.9	447.8	0.00	1.70	0.85	YES
L0000122	0	0.12020E-05	485154.1	3733675.0	447.8	0.00	1.70	0.85	YES
L0000123	0	0.12020E-05	485157.8	3733675.0	447.8	0.00	1.70	0.85	YES
L0000124	0	0.12020E-05	485161.5	3733675.0	447.8	0.00	1.70	0.85	YES
L0000125	0	0.12020E-05	485165.1	3733675.0	447.8	0.00	1.70	0.85	YES
L0000126	0	0.12020E-05	485168.8	3733675.1	447.8	0.00	1.70	0.85	YES
L0000127	0	0.12020E-05	485172.4	3733675.1	447.8	0.00	1.70	0.85	YES
L0000128	0	0.12020E-05	485176.1	3733675.1	447.8	0.00	1.70	0.85	YES
L0000129	0	0.12020E-05	485179.7	3733675.2	447.8	0.00	1.70	0.85	YES
L0000130	0	0.12020E-05	485183.4	3733675.2	447.8	0.00	1.70	0.85	YES
L0000131	0	0.12020E-05	485187.1	3733675.2	447.9	0.00	1.70	0.85	YES
L0000132	0	0.12020E-05	485190.7	3733675.3	447.9	0.00	1.70	0.85	YES
L0000133	0	0.12020E-05	485194.4	3733675.3	447.9	0.00	1.70	0.85	YES
L0000134	0	0.12020E-05	485198.0	3733675.3	447.9	0.00	1.70	0.85	YES
L0000135	0	0.12020E-05	485201.7	3733675.4	447.9	0.00	1.70	0.85	YES
L0000136	0	0.12020E-05	485205.3	3733675.4	447.9	0.00	1.70	0.85	YES
L0000137	0	0.12020E-05	485209.0	3733675.4	447.9	0.00	1.70	0.85	YES
L0000138	0	0.12020E-05	485212.7	3733675.5	448.0	0.00	1.70	0.85	YES
L0000139	0	0.12020E-05	485216.3	3733675.5	448.0	0.00	1.70	0.85	YES
L0000140	0	0.12020E-05	485220.0	3733675.5	448.0	0.00	1.70	0.85	YES
L0000141	0	0.12020E-05	485223.6	3733675.5	448.0	0.00	1.70	0.85	YES
L0000142	0	0.12020E-05	485227.3	3733675.6	448.0	0.00	1.70	0.85	YES
L0000143	0	0.12020E-05	485230.9	3733675.6	448.0	0.00	1.70	0.85	YES
L0000144	0	0.12020E-05	485234.6	3733675.6	448.0	0.00	1.70	0.85	YES
L0000145	0	0.12020E-05	485238.3	3733675.7	448.0	0.00	1.70	0.85	YES
L0000146	0	0.12020E-05	485241.9	3733675.7	448.0	0.00	1.70	0.85	YES
L0000147	0	0.12020E-05	485245.6	3733675.7	448.0	0.00	1.70	0.85	YES
L0000148	0	0.12020E-05	485249.2	3733675.8	448.0	0.00	1.70	0.85	YES
L0000149	0	0.12020E-05	485252.9	3733675.8	448.1	0.00	1.70	0.85	YES
L0000150	0	0.12020E-05	485256.5	3733675.8	448.1	0.00	1.70	0.85	YES
L0000151	0	0.12020E-05	485260.2	3733675.9	448.1	0.00	1.70	0.85	YES
L0000152	0	0.12020E-05	485263.9	3733675.9	448.1	0.00	1.70	0.85	YES
L0000153	0	0.12020E-05	485267.5	3733675.9	448.1	0.00	1.70	0.85	YES
L0000154	0	0.12020E-05	485271.2	3733676.0	448.2	0.00	1.70	0.85	YES
L0000155	0	0.12020E-05	485274.8	3733676.0	448.2	0.00	1.70	0.85	YES
L0000156	0	0.12020E-05	485278.5	3733676.0	448.2	0.00	1.70	0.85	YES
L0000157	0	0.12020E-05	485282.1	3733676.0	448.2	0.00	1.70	0.85	YES
L0000158	0	0.12020E-05	485285.8	3733676.1	448.2	0.00	1.70	0.85	YES
L0000159	0	0.12020E-05	485289.5	3733676.1	448.2	0.00	1.70	0.85	YES
L0000160	0	0.12020E-05	485293.1	3733676.1	448.2	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0000161	0	0.12020E-05	485296.8	3733676.2	448.3	0.00	1.70	0.85	YES
L0000162	0	0.12020E-05	485300.4	3733676.2	448.3	0.00	1.70	0.85	YES
L0000163	0	0.12020E-05	485304.1	3733676.2	448.3	0.00	1.70	0.85	YES
L0000164	0	0.12020E-05	485307.8	3733676.3	448.3	0.00	1.70	0.85	YES
L0000165	0	0.12020E-05	485311.4	3733676.3	448.3	0.00	1.70	0.85	YES
L0000166	0	0.12020E-05	485315.1	3733676.3	448.3	0.00	1.70	0.85	YES
L0000167	0	0.12020E-05	485318.7	3733676.4	448.3	0.00	1.70	0.85	YES
L0000168	0	0.12020E-05	485322.4	3733676.4	448.3	0.00	1.70	0.85	YES
L0000169	0	0.12020E-05	485326.0	3733676.4	448.3	0.00	1.70	0.85	YES
L0000170	0	0.12020E-05	485329.7	3733676.5	448.3	0.00	1.70	0.85	YES
L0000171	0	0.12020E-05	485333.4	3733676.5	448.3	0.00	1.70	0.85	YES
L0000172	0	0.12020E-05	485337.0	3733676.5	448.3	0.00	1.70	0.85	YES
L0000173	0	0.12020E-05	485340.7	3733676.5	448.3	0.00	1.70	0.85	YES
L0000174	0	0.12020E-05	485344.3	3733676.6	448.3	0.00	1.70	0.85	YES
L0000175	0	0.12020E-05	485348.0	3733676.6	448.3	0.00	1.70	0.85	YES
L0000176	0	0.12020E-05	485351.6	3733676.6	448.4	0.00	1.70	0.85	YES
L0000177	0	0.12020E-05	485355.3	3733676.7	448.4	0.00	1.70	0.85	YES
L0000178	0	0.12020E-05	485359.0	3733676.7	448.4	0.00	1.70	0.85	YES
L0000179	0	0.12020E-05	485362.6	3733676.7	448.4	0.00	1.70	0.85	YES
L0000180	0	0.12020E-05	485366.3	3733676.8	448.4	0.00	1.70	0.85	YES
L0000181	0	0.12020E-05	485369.9	3733676.8	448.5	0.00	1.70	0.85	YES
L0000182	0	0.12020E-05	485373.6	3733676.8	448.5	0.00	1.70	0.85	YES
L0000183	0	0.12020E-05	485377.2	3733676.9	448.5	0.00	1.70	0.85	YES
L0000184	0	0.12020E-05	485380.9	3733676.9	448.6	0.00	1.70	0.85	YES
L0000185	0	0.12020E-05	485384.6	3733676.9	448.6	0.00	1.70	0.85	YES
L0000186	0	0.12020E-05	485388.2	3733677.0	448.6	0.00	1.70	0.85	YES
L0000187	0	0.12020E-05	485391.9	3733677.0	448.6	0.00	1.70	0.85	YES
L0000188	0	0.12020E-05	485395.5	3733677.0	448.6	0.00	1.70	0.85	YES
L0000189	0	0.12020E-05	485399.2	3733677.0	448.7	0.00	1.70	0.85	YES
L0000190	0	0.12020E-05	485402.8	3733677.1	448.7	0.00	1.70	0.85	YES
L0000191	0	0.12020E-05	485406.5	3733677.1	448.7	0.00	1.70	0.85	YES
L0000192	0	0.12020E-05	485410.2	3733677.1	448.7	0.00	1.70	0.85	YES
L0000193	0	0.12020E-05	485413.8	3733677.2	448.7	0.00	1.70	0.85	YES
L0000194	0	0.12020E-05	485417.5	3733677.2	448.7	0.00	1.70	0.85	YES
L0000195	0	0.12020E-05	485421.1	3733677.2	448.7	0.00	1.70	0.85	YES
L0000196	0	0.12020E-05	485424.8	3733677.3	448.7	0.00	1.70	0.85	YES
L0000197	0	0.12020E-05	485428.4	3733677.3	448.7	0.00	1.70	0.85	YES
L0000198	0	0.12020E-05	485432.1	3733677.3	448.8	0.00	1.70	0.85	YES
L0000199	0	0.12020E-05	485435.8	3733677.4	448.8	0.00	1.70	0.85	YES
L0000200	0	0.12020E-05	485439.4	3733677.4	448.8	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000201	0	0.12020E-05	485443.1	3733677.4	448.9	0.00	1.70	0.85	YES	
L0000202	0	0.12020E-05	485446.7	3733677.5	448.9	0.00	1.70	0.85	YES	
L0000203	0	0.12020E-05	485450.4	3733677.5	448.9	0.00	1.70	0.85	YES	
L0000204	0	0.12020E-05	485454.1	3733677.5	449.0	0.00	1.70	0.85	YES	
L0000205	0	0.12020E-05	485457.7	3733677.5	449.0	0.00	1.70	0.85	YES	
L0000206	0	0.12020E-05	485461.4	3733677.6	449.0	0.00	1.70	0.85	YES	
L0000207	0	0.12020E-05	485465.0	3733677.6	449.1	0.00	1.70	0.85	YES	
L0000208	0	0.12020E-05	485468.7	3733677.6	449.1	0.00	1.70	0.85	YES	
L0000209	0	0.12020E-05	485472.3	3733677.7	449.1	0.00	1.70	0.85	YES	
L0000210	0	0.12020E-05	485476.0	3733677.7	449.2	0.00	1.70	0.85	YES	
L0000211	0	0.12020E-05	485479.7	3733677.7	449.2	0.00	1.70	0.85	YES	
L0000212	0	0.12020E-05	485483.3	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000213	0	0.12020E-05	485487.0	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000214	0	0.12020E-05	485490.6	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000215	0	0.12020E-05	485494.3	3733677.9	449.2	0.00	1.70	0.85	YES	
L0000216	0	0.12020E-05	485497.9	3733677.9	449.2	0.00	1.70	0.85	YES	
L0000217	0	0.12020E-05	485501.6	3733677.9	449.3	0.00	1.70	0.85	YES	
L0000218	0	0.12020E-05	485505.3	3733678.0	449.3	0.00	1.70	0.85	YES	
L0000219	0	0.12020E-05	485508.9	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000220	0	0.12020E-05	485512.6	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000221	0	0.12020E-05	485516.2	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000222	0	0.12020E-05	485519.9	3733678.1	449.5	0.00	1.70	0.85	YES	
L0000223	0	0.12020E-05	485523.5	3733678.1	449.5	0.00	1.70	0.85	YES	
L0000224	0	0.12020E-05	485527.2	3733678.1	449.6	0.00	1.70	0.85	YES	
L0000225	0	0.12020E-05	485530.9	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000226	0	0.12020E-05	485534.5	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000227	0	0.12020E-05	485538.2	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000228	0	0.12020E-05	485541.8	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000229	0	0.12020E-05	485545.5	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000230	0	0.12020E-05	485549.1	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000231	0	0.12020E-05	485552.8	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000232	0	0.12020E-05	485556.5	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000233	0	0.12020E-05	485560.1	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000234	0	0.12020E-05	485563.8	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000235	0	0.12020E-05	485567.4	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000236	0	0.12020E-05	485571.1	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000237	0	0.12020E-05	485574.7	3733678.5	449.9	0.00	1.70	0.85	YES	
L0000238	0	0.12020E-05	485578.4	3733678.6	449.9	0.00	1.70	0.85	YES	
L0000239	0	0.12020E-05	485582.1	3733678.6	449.9	0.00	1.70	0.85	YES	
L0000240	0	0.12020E-05	485585.7	3733678.6	449.9	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000241	0	0.12020E-05	485589.4	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000242	0	0.12020E-05	485593.0	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000243	0	0.12020E-05	485596.7	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000244	0	0.12020E-05	485600.3	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000245	0	0.12020E-05	485604.0	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000246	0	0.12020E-05	485607.7	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000247	0	0.12020E-05	485611.3	3733678.9	449.9	0.00	1.70	0.85	YES	
L0000248	0	0.12020E-05	485615.0	3733678.9	450.0	0.00	1.70	0.85	YES	
L0000249	0	0.12020E-05	485618.6	3733678.9	450.0	0.00	1.70	0.85	YES	
L0000250	0	0.12020E-05	485622.3	3733679.0	450.0	0.00	1.70	0.85	YES	
L0000251	0	0.12020E-05	485626.0	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000252	0	0.12020E-05	485629.6	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000253	0	0.12020E-05	485633.3	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000254	0	0.12020E-05	485636.9	3733679.1	450.2	0.00	1.70	0.85	YES	
L0000255	0	0.12020E-05	485640.6	3733679.1	450.2	0.00	1.70	0.85	YES	
L0000256	0	0.12020E-05	485644.2	3733679.1	450.3	0.00	1.70	0.85	YES	
L0000257	0	0.12020E-05	485647.9	3733679.2	450.3	0.00	1.70	0.85	YES	
L0000258	0	0.12020E-05	485651.6	3733679.2	450.4	0.00	1.70	0.85	YES	
L0000259	0	0.12020E-05	485655.2	3733679.2	450.4	0.00	1.70	0.85	YES	
L0000260	0	0.12020E-05	485658.9	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000261	0	0.12020E-05	485662.5	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000262	0	0.12020E-05	485666.2	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000263	0	0.12020E-05	485669.8	3733679.4	450.4	0.00	1.70	0.85	YES	
L0000264	0	0.12020E-05	485673.5	3733679.4	450.4	0.00	1.70	0.85	YES	
L0000265	0	0.12020E-05	485677.2	3733679.4	450.5	0.00	1.70	0.85	YES	
L0000266	0	0.12020E-05	485680.8	3733679.5	450.5	0.00	1.70	0.85	YES	
L0000267	0	0.12020E-05	485684.5	3733679.5	450.5	0.00	1.70	0.85	YES	
L0000268	0	0.12020E-05	485688.1	3733679.5	450.6	0.00	1.70	0.85	YES	
L0000269	0	0.12020E-05	485691.8	3733679.5	450.6	0.00	1.70	0.85	YES	
L0000270	0	0.12020E-05	485695.4	3733679.6	450.6	0.00	1.70	0.85	YES	
L0000271	0	0.12020E-05	485699.1	3733679.6	450.7	0.00	1.70	0.85	YES	
L0000272	0	0.12020E-05	485702.8	3733679.6	450.7	0.00	1.70	0.85	YES	
L0000273	0	0.12020E-05	485706.4	3733679.7	450.8	0.00	1.70	0.85	YES	
L0000274	0	0.12020E-05	485710.1	3733679.7	450.8	0.00	1.70	0.85	YES	
L0000275	0	0.12020E-05	485713.7	3733679.7	450.9	0.00	1.70	0.85	YES	
L0000276	0	0.12020E-05	485717.4	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000277	0	0.12020E-05	485721.0	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000278	0	0.12020E-05	485724.7	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000279	0	0.12020E-05	485728.4	3733679.9	451.0	0.00	1.70	0.85	YES	
L0000280	0	0.12020E-05	485732.0	3733679.9	451.0	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000281	0	0.12020E-05	485735.7	3733679.9	451.0	0.00	1.70	0.85	YES	
L0000282	0	0.12020E-05	485739.3	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000283	0	0.12020E-05	485743.0	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000284	0	0.12020E-05	485746.6	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000285	0	0.12020E-05	485750.3	3733680.0	451.2	0.00	1.70	0.85	YES	
L0000286	0	0.12020E-05	485754.0	3733680.1	451.2	0.00	1.70	0.85	YES	
L0000287	0	0.12020E-05	485757.6	3733680.1	451.2	0.00	1.70	0.85	YES	
L0000288	0	0.12020E-05	485761.3	3733680.1	451.3	0.00	1.70	0.85	YES	
L0000289	0	0.12020E-05	485764.9	3733680.2	451.3	0.00	1.70	0.85	YES	
L0000290	0	0.12020E-05	485768.6	3733680.2	451.4	0.00	1.70	0.85	YES	
L0000291	0	0.12020E-05	485772.2	3733680.2	451.4	0.00	1.70	0.85	YES	
L0000292	0	0.12020E-05	485775.9	3733680.3	451.4	0.00	1.70	0.85	YES	
L0000293	0	0.12020E-05	485779.6	3733680.3	451.5	0.00	1.70	0.85	YES	
L0000294	0	0.12020E-05	485783.2	3733680.3	451.5	0.00	1.70	0.85	YES	
L0000295	0	0.12020E-05	485786.9	3733680.4	451.6	0.00	1.70	0.85	YES	
L0000296	0	0.12020E-05	485790.5	3733680.4	451.6	0.00	1.70	0.85	YES	
L0000297	0	0.12020E-05	485794.2	3733680.4	451.7	0.00	1.70	0.85	YES	
L0000298	0	0.12020E-05	485797.9	3733680.5	451.7	0.00	1.70	0.85	YES	
L0000299	0	0.12020E-05	485801.5	3733680.5	451.7	0.00	1.70	0.85	YES	
L0000300	0	0.12020E-05	485805.2	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000301	0	0.12020E-05	485808.8	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000302	0	0.12020E-05	485812.5	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000303	0	0.12020E-05	485816.1	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000304	0	0.12020E-05	485819.8	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000305	0	0.12020E-05	485823.5	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000306	0	0.12020E-05	485827.1	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000307	0	0.12020E-05	485830.8	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000308	0	0.12020E-05	485834.4	3733680.8	451.9	0.00	1.70	0.85	YES	
L0000309	0	0.12020E-05	485838.1	3733680.8	451.9	0.00	1.70	0.85	YES	
L0000310	0	0.12020E-05	485841.7	3733680.8	452.0	0.00	1.70	0.85	YES	
L0000311	0	0.12020E-05	485845.4	3733680.9	452.0	0.00	1.70	0.85	YES	
L0000312	0	0.12020E-05	485849.1	3733680.9	452.0	0.00	1.70	0.85	YES	
L0000313	0	0.12020E-05	485852.7	3733680.9	452.1	0.00	1.70	0.85	YES	
L0000314	0	0.12020E-05	485856.4	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000315	0	0.12020E-05	485860.0	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000316	0	0.12020E-05	485863.7	3733681.0	452.2	0.00	1.70	0.85	YES	
L0000317	0	0.12020E-05	485867.3	3733681.1	452.2	0.00	1.70	0.85	YES	
L0000318	0	0.12020E-05	485871.0	3733681.1	452.2	0.00	1.70	0.85	YES	

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L0000319         0   0.12020E-05  485874.7 3733681.1   452.2     0.00     1.70     0.85     YES
L0000320         0   0.12020E-05  485878.3 3733681.1   452.2     0.00     1.70     0.85     YES
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*** VOLUME SOURCE DATA ***

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             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
- - - -
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L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,

L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,

L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,

L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,

L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,

L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,

L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,

L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,

L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,

L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,

L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,

L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,

L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,

L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,

L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,

L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , L0000278 , L0000279 , L0000280 ,

L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , L0000286 , L0000287 , L0000288 ,

L0000289 , L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 ,

L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 ,

L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 ,

L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000320 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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

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

URBAN ID	URBAN POP	SOURCE IDs

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            2189641.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    ,
L0000008    ,
            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,
            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    , L0000024    ,
            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    , L0000031    , L0000032    ,
            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    , L0000039    , L0000040    ,
            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    , L0000047    , L0000048    ,
            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    , L0000055    , L0000056    ,
            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    , L0000063    , L0000064    ,
            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    , L0000071    , L0000072    ,
            L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    , L0000079    , L0000080    ,
            L0000081    , L0000082    , L0000083    , L0000084    , L0000085    , L0000086    , L0000087    , L0000088    ,
            L0000089    , L0000090    , L0000091    , L0000092    , L0000093    , L0000094    , L0000095    , L0000096    ,
            L0000097    , L0000098    , L0000099    , L0000100    , L0000101    , L0000102    , L0000103    , L0000104    ,
            L0000105    , L0000106    , L0000107    , L0000108    , L0000109    , L0000110    , L0000111    , L0000112    ,
            L0000113    , L0000114    , L0000115    , L0000116    , L0000117    , L0000118    , L0000119    , L0000120    ,
            L0000121    , L0000122    , L0000123    , L0000124    , L0000125    , L0000126    , L0000127    , L0000128    ,
            L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    , L0000135    , L0000136    ,
            L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    , L0000143    , L0000144    ,
            L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    , L0000151    , L0000152    ,
            L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    , L0000159    , L0000160    ,
```



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

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

URBAN ID	URBAN POP	SOURCE IDs

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

           L0000161    , L0000162    , L0000163    , L0000164    , L0000165    , L0000166    , L0000167    , L0000168    ,
           L0000169    , L0000170    , L0000171    , L0000172    , L0000173    , L0000174    , L0000175    , L0000176    ,
           L0000177    , L0000178    , L0000179    , L0000180    , L0000181    , L0000182    , L0000183    , L0000184    ,
           L0000185    , L0000186    , L0000187    , L0000188    , L0000189    , L0000190    , L0000191    , L0000192    ,
           L0000193    , L0000194    , L0000195    , L0000196    , L0000197    , L0000198    , L0000199    , L0000200    ,
           L0000201    , L0000202    , L0000203    , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    ,
           L0000209    , L0000210    , L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    ,
           L0000217    , L0000218    , L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    ,
           L0000225    , L0000226    , L0000227    , L0000228    , L0000229    , L0000230    , L0000231    , L0000232    ,
           L0000233    , L0000234    , L0000235    , L0000236    , L0000237    , L0000238    , L0000239    , L0000240    ,
           L0000241    , L0000242    , L0000243    , L0000244    , L0000245    , L0000246    , L0000247    , L0000248    ,
           L0000249    , L0000250    , L0000251    , L0000252    , L0000253    , L0000254    , L0000255    , L0000256    ,
           L0000257    , L0000258    , L0000259    , L0000260    , L0000261    , L0000262    , L0000263    , L0000264    ,
           L0000265    , L0000266    , L0000267    , L0000268    , L0000269    , L0000270    , L0000271    , L0000272    ,
           L0000273    , L0000274    , L0000275    , L0000276    , L0000277    , L0000278    , L0000279    , L0000280    ,
           L0000281    , L0000282    , L0000283    , L0000284    , L0000285    , L0000286    , L0000287    , L0000288    ,
           L0000289    , L0000290    , L0000291    , L0000292    , L0000293    , L0000294    , L0000295    , L0000296    ,
           L0000297    , L0000298    , L0000299    , L0000300    , L0000301    , L0000302    , L0000303    , L0000304    ,
           L0000305    , L0000306    , L0000307    , L0000308    , L0000309    , L0000310    , L0000311    , L0000312    ,
           L0000313    , L0000314    , L0000315    , L0000316    , L0000317    , L0000318    , L0000319    , L0000320    ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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


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

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                     PAGE  17
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

      484830.9,  484880.9,  484930.9,  484980.9,  485030.9,  485080.9,  485130.9,  485180.9,  485230.9,  485280.9,
      485330.9,  485380.9,  485430.9,  485480.9,  485530.9,  485580.9,  485630.9,  485680.9,  485730.9,  485780.9,
      485830.9,

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

     3733366.5, 3733416.5, 3733466.5, 3733516.5, 3733566.5, 3733616.5, 3733666.5, 3733716.5, 3733766.5, 3733816.5,
     3733866.5, 3733916.5, 3733966.5, 3734016.5, 3734066.5, 3734116.5, 3734166.5, 3734216.5, 3734266.5, 3734316.5,
     3734366.5,

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                     PAGE  18
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                           * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     484830.89    484880.89    484930.89    484980.89    485030.89    485080.89    485130.89    485180.89    485230.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |        450.50       451.00       451.60       452.10       452.40       452.90       453.30       453.70       454.10
 3734316.49 |        450.20       450.70       451.30       451.80       452.30       452.60       453.00       453.30       453.70
 3734266.49 |        449.90       450.40       451.00       451.60       452.00       452.40       452.70       453.00       453.30
 3734216.49 |        449.50       450.00       450.60       451.20       451.70       452.10       452.40       452.70       452.90
 3734166.49 |        449.20       449.80       450.20       450.70       451.30       451.80       452.10       452.40       452.60
 3734116.49 |        448.80       449.30       449.80       450.20       450.80       451.30       451.80       452.10       452.30
 3734066.49 |        448.50       448.80       449.40       449.90       450.30       450.80       451.20       451.50       451.90
 3734016.49 |        448.00       448.50       448.90       449.40       449.80       450.30       450.60       451.00       451.20
 3733966.49 |        447.80       448.10       448.40       449.00       449.30       449.70       450.00       450.30       450.60
```

3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	450.50	451.00	451.60	452.10	452.40	452.90	453.30	453.70	454.10
3734316.49	450.20	450.70	451.30	451.80	452.30	452.60	453.00	453.30	453.70
3734266.49	449.90	450.40	451.00	451.60	452.00	452.40	452.70	453.00	453.30
3734216.49	449.50	450.00	450.60	451.20	451.70	452.10	452.40	452.70	452.90
3734166.49	449.20	449.80	450.20	450.70	451.30	451.80	452.10	452.40	452.60
3734116.49	448.80	449.30	449.80	450.20	450.80	451.30	451.80	452.10	452.30

3734066.49	448.50	448.80	449.40	449.90	450.30	450.80	451.20	451.50	451.90
3734016.49	448.00	448.50	448.90	449.40	449.80	450.30	450.60	451.00	451.20
3733966.49	447.80	448.10	448.40	449.00	449.30	449.70	450.00	450.30	450.60
3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

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

(484919.1, 3733818.8, 447.3, 447.3, 0.0); (485294.5, 3733822.3, 449.5, 449.5, 0.0);
(485518.2, 3733824.8, 450.9, 450.9, 0.0); (485103.3, 3733886.8, 448.9, 448.9, 0.0);

*** 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
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

```
*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                      PAGE  26
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

```
  Surface file:   E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC                                    Met Version:  16216
  Profile file:   E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:     3171                 Upper air station no.:     3190
                 Name: UNKNOWN                                   Name: UNKNOWN
                 Year:   2010                                    Year:   2010
```

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5

10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	0.00085	0.00088	0.00091	0.00093	0.00096	0.00097	0.00099	0.00100	0.00101
3734316.49	0.00093	0.00097	0.00100	0.00103	0.00106	0.00108	0.00109	0.00111	0.00112
3734266.49	0.00103	0.00107	0.00111	0.00115	0.00118	0.00120	0.00122	0.00124	0.00125
3734216.49	0.00115	0.00120	0.00124	0.00128	0.00132	0.00135	0.00137	0.00139	0.00140
3734166.49	0.00128	0.00135	0.00140	0.00145	0.00149	0.00153	0.00156	0.00158	0.00159
3734116.49	0.00145	0.00153	0.00160	0.00166	0.00171	0.00175	0.00178	0.00181	0.00183
3734066.49	0.00167	0.00176	0.00185	0.00192	0.00198	0.00203	0.00207	0.00210	0.00212
3734016.49	0.00194	0.00206	0.00217	0.00226	0.00233	0.00239	0.00244	0.00247	0.00250
3733966.49	0.00231	0.00247	0.00260	0.00271	0.00280	0.00287	0.00293	0.00297	0.00300
3733916.49	0.00284	0.00304	0.00321	0.00335	0.00345	0.00354	0.00360	0.00365	0.00368

3733866.49	0.00363	0.00391	0.00413	0.00429	0.00442	0.00452	0.00460	0.00466	0.00470
3733816.49	0.00500	0.00537	0.00565	0.00586	0.00601	0.00613	0.00622	0.00629	0.00634
3733766.49	0.00779	0.00832	0.00868	0.00893	0.00913	0.00928	0.00940	0.00949	0.00957
3733716.49	0.01656	0.01734	0.01787	0.01828	0.01862	0.01890	0.01916	0.01940	0.01961
3733666.49	0.11663	0.11047	0.10474	0.09951	0.09477	0.09043	0.08649	0.08289	0.07954
3733616.49	0.01445	0.01497	0.01523	0.01537	0.01543	0.01545	0.01543	0.01539	0.01532
3733566.49	0.00758	0.00808	0.00838	0.00856	0.00869	0.00877	0.00881	0.00884	0.00884
3733516.49	0.00500	0.00541	0.00568	0.00587	0.00599	0.00608	0.00614	0.00617	0.00619
3733466.49	0.00366	0.00399	0.00423	0.00439	0.00451	0.00460	0.00466	0.00469	0.00471
3733416.49	0.00286	0.00311	0.00331	0.00346	0.00357	0.00365	0.00371	0.00374	0.00377
3733366.49	0.00232	0.00252	0.00269	0.00282	0.00292	0.00299	0.00305	0.00308	0.00311

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	0.00101	0.00101	0.00101	0.00100	0.00099	0.00097	0.00095	0.00092	0.00090
3734316.49	0.00112	0.00112	0.00112	0.00111	0.00109	0.00108	0.00105	0.00102	0.00099
3734266.49	0.00125	0.00125	0.00125	0.00124	0.00122	0.00120	0.00117	0.00114	0.00110
3734216.49	0.00141	0.00141	0.00141	0.00139	0.00138	0.00135	0.00132	0.00128	0.00124
3734166.49	0.00160	0.00160	0.00160	0.00158	0.00156	0.00153	0.00150	0.00145	0.00140
3734116.49	0.00184	0.00184	0.00183	0.00182	0.00179	0.00176	0.00172	0.00167	0.00160
3734066.49	0.00213	0.00214	0.00213	0.00211	0.00208	0.00205	0.00200	0.00194	0.00186
3734016.49	0.00251	0.00251	0.00251	0.00249	0.00246	0.00242	0.00236	0.00229	0.00220
3733966.49	0.00301	0.00302	0.00301	0.00299	0.00296	0.00291	0.00284	0.00276	0.00266
3733916.49	0.00370	0.00371	0.00370	0.00368	0.00365	0.00359	0.00352	0.00343	0.00330
3733866.49	0.00472	0.00473	0.00473	0.00471	0.00467	0.00461	0.00454	0.00443	0.00428
3733816.49	0.00638	0.00640	0.00640	0.00639	0.00635	0.00630	0.00621	0.00610	0.00593
3733766.49	0.00963	0.00967	0.00970	0.00970	0.00969	0.00965	0.00958	0.00948	0.00931
3733716.49	0.01982	0.02001	0.02018	0.02034	0.02047	0.02059	0.02068	0.02073	0.02071
3733666.49	0.07648	0.07360	0.07096	0.06846	0.06612	0.06391	0.06181	0.05976	0.05775
3733616.49	0.01525	0.01515	0.01504	0.01491	0.01476	0.01459	0.01439	0.01413	0.01381
3733566.49	0.00883	0.00880	0.00875	0.00868	0.00860	0.00849	0.00835	0.00817	0.00794
3733516.49	0.00619	0.00618	0.00615	0.00610	0.00604	0.00595	0.00584	0.00569	0.00549
3733466.49	0.00472	0.00471	0.00469	0.00465	0.00460	0.00453	0.00443	0.00431	0.00415
3733416.49	0.00377	0.00377	0.00375	0.00372	0.00367	0.00361	0.00353	0.00343	0.00330

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 3733366.49 |       0.00311      0.00311      0.00310      0.00307      0.00303      0.00298      0.00291      0.00282      0.00272

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                      PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     485730.89    485780.89    485830.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |       0.00086      0.00083      0.00079
 3734316.49 |       0.00095      0.00091      0.00087
 3734266.49 |       0.00106      0.00101      0.00096
 3734216.49 |       0.00118      0.00113      0.00107
 3734166.49 |       0.00134      0.00127      0.00120
 3734116.49 |       0.00153      0.00145      0.00136
 3734066.49 |       0.00178      0.00167      0.00156
 3734016.49 |       0.00209      0.00197      0.00182
 3733966.49 |       0.00252      0.00236      0.00218
 3733916.49 |       0.00314      0.00293      0.00268
 3733866.49 |       0.00408      0.00381      0.00345
 3733816.49 |       0.00568      0.00533      0.00480
 3733766.49 |       0.00903      0.00857      0.00778
 3733716.49 |       0.02057      0.02019      0.01916
 3733666.49 |       0.05575      0.05354      0.05068
 3733616.49 |       0.01338      0.01273      0.01162
 3733566.49 |       0.00761      0.00715      0.00647
 3733516.49 |       0.00524      0.00491      0.00447
 3733466.49 |       0.00395      0.00371      0.00341
 3733416.49 |       0.00315      0.00296      0.00275
 3733366.49 |       0.00260      0.00246      0.00230

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
*** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                      PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        484919.14    3733818.79        0.00550                     485294.54    3733822.32        0.00614
        485518.20    3733824.78        0.00596                     485103.33    3733886.78        0.00411

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
 *** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                      PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                                                                                                          NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.11663 AT (  484830.89,  3733666.49,   445.50,   445.50,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.11047 AT (  484880.89,  3733666.49,   446.00,   446.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.10474 AT (  484930.89,  3733666.49,   446.30,   446.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.09951 AT (  484980.89,  3733666.49,   446.60,   446.60,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.09477 AT (  485030.89,  3733666.49,   446.90,   446.90,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS       0.09043 AT (  485080.89,  3733666.49,   447.20,   447.20,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS       0.08649 AT (  485130.89,  3733666.49,   447.50,   447.50,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.08289 AT (  485180.89,  3733666.49,   447.80,   447.80,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS       0.07954 AT (  485230.89,  3733666.49,   447.90,   447.90,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.07648 AT (  485280.89,  3733666.49,   448.20,   448.20,    0.00)  GC  UCART1


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

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/19/19
 *** AERMET - VERSION  16216 ***   *** Opening Year 2023                                                   ***        20:17:22
                                                                                                                      PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

  --------- Summary of Total Messages --------
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A Total of            0 Fatal Error Message(s)
A Total of            4 Warning Message(s)
A Total of         2028 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          978 Calm Hours Identified

A Total of         1050 Missing Hours Identified (  2.40 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:      14010101
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:    2 year gap

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

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 6/20/2019
** File: C:\Lakes\AERMOD View\Menifee North Specific Plan 2-year\Menifee North Specific Plan 2-year.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Menifee North SP
   TITLETWO 2 YR Exposure 2024-25
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Menifee North Specific Plan 2-year.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 Traffic along SR-74
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 0.00038
** Elevated
** Vertical Dimension = 3.66
** SZINIT = 0.85
** Nodes = 2
** 484709.757, 3733671.152, 444.80, 0.00, 1.70
** 485905.837, 3733681.380, 452.45, 0.00, 1.70
```

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** ---------------------------------------------------------------------
   LOCATION L0000001     VOLUME   484711.585 3733671.167 444.86
   LOCATION L0000002     VOLUME   484715.243 3733671.198 444.87
   LOCATION L0000003     VOLUME   484718.900 3733671.230 444.88
   LOCATION L0000004     VOLUME   484722.558 3733671.261 444.89
   LOCATION L0000005     VOLUME   484726.215 3733671.292 444.91
   LOCATION L0000006     VOLUME   484729.873 3733671.324 444.92
   LOCATION L0000007     VOLUME   484733.530 3733671.355 444.95
   LOCATION L0000008     VOLUME   484737.187 3733671.386 444.98
   LOCATION L0000009     VOLUME   484740.845 3733671.417 445.01
   LOCATION L0000010     VOLUME   484744.502 3733671.449 445.05
   LOCATION L0000011     VOLUME   484748.160 3733671.480 445.08
   LOCATION L0000012     VOLUME   484751.817 3733671.511 445.11
   LOCATION L0000013     VOLUME   484755.475 3733671.543 445.14
   LOCATION L0000014     VOLUME   484759.132 3733671.574 445.15
   LOCATION L0000015     VOLUME   484762.790 3733671.605 445.16
   LOCATION L0000016     VOLUME   484766.447 3733671.636 445.17
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   LOCATION L0000313     VOLUME   485852.715 3733680.926 452.07
   LOCATION L0000314     VOLUME   485856.372 3733680.957 452.11
   LOCATION L0000315     VOLUME   485860.030 3733680.988 452.14
   LOCATION L0000316     VOLUME   485863.687 3733681.019 452.17
   LOCATION L0000317     VOLUME   485867.345 3733681.051 452.18
   LOCATION L0000318     VOLUME   485871.002 3733681.082 452.20
   LOCATION L0000319     VOLUME   485874.660 3733681.113 452.22
   LOCATION L0000320     VOLUME   485878.317 3733681.145 452.24
   LOCATION L0000321     VOLUME   485881.974 3733681.176 452.25
   LOCATION L0000322     VOLUME   485885.632 3733681.207 452.27
   LOCATION L0000323     VOLUME   485889.289 3733681.238 452.30
   LOCATION L0000324     VOLUME   485892.947 3733681.270 452.34
   LOCATION L0000325     VOLUME   485896.604 3733681.301 452.38
   LOCATION L0000326     VOLUME   485900.262 3733681.332 452.42
   LOCATION L0000327     VOLUME   485903.919 3733681.364 452.46
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   SRCPARAM L0000286     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000287     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000288     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000289     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000290     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000291     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000292     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000293     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000294     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000295     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000296     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000297     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000298     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000299     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000300     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000301     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000302     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000303     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000304     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000305     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000306     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000307     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000308     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000309     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000310     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000311     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000312     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000313     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000314     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000315     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000316     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000317     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000318     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000319     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000320     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000321     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000322     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000323     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000324     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000325     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000326     0.000001162      0.00      1.70      0.85
   SRCPARAM L0000327     0.000001162      0.00      1.70      0.85
** ---------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
```

```
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Menifee North Specific Plan 2-year.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC"
   PROFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL"
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "MENIFEE NORTH SPECIFIC PLAN 2-YEAR.AD\PE00GALL.PLT" 31
   SUMMFILE "Menifee North Specific Plan 2-year.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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


*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
*** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                      PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

```
                and:      0 LINE source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.7 MB of RAM.

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

**Detailed Error/Message File:   Menifee North Specific Plan 2-year.err
**File for Summary of Results:   Menifee North Specific Plan 2-year.sum

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
*** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                      PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

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

L0000009	0	0.11620E-05	484740.8	3733671.4	445.0	0.00	1.70	0.85	YES
L0000010	0	0.11620E-05	484744.5	3733671.4	445.1	0.00	1.70	0.85	YES
L0000011	0	0.11620E-05	484748.2	3733671.5	445.1	0.00	1.70	0.85	YES
L0000012	0	0.11620E-05	484751.8	3733671.5	445.1	0.00	1.70	0.85	YES
L0000013	0	0.11620E-05	484755.5	3733671.5	445.1	0.00	1.70	0.85	YES
L0000014	0	0.11620E-05	484759.1	3733671.6	445.2	0.00	1.70	0.85	YES
L0000015	0	0.11620E-05	484762.8	3733671.6	445.2	0.00	1.70	0.85	YES
L0000016	0	0.11620E-05	484766.4	3733671.6	445.2	0.00	1.70	0.85	YES
L0000017	0	0.11620E-05	484770.1	3733671.7	445.2	0.00	1.70	0.85	YES
L0000018	0	0.11620E-05	484773.8	3733671.7	445.2	0.00	1.70	0.85	YES
L0000019	0	0.11620E-05	484777.4	3733671.7	445.2	0.00	1.70	0.85	YES
L0000020	0	0.11620E-05	484781.1	3733671.8	445.2	0.00	1.70	0.85	YES
L0000021	0	0.11620E-05	484784.7	3733671.8	445.2	0.00	1.70	0.85	YES
L0000022	0	0.11620E-05	484788.4	3733671.8	445.3	0.00	1.70	0.85	YES
L0000023	0	0.11620E-05	484792.0	3733671.9	445.3	0.00	1.70	0.85	YES
L0000024	0	0.11620E-05	484795.7	3733671.9	445.4	0.00	1.70	0.85	YES
L0000025	0	0.11620E-05	484799.4	3733671.9	445.4	0.00	1.70	0.85	YES
L0000026	0	0.11620E-05	484803.0	3733671.9	445.4	0.00	1.70	0.85	YES
L0000027	0	0.11620E-05	484806.7	3733672.0	445.4	0.00	1.70	0.85	YES
L0000028	0	0.11620E-05	484810.3	3733672.0	445.5	0.00	1.70	0.85	YES
L0000029	0	0.11620E-05	484814.0	3733672.0	445.5	0.00	1.70	0.85	YES
L0000030	0	0.11620E-05	484817.7	3733672.1	445.5	0.00	1.70	0.85	YES
L0000031	0	0.11620E-05	484821.3	3733672.1	445.5	0.00	1.70	0.85	YES
L0000032	0	0.11620E-05	484825.0	3733672.1	445.6	0.00	1.70	0.85	YES
L0000033	0	0.11620E-05	484828.6	3733672.2	445.6	0.00	1.70	0.85	YES
L0000034	0	0.11620E-05	484832.3	3733672.2	445.6	0.00	1.70	0.85	YES
L0000035	0	0.11620E-05	484835.9	3733672.2	445.6	0.00	1.70	0.85	YES
L0000036	0	0.11620E-05	484839.6	3733672.3	445.7	0.00	1.70	0.85	YES
L0000037	0	0.11620E-05	484843.3	3733672.3	445.7	0.00	1.70	0.85	YES
L0000038	0	0.11620E-05	484846.9	3733672.3	445.7	0.00	1.70	0.85	YES
L0000039	0	0.11620E-05	484850.6	3733672.4	445.8	0.00	1.70	0.85	YES
L0000040	0	0.11620E-05	484854.2	3733672.4	445.8	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.11620E-05	484857.9	3733672.4	445.8	0.00	1.70	0.85	YES	
L0000042	0	0.11620E-05	484861.5	3733672.4	445.9	0.00	1.70	0.85	YES	
L0000043	0	0.11620E-05	484865.2	3733672.5	445.9	0.00	1.70	0.85	YES	
L0000044	0	0.11620E-05	484868.9	3733672.5	445.9	0.00	1.70	0.85	YES	
L0000045	0	0.11620E-05	484872.5	3733672.5	445.9	0.00	1.70	0.85	YES	

L0000046	0	0.11620E-05	484876.2	3733672.6	446.0	0.00	1.70	0.85	YES	
L0000047	0	0.11620E-05	484879.8	3733672.6	446.0	0.00	1.70	0.85	YES	
L0000048	0	0.11620E-05	484883.5	3733672.6	446.0	0.00	1.70	0.85	YES	
L0000049	0	0.11620E-05	484887.1	3733672.7	446.1	0.00	1.70	0.85	YES	
L0000050	0	0.11620E-05	484890.8	3733672.7	446.1	0.00	1.70	0.85	YES	
L0000051	0	0.11620E-05	484894.5	3733672.7	446.1	0.00	1.70	0.85	YES	
L0000052	0	0.11620E-05	484898.1	3733672.8	446.1	0.00	1.70	0.85	YES	
L0000053	0	0.11620E-05	484901.8	3733672.8	446.1	0.00	1.70	0.85	YES	
L0000054	0	0.11620E-05	484905.4	3733672.8	446.1	0.00	1.70	0.85	YES	
L0000055	0	0.11620E-05	484909.1	3733672.9	446.2	0.00	1.70	0.85	YES	
L0000056	0	0.11620E-05	484912.7	3733672.9	446.2	0.00	1.70	0.85	YES	
L0000057	0	0.11620E-05	484916.4	3733672.9	446.2	0.00	1.70	0.85	YES	
L0000058	0	0.11620E-05	484920.1	3733672.9	446.3	0.00	1.70	0.85	YES	
L0000059	0	0.11620E-05	484923.7	3733673.0	446.3	0.00	1.70	0.85	YES	
L0000060	0	0.11620E-05	484927.4	3733673.0	446.3	0.00	1.70	0.85	YES	
L0000061	0	0.11620E-05	484931.0	3733673.0	446.4	0.00	1.70	0.85	YES	
L0000062	0	0.11620E-05	484934.7	3733673.1	446.4	0.00	1.70	0.85	YES	
L0000063	0	0.11620E-05	484938.3	3733673.1	446.4	0.00	1.70	0.85	YES	
L0000064	0	0.11620E-05	484942.0	3733673.1	446.4	0.00	1.70	0.85	YES	
L0000065	0	0.11620E-05	484945.7	3733673.2	446.4	0.00	1.70	0.85	YES	
L0000066	0	0.11620E-05	484949.3	3733673.2	446.4	0.00	1.70	0.85	YES	
L0000067	0	0.11620E-05	484953.0	3733673.2	446.5	0.00	1.70	0.85	YES	
L0000068	0	0.11620E-05	484956.6	3733673.3	446.5	0.00	1.70	0.85	YES	
L0000069	0	0.11620E-05	484960.3	3733673.3	446.5	0.00	1.70	0.85	YES	
L0000070	0	0.11620E-05	484964.0	3733673.3	446.5	0.00	1.70	0.85	YES	
L0000071	0	0.11620E-05	484967.6	3733673.4	446.6	0.00	1.70	0.85	YES	
L0000072	0	0.11620E-05	484971.3	3733673.4	446.6	0.00	1.70	0.85	YES	
L0000073	0	0.11620E-05	484974.9	3733673.4	446.6	0.00	1.70	0.85	YES	
L0000074	0	0.11620E-05	484978.6	3733673.4	446.7	0.00	1.70	0.85	YES	
L0000075	0	0.11620E-05	484982.2	3733673.5	446.7	0.00	1.70	0.85	YES	
L0000076	0	0.11620E-05	484985.9	3733673.5	446.7	0.00	1.70	0.85	YES	
L0000077	0	0.11620E-05	484989.6	3733673.5	446.8	0.00	1.70	0.85	YES	
L0000078	0	0.11620E-05	484993.2	3733673.6	446.8	0.00	1.70	0.85	YES	
L0000079	0	0.11620E-05	484996.9	3733673.6	446.8	0.00	1.70	0.85	YES	
L0000080	0	0.11620E-05	485000.5	3733673.6	446.8	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.11620E-05	485004.2	3733673.7	446.8	0.00	1.70	0.85	YES	
L0000082	0	0.11620E-05	485007.8	3733673.7	446.8	0.00	1.70	0.85	YES	

L0000083	0	0.11620E-05	485011.5	3733673.7	446.8	0.00	1.70	0.85	YES
L0000084	0	0.11620E-05	485015.2	3733673.8	446.8	0.00	1.70	0.85	YES
L0000085	0	0.11620E-05	485018.8	3733673.8	446.9	0.00	1.70	0.85	YES
L0000086	0	0.11620E-05	485022.5	3733673.8	446.9	0.00	1.70	0.85	YES
L0000087	0	0.11620E-05	485026.1	3733673.9	446.9	0.00	1.70	0.85	YES
L0000088	0	0.11620E-05	485029.8	3733673.9	447.0	0.00	1.70	0.85	YES
L0000089	0	0.11620E-05	485033.4	3733673.9	447.0	0.00	1.70	0.85	YES
L0000090	0	0.11620E-05	485037.1	3733674.0	447.1	0.00	1.70	0.85	YES
L0000091	0	0.11620E-05	485040.8	3733674.0	447.1	0.00	1.70	0.85	YES
L0000092	0	0.11620E-05	485044.4	3733674.0	447.1	0.00	1.70	0.85	YES
L0000093	0	0.11620E-05	485048.1	3733674.0	447.1	0.00	1.70	0.85	YES
L0000094	0	0.11620E-05	485051.7	3733674.1	447.1	0.00	1.70	0.85	YES
L0000095	0	0.11620E-05	485055.4	3733674.1	447.1	0.00	1.70	0.85	YES
L0000096	0	0.11620E-05	485059.0	3733674.1	447.1	0.00	1.70	0.85	YES
L0000097	0	0.11620E-05	485062.7	3733674.2	447.1	0.00	1.70	0.85	YES
L0000098	0	0.11620E-05	485066.4	3733674.2	447.2	0.00	1.70	0.85	YES
L0000099	0	0.11620E-05	485070.0	3733674.2	447.2	0.00	1.70	0.85	YES
L0000100	0	0.11620E-05	485073.7	3733674.3	447.2	0.00	1.70	0.85	YES
L0000101	0	0.11620E-05	485077.3	3733674.3	447.3	0.00	1.70	0.85	YES
L0000102	0	0.11620E-05	485081.0	3733674.3	447.3	0.00	1.70	0.85	YES
L0000103	0	0.11620E-05	485084.6	3733674.4	447.4	0.00	1.70	0.85	YES
L0000104	0	0.11620E-05	485088.3	3733674.4	447.4	0.00	1.70	0.85	YES
L0000105	0	0.11620E-05	485092.0	3733674.4	447.4	0.00	1.70	0.85	YES
L0000106	0	0.11620E-05	485095.6	3733674.5	447.4	0.00	1.70	0.85	YES
L0000107	0	0.11620E-05	485099.3	3733674.5	447.4	0.00	1.70	0.85	YES
L0000108	0	0.11620E-05	485102.9	3733674.5	447.4	0.00	1.70	0.85	YES
L0000109	0	0.11620E-05	485106.6	3733674.5	447.4	0.00	1.70	0.85	YES
L0000110	0	0.11620E-05	485110.2	3733674.6	447.4	0.00	1.70	0.85	YES
L0000111	0	0.11620E-05	485113.9	3733674.6	447.4	0.00	1.70	0.85	YES
L0000112	0	0.11620E-05	485117.6	3733674.6	447.4	0.00	1.70	0.85	YES
L0000113	0	0.11620E-05	485121.2	3733674.7	447.4	0.00	1.70	0.85	YES
L0000114	0	0.11620E-05	485124.9	3733674.7	447.5	0.00	1.70	0.85	YES
L0000115	0	0.11620E-05	485128.5	3733674.7	447.5	0.00	1.70	0.85	YES
L0000116	0	0.11620E-05	485132.2	3733674.8	447.6	0.00	1.70	0.85	YES
L0000117	0	0.11620E-05	485135.9	3733674.8	447.6	0.00	1.70	0.85	YES
L0000118	0	0.11620E-05	485139.5	3733674.8	447.7	0.00	1.70	0.85	YES
L0000119	0	0.11620E-05	485143.2	3733674.9	447.7	0.00	1.70	0.85	YES
L0000120	0	0.11620E-05	485146.8	3733674.9	447.7	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000121	0	0.11620E-05	485150.5	3733674.9	447.8	0.00	1.70	0.85	YES
L0000122	0	0.11620E-05	485154.1	3733675.0	447.8	0.00	1.70	0.85	YES
L0000123	0	0.11620E-05	485157.8	3733675.0	447.8	0.00	1.70	0.85	YES
L0000124	0	0.11620E-05	485161.5	3733675.0	447.8	0.00	1.70	0.85	YES
L0000125	0	0.11620E-05	485165.1	3733675.0	447.8	0.00	1.70	0.85	YES
L0000126	0	0.11620E-05	485168.8	3733675.1	447.8	0.00	1.70	0.85	YES
L0000127	0	0.11620E-05	485172.4	3733675.1	447.8	0.00	1.70	0.85	YES
L0000128	0	0.11620E-05	485176.1	3733675.1	447.8	0.00	1.70	0.85	YES
L0000129	0	0.11620E-05	485179.7	3733675.2	447.8	0.00	1.70	0.85	YES
L0000130	0	0.11620E-05	485183.4	3733675.2	447.8	0.00	1.70	0.85	YES
L0000131	0	0.11620E-05	485187.1	3733675.2	447.9	0.00	1.70	0.85	YES
L0000132	0	0.11620E-05	485190.7	3733675.3	447.9	0.00	1.70	0.85	YES
L0000133	0	0.11620E-05	485194.4	3733675.3	447.9	0.00	1.70	0.85	YES
L0000134	0	0.11620E-05	485198.0	3733675.3	447.9	0.00	1.70	0.85	YES
L0000135	0	0.11620E-05	485201.7	3733675.4	447.9	0.00	1.70	0.85	YES
L0000136	0	0.11620E-05	485205.3	3733675.4	447.9	0.00	1.70	0.85	YES
L0000137	0	0.11620E-05	485209.0	3733675.4	447.9	0.00	1.70	0.85	YES
L0000138	0	0.11620E-05	485212.7	3733675.5	448.0	0.00	1.70	0.85	YES
L0000139	0	0.11620E-05	485216.3	3733675.5	448.0	0.00	1.70	0.85	YES
L0000140	0	0.11620E-05	485220.0	3733675.5	448.0	0.00	1.70	0.85	YES
L0000141	0	0.11620E-05	485223.6	3733675.5	448.0	0.00	1.70	0.85	YES
L0000142	0	0.11620E-05	485227.3	3733675.6	448.0	0.00	1.70	0.85	YES
L0000143	0	0.11620E-05	485230.9	3733675.6	448.0	0.00	1.70	0.85	YES
L0000144	0	0.11620E-05	485234.6	3733675.6	448.0	0.00	1.70	0.85	YES
L0000145	0	0.11620E-05	485238.3	3733675.7	448.0	0.00	1.70	0.85	YES
L0000146	0	0.11620E-05	485241.9	3733675.7	448.0	0.00	1.70	0.85	YES
L0000147	0	0.11620E-05	485245.6	3733675.7	448.0	0.00	1.70	0.85	YES
L0000148	0	0.11620E-05	485249.2	3733675.8	448.0	0.00	1.70	0.85	YES
L0000149	0	0.11620E-05	485252.9	3733675.8	448.1	0.00	1.70	0.85	YES
L0000150	0	0.11620E-05	485256.5	3733675.8	448.1	0.00	1.70	0.85	YES
L0000151	0	0.11620E-05	485260.2	3733675.9	448.1	0.00	1.70	0.85	YES
L0000152	0	0.11620E-05	485263.9	3733675.9	448.1	0.00	1.70	0.85	YES
L0000153	0	0.11620E-05	485267.5	3733675.9	448.1	0.00	1.70	0.85	YES
L0000154	0	0.11620E-05	485271.2	3733676.0	448.2	0.00	1.70	0.85	YES
L0000155	0	0.11620E-05	485274.8	3733676.0	448.2	0.00	1.70	0.85	YES
L0000156	0	0.11620E-05	485278.5	3733676.0	448.2	0.00	1.70	0.85	YES
L0000157	0	0.11620E-05	485282.1	3733676.0	448.2	0.00	1.70	0.85	YES
L0000158	0	0.11620E-05	485285.8	3733676.1	448.2	0.00	1.70	0.85	YES
L0000159	0	0.11620E-05	485289.5	3733676.1	448.2	0.00	1.70	0.85	YES
L0000160	0	0.11620E-05	485293.1	3733676.1	448.2	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0000161	0	0.11620E-05	485296.8	3733676.2	448.3	0.00	1.70	0.85	YES
L0000162	0	0.11620E-05	485300.4	3733676.2	448.3	0.00	1.70	0.85	YES
L0000163	0	0.11620E-05	485304.1	3733676.2	448.3	0.00	1.70	0.85	YES
L0000164	0	0.11620E-05	485307.8	3733676.3	448.3	0.00	1.70	0.85	YES
L0000165	0	0.11620E-05	485311.4	3733676.3	448.3	0.00	1.70	0.85	YES
L0000166	0	0.11620E-05	485315.1	3733676.3	448.3	0.00	1.70	0.85	YES
L0000167	0	0.11620E-05	485318.7	3733676.4	448.3	0.00	1.70	0.85	YES
L0000168	0	0.11620E-05	485322.4	3733676.4	448.3	0.00	1.70	0.85	YES
L0000169	0	0.11620E-05	485326.0	3733676.4	448.3	0.00	1.70	0.85	YES
L0000170	0	0.11620E-05	485329.7	3733676.5	448.3	0.00	1.70	0.85	YES
L0000171	0	0.11620E-05	485333.4	3733676.5	448.3	0.00	1.70	0.85	YES
L0000172	0	0.11620E-05	485337.0	3733676.5	448.3	0.00	1.70	0.85	YES
L0000173	0	0.11620E-05	485340.7	3733676.5	448.3	0.00	1.70	0.85	YES
L0000174	0	0.11620E-05	485344.3	3733676.6	448.3	0.00	1.70	0.85	YES
L0000175	0	0.11620E-05	485348.0	3733676.6	448.3	0.00	1.70	0.85	YES
L0000176	0	0.11620E-05	485351.6	3733676.6	448.4	0.00	1.70	0.85	YES
L0000177	0	0.11620E-05	485355.3	3733676.7	448.4	0.00	1.70	0.85	YES
L0000178	0	0.11620E-05	485359.0	3733676.7	448.4	0.00	1.70	0.85	YES
L0000179	0	0.11620E-05	485362.6	3733676.7	448.4	0.00	1.70	0.85	YES
L0000180	0	0.11620E-05	485366.3	3733676.8	448.4	0.00	1.70	0.85	YES
L0000181	0	0.11620E-05	485369.9	3733676.8	448.5	0.00	1.70	0.85	YES
L0000182	0	0.11620E-05	485373.6	3733676.8	448.5	0.00	1.70	0.85	YES
L0000183	0	0.11620E-05	485377.2	3733676.9	448.5	0.00	1.70	0.85	YES
L0000184	0	0.11620E-05	485380.9	3733676.9	448.6	0.00	1.70	0.85	YES
L0000185	0	0.11620E-05	485384.6	3733676.9	448.6	0.00	1.70	0.85	YES
L0000186	0	0.11620E-05	485388.2	3733677.0	448.6	0.00	1.70	0.85	YES
L0000187	0	0.11620E-05	485391.9	3733677.0	448.6	0.00	1.70	0.85	YES
L0000188	0	0.11620E-05	485395.5	3733677.0	448.6	0.00	1.70	0.85	YES
L0000189	0	0.11620E-05	485399.2	3733677.0	448.7	0.00	1.70	0.85	YES
L0000190	0	0.11620E-05	485402.8	3733677.1	448.7	0.00	1.70	0.85	YES
L0000191	0	0.11620E-05	485406.5	3733677.1	448.7	0.00	1.70	0.85	YES
L0000192	0	0.11620E-05	485410.2	3733677.1	448.7	0.00	1.70	0.85	YES
L0000193	0	0.11620E-05	485413.8	3733677.2	448.7	0.00	1.70	0.85	YES
L0000194	0	0.11620E-05	485417.5	3733677.2	448.7	0.00	1.70	0.85	YES
L0000195	0	0.11620E-05	485421.1	3733677.2	448.7	0.00	1.70	0.85	YES
L0000196	0	0.11620E-05	485424.8	3733677.3	448.7	0.00	1.70	0.85	YES
L0000197	0	0.11620E-05	485428.4	3733677.3	448.7	0.00	1.70	0.85	YES
L0000198	0	0.11620E-05	485432.1	3733677.3	448.8	0.00	1.70	0.85	YES
L0000199	0	0.11620E-05	485435.8	3733677.4	448.8	0.00	1.70	0.85	YES
L0000200	0	0.11620E-05	485439.4	3733677.4	448.8	0.00	1.70	0.85	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000201	0	0.11620E-05	485443.1	3733677.4	448.9	0.00	1.70	0.85	YES	
L0000202	0	0.11620E-05	485446.7	3733677.5	448.9	0.00	1.70	0.85	YES	
L0000203	0	0.11620E-05	485450.4	3733677.5	448.9	0.00	1.70	0.85	YES	
L0000204	0	0.11620E-05	485454.1	3733677.5	449.0	0.00	1.70	0.85	YES	
L0000205	0	0.11620E-05	485457.7	3733677.5	449.0	0.00	1.70	0.85	YES	
L0000206	0	0.11620E-05	485461.4	3733677.6	449.0	0.00	1.70	0.85	YES	
L0000207	0	0.11620E-05	485465.0	3733677.6	449.1	0.00	1.70	0.85	YES	
L0000208	0	0.11620E-05	485468.7	3733677.6	449.1	0.00	1.70	0.85	YES	
L0000209	0	0.11620E-05	485472.3	3733677.7	449.1	0.00	1.70	0.85	YES	
L0000210	0	0.11620E-05	485476.0	3733677.7	449.2	0.00	1.70	0.85	YES	
L0000211	0	0.11620E-05	485479.7	3733677.7	449.2	0.00	1.70	0.85	YES	
L0000212	0	0.11620E-05	485483.3	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000213	0	0.11620E-05	485487.0	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000214	0	0.11620E-05	485490.6	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000215	0	0.11620E-05	485494.3	3733677.9	449.2	0.00	1.70	0.85	YES	
L0000216	0	0.11620E-05	485497.9	3733677.9	449.2	0.00	1.70	0.85	YES	
L0000217	0	0.11620E-05	485501.6	3733677.9	449.3	0.00	1.70	0.85	YES	
L0000218	0	0.11620E-05	485505.3	3733678.0	449.3	0.00	1.70	0.85	YES	
L0000219	0	0.11620E-05	485508.9	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000220	0	0.11620E-05	485512.6	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000221	0	0.11620E-05	485516.2	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000222	0	0.11620E-05	485519.9	3733678.1	449.5	0.00	1.70	0.85	YES	
L0000223	0	0.11620E-05	485523.5	3733678.1	449.5	0.00	1.70	0.85	YES	
L0000224	0	0.11620E-05	485527.2	3733678.1	449.6	0.00	1.70	0.85	YES	
L0000225	0	0.11620E-05	485530.9	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000226	0	0.11620E-05	485534.5	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000227	0	0.11620E-05	485538.2	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000228	0	0.11620E-05	485541.8	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000229	0	0.11620E-05	485545.5	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000230	0	0.11620E-05	485549.1	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000231	0	0.11620E-05	485552.8	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000232	0	0.11620E-05	485556.5	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000233	0	0.11620E-05	485560.1	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000234	0	0.11620E-05	485563.8	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000235	0	0.11620E-05	485567.4	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000236	0	0.11620E-05	485571.1	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000237	0	0.11620E-05	485574.7	3733678.5	449.9	0.00	1.70	0.85	YES	
L0000238	0	0.11620E-05	485578.4	3733678.6	449.9	0.00	1.70	0.85	YES	
L0000239	0	0.11620E-05	485582.1	3733678.6	449.9	0.00	1.70	0.85	YES	
L0000240	0	0.11620E-05	485585.7	3733678.6	449.9	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000241	0	0.11620E-05	485589.4	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000242	0	0.11620E-05	485593.0	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000243	0	0.11620E-05	485596.7	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000244	0	0.11620E-05	485600.3	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000245	0	0.11620E-05	485604.0	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000246	0	0.11620E-05	485607.7	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000247	0	0.11620E-05	485611.3	3733678.9	449.9	0.00	1.70	0.85	YES	
L0000248	0	0.11620E-05	485615.0	3733678.9	450.0	0.00	1.70	0.85	YES	
L0000249	0	0.11620E-05	485618.6	3733678.9	450.0	0.00	1.70	0.85	YES	
L0000250	0	0.11620E-05	485622.3	3733679.0	450.0	0.00	1.70	0.85	YES	
L0000251	0	0.11620E-05	485626.0	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000252	0	0.11620E-05	485629.6	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000253	0	0.11620E-05	485633.3	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000254	0	0.11620E-05	485636.9	3733679.1	450.2	0.00	1.70	0.85	YES	
L0000255	0	0.11620E-05	485640.6	3733679.1	450.2	0.00	1.70	0.85	YES	
L0000256	0	0.11620E-05	485644.2	3733679.1	450.3	0.00	1.70	0.85	YES	
L0000257	0	0.11620E-05	485647.9	3733679.2	450.3	0.00	1.70	0.85	YES	
L0000258	0	0.11620E-05	485651.6	3733679.2	450.4	0.00	1.70	0.85	YES	
L0000259	0	0.11620E-05	485655.2	3733679.2	450.4	0.00	1.70	0.85	YES	
L0000260	0	0.11620E-05	485658.9	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000261	0	0.11620E-05	485662.5	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000262	0	0.11620E-05	485666.2	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000263	0	0.11620E-05	485669.8	3733679.4	450.4	0.00	1.70	0.85	YES	
L0000264	0	0.11620E-05	485673.5	3733679.4	450.4	0.00	1.70	0.85	YES	
L0000265	0	0.11620E-05	485677.2	3733679.4	450.5	0.00	1.70	0.85	YES	
L0000266	0	0.11620E-05	485680.8	3733679.5	450.5	0.00	1.70	0.85	YES	
L0000267	0	0.11620E-05	485684.5	3733679.5	450.5	0.00	1.70	0.85	YES	
L0000268	0	0.11620E-05	485688.1	3733679.5	450.6	0.00	1.70	0.85	YES	
L0000269	0	0.11620E-05	485691.8	3733679.5	450.6	0.00	1.70	0.85	YES	
L0000270	0	0.11620E-05	485695.4	3733679.6	450.6	0.00	1.70	0.85	YES	
L0000271	0	0.11620E-05	485699.1	3733679.6	450.7	0.00	1.70	0.85	YES	
L0000272	0	0.11620E-05	485702.8	3733679.6	450.7	0.00	1.70	0.85	YES	
L0000273	0	0.11620E-05	485706.4	3733679.7	450.8	0.00	1.70	0.85	YES	
L0000274	0	0.11620E-05	485710.1	3733679.7	450.8	0.00	1.70	0.85	YES	
L0000275	0	0.11620E-05	485713.7	3733679.7	450.9	0.00	1.70	0.85	YES	
L0000276	0	0.11620E-05	485717.4	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000277	0	0.11620E-05	485721.0	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000278	0	0.11620E-05	485724.7	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000279	0	0.11620E-05	485728.4	3733679.9	451.0	0.00	1.70	0.85	YES	
L0000280	0	0.11620E-05	485732.0	3733679.9	451.0	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000281	0	0.11620E-05	485735.7	3733679.9	451.0	0.00	1.70	0.85	YES	
L0000282	0	0.11620E-05	485739.3	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000283	0	0.11620E-05	485743.0	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000284	0	0.11620E-05	485746.6	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000285	0	0.11620E-05	485750.3	3733680.0	451.2	0.00	1.70	0.85	YES	
L0000286	0	0.11620E-05	485754.0	3733680.1	451.2	0.00	1.70	0.85	YES	
L0000287	0	0.11620E-05	485757.6	3733680.1	451.2	0.00	1.70	0.85	YES	
L0000288	0	0.11620E-05	485761.3	3733680.1	451.3	0.00	1.70	0.85	YES	
L0000289	0	0.11620E-05	485764.9	3733680.2	451.3	0.00	1.70	0.85	YES	
L0000290	0	0.11620E-05	485768.6	3733680.2	451.4	0.00	1.70	0.85	YES	
L0000291	0	0.11620E-05	485772.2	3733680.2	451.4	0.00	1.70	0.85	YES	
L0000292	0	0.11620E-05	485775.9	3733680.3	451.4	0.00	1.70	0.85	YES	
L0000293	0	0.11620E-05	485779.6	3733680.3	451.5	0.00	1.70	0.85	YES	
L0000294	0	0.11620E-05	485783.2	3733680.3	451.5	0.00	1.70	0.85	YES	
L0000295	0	0.11620E-05	485786.9	3733680.4	451.6	0.00	1.70	0.85	YES	
L0000296	0	0.11620E-05	485790.5	3733680.4	451.6	0.00	1.70	0.85	YES	
L0000297	0	0.11620E-05	485794.2	3733680.4	451.7	0.00	1.70	0.85	YES	
L0000298	0	0.11620E-05	485797.9	3733680.5	451.7	0.00	1.70	0.85	YES	
L0000299	0	0.11620E-05	485801.5	3733680.5	451.7	0.00	1.70	0.85	YES	
L0000300	0	0.11620E-05	485805.2	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000301	0	0.11620E-05	485808.8	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000302	0	0.11620E-05	485812.5	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000303	0	0.11620E-05	485816.1	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000304	0	0.11620E-05	485819.8	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000305	0	0.11620E-05	485823.5	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000306	0	0.11620E-05	485827.1	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000307	0	0.11620E-05	485830.8	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000308	0	0.11620E-05	485834.4	3733680.8	451.9	0.00	1.70	0.85	YES	
L0000309	0	0.11620E-05	485838.1	3733680.8	451.9	0.00	1.70	0.85	YES	
L0000310	0	0.11620E-05	485841.7	3733680.8	452.0	0.00	1.70	0.85	YES	
L0000311	0	0.11620E-05	485845.4	3733680.9	452.0	0.00	1.70	0.85	YES	
L0000312	0	0.11620E-05	485849.1	3733680.9	452.0	0.00	1.70	0.85	YES	
L0000313	0	0.11620E-05	485852.7	3733680.9	452.1	0.00	1.70	0.85	YES	
L0000314	0	0.11620E-05	485856.4	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000315	0	0.11620E-05	485860.0	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000316	0	0.11620E-05	485863.7	3733681.0	452.2	0.00	1.70	0.85	YES	
L0000317	0	0.11620E-05	485867.3	3733681.1	452.2	0.00	1.70	0.85	YES	
L0000318	0	0.11620E-05	485871.0	3733681.1	452.2	0.00	1.70	0.85	YES	

```
L0000319         0   0.11620E-05  485874.7 3733681.1   452.2     0.00     1.70     0.85     YES
L0000320         0   0.11620E-05  485878.3 3733681.1   452.2     0.00     1.70     0.85     YES
```


*** VOLUME SOURCE DATA ***

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

L0000321         0   0.11620E-05  485882.0 3733681.2   452.2     0.00     1.70     0.85     YES
L0000322         0   0.11620E-05  485885.6 3733681.2   452.3     0.00     1.70     0.85     YES
L0000323         0   0.11620E-05  485889.3 3733681.2   452.3     0.00     1.70     0.85     YES
L0000324         0   0.11620E-05  485892.9 3733681.3   452.3     0.00     1.70     0.85     YES
L0000325         0   0.11620E-05  485896.6 3733681.3   452.4     0.00     1.70     0.85     YES
L0000326         0   0.11620E-05  485900.3 3733681.3   452.4     0.00     1.70     0.85     YES
L0000327         0   0.11620E-05  485903.9 3733681.4   452.5     0.00     1.70     0.85     YES
```


*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

 ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    , L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    , L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    , L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    , L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    , L0000063    , L0000064    ,
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L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,

L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,

L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,

L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,

L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,

L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,

L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,

L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,

L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,

L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,

L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,

L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,

L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,

L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,

L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , L0000278 , L0000279 , L0000280 ,

L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , L0000286 , L0000287 , L0000288 ,

L0000289 , L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 ,

L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 ,

L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 ,

L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000320 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 ,

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

URBAN ID	URBAN POP	SOURCE IDs

```
             2189641.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    ,
L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    , L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    , L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    , L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    , L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    , L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    , L0000126    , L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    , L0000159    , L0000160    ,
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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

           L0000161    , L0000162    , L0000163    , L0000164    , L0000165    , L0000166    , L0000167    , L0000168    ,
           L0000169    , L0000170    , L0000171    , L0000172    , L0000173    , L0000174    , L0000175    , L0000176    ,
           L0000177    , L0000178    , L0000179    , L0000180    , L0000181    , L0000182    , L0000183    , L0000184    ,
           L0000185    , L0000186    , L0000187    , L0000188    , L0000189    , L0000190    , L0000191    , L0000192    ,
           L0000193    , L0000194    , L0000195    , L0000196    , L0000197    , L0000198    , L0000199    , L0000200    ,
           L0000201    , L0000202    , L0000203    , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    ,
           L0000209    , L0000210    , L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    ,
           L0000217    , L0000218    , L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    ,
           L0000225    , L0000226    , L0000227    , L0000228    , L0000229    , L0000230    , L0000231    , L0000232    ,
           L0000233    , L0000234    , L0000235    , L0000236    , L0000237    , L0000238    , L0000239    , L0000240    ,
           L0000241    , L0000242    , L0000243    , L0000244    , L0000245    , L0000246    , L0000247    , L0000248    ,
           L0000249    , L0000250    , L0000251    , L0000252    , L0000253    , L0000254    , L0000255    , L0000256    ,
           L0000257    , L0000258    , L0000259    , L0000260    , L0000261    , L0000262    , L0000263    , L0000264    ,
           L0000265    , L0000266    , L0000267    , L0000268    , L0000269    , L0000270    , L0000271    , L0000272    ,
           L0000273    , L0000274    , L0000275    , L0000276    , L0000277    , L0000278    , L0000279    , L0000280    ,
           L0000281    , L0000282    , L0000283    , L0000284    , L0000285    , L0000286    , L0000287    , L0000288    ,
           L0000289    , L0000290    , L0000291    , L0000292    , L0000293    , L0000294    , L0000295    , L0000296    ,
           L0000297    , L0000298    , L0000299    , L0000300    , L0000301    , L0000302    , L0000303    , L0000304    ,
           L0000305    , L0000306    , L0000307    , L0000308    , L0000309    , L0000310    , L0000311    , L0000312    ,
           L0000313    , L0000314    , L0000315    , L0000316    , L0000317    , L0000318    , L0000319    , L0000320    ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 URBAN ID   URBAN POP                                   SOURCE IDs
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            L0000321    , L0000322    , L0000323    , L0000324    , L0000325    , L0000326    , L0000327    ,

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
*** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                     PAGE  17
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

      484830.9,  484880.9,  484930.9,  484980.9,  485030.9,  485080.9,  485130.9,  485180.9,  485230.9,  485280.9,
      485330.9,  485380.9,  485430.9,  485480.9,  485530.9,  485580.9,  485630.9,  485680.9,  485730.9,  485780.9,
      485830.9,

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

     3733366.5, 3733416.5, 3733466.5, 3733516.5, 3733566.5, 3733616.5, 3733666.5, 3733716.5, 3733766.5, 3733816.5,
     3733866.5, 3733916.5, 3733966.5, 3734016.5, 3734066.5, 3734116.5, 3734166.5, 3734216.5, 3734266.5, 3734316.5,
     3734366.5,

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
*** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                     PAGE  18
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                           * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     484830.89    484880.89    484930.89    484980.89    485030.89    485080.89    485130.89    485180.89    485230.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |        450.50       451.00       451.60       452.10       452.40       452.90       453.30       453.70       454.10
 3734316.49 |        450.20       450.70       451.30       451.80       452.30       452.60       453.00       453.30       453.70
 3734266.49 |        449.90       450.40       451.00       451.60       452.00       452.40       452.70       453.00       453.30
 3734216.49 |        449.50       450.00       450.60       451.20       451.70       452.10       452.40       452.70       452.90
 3734166.49 |        449.20       449.80       450.20       450.70       451.30       451.80       452.10       452.40       452.60
 3734116.49 |        448.80       449.30       449.80       450.20       450.80       451.30       451.80       452.10       452.30
 3734066.49 |        448.50       448.80       449.40       449.90       450.30       450.80       451.20       451.50       451.90
 3734016.49 |        448.00       448.50       448.90       449.40       449.80       450.30       450.60       451.00       451.20
 3733966.49 |        447.80       448.10       448.40       449.00       449.30       449.70       450.00       450.30       450.60
```

3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	450.50	451.00	451.60	452.10	452.40	452.90	453.30	453.70	454.10
3734316.49	450.20	450.70	451.30	451.80	452.30	452.60	453.00	453.30	453.70
3734266.49	449.90	450.40	451.00	451.60	452.00	452.40	452.70	453.00	453.30
3734216.49	449.50	450.00	450.60	451.20	451.70	452.10	452.40	452.70	452.90
3734166.49	449.20	449.80	450.20	450.70	451.30	451.80	452.10	452.40	452.60
3734116.49	448.80	449.30	449.80	450.20	450.80	451.30	451.80	452.10	452.30

3734066.49	448.50	448.80	449.40	449.90	450.30	450.80	451.20	451.50	451.90
3734016.49	448.00	448.50	448.90	449.40	449.80	450.30	450.60	451.00	451.20
3733966.49	447.80	448.10	448.40	449.00	449.30	449.70	450.00	450.30	450.60
3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

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

(484919.1, 3733818.8, 447.3, 447.3, 0.0); (485294.5, 3733822.3, 449.5, 449.5, 0.0);
(485518.2, 3733824.8, 450.9, 450.9, 0.0); (485103.3, 3733886.8, 448.9, 448.9, 0.0);

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

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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC Met Version: 16216
Profile file: E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5

10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	0.00082	0.00085	0.00088	0.00090	0.00092	0.00094	0.00096	0.00097	0.00097
3734316.49	0.00090	0.00094	0.00097	0.00100	0.00102	0.00104	0.00106	0.00107	0.00108
3734266.49	0.00100	0.00104	0.00107	0.00111	0.00114	0.00116	0.00118	0.00120	0.00121
3734216.49	0.00111	0.00116	0.00120	0.00124	0.00128	0.00130	0.00133	0.00135	0.00136
3734166.49	0.00124	0.00130	0.00136	0.00140	0.00144	0.00148	0.00151	0.00153	0.00154
3734116.49	0.00140	0.00148	0.00154	0.00160	0.00165	0.00169	0.00172	0.00175	0.00177
3734066.49	0.00161	0.00170	0.00178	0.00186	0.00192	0.00196	0.00200	0.00203	0.00205
3734016.49	0.00188	0.00199	0.00210	0.00218	0.00225	0.00231	0.00236	0.00239	0.00241
3733966.49	0.00223	0.00239	0.00251	0.00262	0.00271	0.00278	0.00283	0.00287	0.00290
3733916.49	0.00274	0.00294	0.00310	0.00323	0.00334	0.00342	0.00348	0.00353	0.00356

3733866.49	0.00351	0.00378	0.00399	0.00415	0.00428	0.00437	0.00445	0.00450	0.00454
3733816.49	0.00483	0.00520	0.00546	0.00566	0.00581	0.00593	0.00602	0.00608	0.00613
3733766.49	0.00753	0.00804	0.00839	0.00864	0.00882	0.00897	0.00909	0.00918	0.00925
3733716.49	0.01601	0.01676	0.01728	0.01767	0.01800	0.01827	0.01852	0.01875	0.01896
3733666.49	0.11275	0.10679	0.10125	0.09620	0.09161	0.08742	0.08362	0.08014	0.07690
3733616.49	0.01397	0.01447	0.01472	0.01486	0.01492	0.01493	0.01491	0.01487	0.01481
3733566.49	0.00733	0.00781	0.00810	0.00828	0.00840	0.00848	0.00852	0.00854	0.00855
3733516.49	0.00483	0.00523	0.00550	0.00567	0.00579	0.00588	0.00593	0.00597	0.00598
3733466.49	0.00354	0.00386	0.00409	0.00425	0.00436	0.00445	0.00450	0.00454	0.00456
3733416.49	0.00276	0.00301	0.00320	0.00335	0.00345	0.00353	0.00358	0.00362	0.00364
3733366.49	0.00225	0.00244	0.00260	0.00273	0.00282	0.00289	0.00295	0.00298	0.00300

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	0.00098	0.00098	0.00097	0.00097	0.00095	0.00094	0.00092	0.00089	0.00087
3734316.49	0.00108	0.00108	0.00108	0.00107	0.00106	0.00104	0.00102	0.00099	0.00096
3734266.49	0.00121	0.00121	0.00121	0.00120	0.00118	0.00116	0.00113	0.00110	0.00106
3734216.49	0.00136	0.00136	0.00136	0.00135	0.00133	0.00130	0.00127	0.00124	0.00119
3734166.49	0.00155	0.00155	0.00154	0.00153	0.00151	0.00148	0.00145	0.00141	0.00135
3734116.49	0.00178	0.00178	0.00177	0.00176	0.00173	0.00170	0.00166	0.00161	0.00155
3734066.49	0.00206	0.00206	0.00206	0.00204	0.00202	0.00198	0.00193	0.00187	0.00180
3734016.49	0.00243	0.00243	0.00242	0.00241	0.00238	0.00234	0.00228	0.00221	0.00213
3733966.49	0.00291	0.00292	0.00291	0.00289	0.00286	0.00281	0.00275	0.00267	0.00257
3733916.49	0.00358	0.00359	0.00358	0.00356	0.00353	0.00347	0.00340	0.00331	0.00319
3733866.49	0.00456	0.00457	0.00457	0.00455	0.00452	0.00446	0.00438	0.00428	0.00413
3733816.49	0.00617	0.00618	0.00619	0.00617	0.00614	0.00609	0.00601	0.00589	0.00573
3733766.49	0.00931	0.00935	0.00937	0.00938	0.00937	0.00933	0.00927	0.00916	0.00900
3733716.49	0.01916	0.01934	0.01951	0.01966	0.01979	0.01991	0.01999	0.02004	0.02002
3733666.49	0.07393	0.07115	0.06860	0.06619	0.06392	0.06178	0.05975	0.05777	0.05583
3733616.49	0.01474	0.01465	0.01454	0.01441	0.01427	0.01410	0.01391	0.01366	0.01335
3733566.49	0.00853	0.00850	0.00846	0.00840	0.00831	0.00821	0.00807	0.00790	0.00767
3733516.49	0.00598	0.00597	0.00594	0.00590	0.00583	0.00575	0.00564	0.00550	0.00531
3733466.49	0.00456	0.00456	0.00454	0.00450	0.00445	0.00438	0.00428	0.00416	0.00401
3733416.49	0.00365	0.00365	0.00363	0.00360	0.00355	0.00349	0.00341	0.00331	0.00319

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 3733366.49 |       0.00301      0.00301      0.00299      0.00297      0.00293      0.00288      0.00281      0.00273      0.00263

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
*** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                      PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     485730.89    485780.89    485830.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |       0.00083      0.00080      0.00076
 3734316.49 |       0.00092      0.00088      0.00084
 3734266.49 |       0.00102      0.00098      0.00093
 3734216.49 |       0.00114      0.00109      0.00103
 3734166.49 |       0.00129      0.00123      0.00116
 3734116.49 |       0.00148      0.00140      0.00131
 3734066.49 |       0.00172      0.00162      0.00151
 3734016.49 |       0.00202      0.00190      0.00176
 3733966.49 |       0.00244      0.00229      0.00210
 3733916.49 |       0.00303      0.00284      0.00259
 3733866.49 |       0.00394      0.00368      0.00334
 3733816.49 |       0.00550      0.00515      0.00464
 3733766.49 |       0.00873      0.00829      0.00752
 3733716.49 |       0.01989      0.01951      0.01852
 3733666.49 |       0.05389      0.05176      0.04900
 3733616.49 |       0.01294      0.01231      0.01124
 3733566.49 |       0.00736      0.00691      0.00625
 3733516.49 |       0.00507      0.00474      0.00432
 3733466.49 |       0.00382      0.00358      0.00329
 3733416.49 |       0.00304      0.00286      0.00266
 3733366.49 |       0.00251      0.00238      0.00222

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
*** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                      PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        484919.14    3733818.79        0.00532                     485294.54    3733822.32        0.00593
        485518.20    3733824.78        0.00576                     485103.33    3733886.78        0.00397

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
 *** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                        PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                                                                                                          NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.11275 AT (  484830.89,  3733666.49,   445.50,   445.50,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.10679 AT (  484880.89,  3733666.49,   446.00,   446.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.10125 AT (  484930.89,  3733666.49,   446.30,   446.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.09620 AT (  484980.89,  3733666.49,   446.60,   446.60,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.09161 AT (  485030.89,  3733666.49,   446.90,   446.90,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS       0.08742 AT (  485080.89,  3733666.49,   447.20,   447.20,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS       0.08362 AT (  485130.89,  3733666.49,   447.50,   447.50,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.08014 AT (  485180.89,  3733666.49,   447.80,   447.80,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS       0.07690 AT (  485230.89,  3733666.49,   447.90,   447.90,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.07393 AT (  485280.89,  3733666.49,   448.20,   448.20,    0.00)  GC  UCART1


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

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/20/19
 *** AERMET - VERSION  16216 ***   *** 2 YR Exposure 2024-25                                               ***        00:08:11
                                                                                                                        PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

```
A Total of            0 Fatal Error Message(s)
A Total of            4 Warning Message(s)
A Total of         2028 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          978 Calm Hours Identified

A Total of         1050 Missing Hours Identified (  2.40 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:      14010101
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:    2 year gap

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

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 6/21/2019
** File: C:\Lakes\AERMOD View\Menifee North Specific Plan 1st 14yr Exp\Menifee North Specific Plan 1st 14yr Exp.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Menifee North SP
   TITLETWO 14 YR Exposure 2026-39
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Menifee North Specific Plan 1st 14yr Exp.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 Traffic along SR-74
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 0.000302
** Elevated
** Vertical Dimension = 3.66
** SZINIT = 0.85
** Nodes = 2
** 484709.757, 3733671.152, 444.80, 0.00, 1.70
** 485905.837, 3733681.380, 452.45, 0.00, 1.70
```

```
** ---------------------------------------------------------------------
   LOCATION L0000001     VOLUME   484711.585 3733671.167 444.81
   LOCATION L0000002     VOLUME   484715.243 3733671.198 444.84
   LOCATION L0000003     VOLUME   484718.900 3733671.230 444.86
   LOCATION L0000004     VOLUME   484722.558 3733671.261 444.88
   LOCATION L0000005     VOLUME   484726.215 3733671.292 444.91
   LOCATION L0000006     VOLUME   484729.873 3733671.324 444.93
   LOCATION L0000007     VOLUME   484733.530 3733671.355 444.95
   LOCATION L0000008     VOLUME   484737.187 3733671.386 444.98
   LOCATION L0000009     VOLUME   484740.845 3733671.417 445.00
   LOCATION L0000010     VOLUME   484744.502 3733671.449 445.02
   LOCATION L0000011     VOLUME   484748.160 3733671.480 445.05
   LOCATION L0000012     VOLUME   484751.817 3733671.511 445.07
   LOCATION L0000013     VOLUME   484755.475 3733671.543 445.09
   LOCATION L0000014     VOLUME   484759.132 3733671.574 445.12
   LOCATION L0000015     VOLUME   484762.790 3733671.605 445.14
   LOCATION L0000016     VOLUME   484766.447 3733671.636 445.16
   LOCATION L0000017     VOLUME   484770.105 3733671.668 445.19
   LOCATION L0000018     VOLUME   484773.762 3733671.699 445.21
   LOCATION L0000019     VOLUME   484777.420 3733671.730 445.23
   LOCATION L0000020     VOLUME   484781.077 3733671.761 445.26
   LOCATION L0000021     VOLUME   484784.735 3733671.793 445.28
   LOCATION L0000022     VOLUME   484788.392 3733671.824 445.30
   LOCATION L0000023     VOLUME   484792.049 3733671.855 445.33
   LOCATION L0000024     VOLUME   484795.707 3733671.887 445.35
   LOCATION L0000025     VOLUME   484799.364 3733671.918 445.37
   LOCATION L0000026     VOLUME   484803.022 3733671.949 445.40
   LOCATION L0000027     VOLUME   484806.679 3733671.980 445.42
   LOCATION L0000028     VOLUME   484810.337 3733672.012 445.44
   LOCATION L0000029     VOLUME   484813.994 3733672.043 445.47
   LOCATION L0000030     VOLUME   484817.652 3733672.074 445.49
   LOCATION L0000031     VOLUME   484821.309 3733672.106 445.51
   LOCATION L0000032     VOLUME   484824.967 3733672.137 445.54
   LOCATION L0000033     VOLUME   484828.624 3733672.168 445.56
   LOCATION L0000034     VOLUME   484832.282 3733672.199 445.58
   LOCATION L0000035     VOLUME   484835.939 3733672.231 445.61
   LOCATION L0000036     VOLUME   484839.597 3733672.262 445.63
   LOCATION L0000037     VOLUME   484843.254 3733672.293 445.65
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   LOCATION L0000041     VOLUME   484857.884 3733672.418 445.75
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   LOCATION L0000043     VOLUME   484865.199 3733672.481 445.79
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   LOCATION L0000045     VOLUME   484872.514 3733672.543 445.84
   LOCATION L0000046     VOLUME   484876.171 3733672.575 445.86
   LOCATION L0000047     VOLUME   484879.829 3733672.606 445.89
   LOCATION L0000048     VOLUME   484883.486 3733672.637 445.91
   LOCATION L0000049     VOLUME   484887.144 3733672.669 445.93
   LOCATION L0000050     VOLUME   484890.801 3733672.700 445.96
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LOCATION	L0000052	VOLUME	484898.116	3733672.762	446.00
LOCATION	L0000053	VOLUME	484901.773	3733672.794	446.03
LOCATION	L0000054	VOLUME	484905.431	3733672.825	446.05
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LOCATION	L0000066	VOLUME	484949.321	3733673.200	446.33
LOCATION	L0000067	VOLUME	484952.978	3733673.231	446.36
LOCATION	L0000068	VOLUME	484956.635	3733673.263	446.38
LOCATION	L0000069	VOLUME	484960.293	3733673.294	446.40
LOCATION	L0000070	VOLUME	484963.950	3733673.325	446.43
LOCATION	L0000071	VOLUME	484967.608	3733673.357	446.45
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LOCATION	L0000076	VOLUME	484985.895	3733673.513	446.57
LOCATION	L0000077	VOLUME	484989.553	3733673.544	446.59
LOCATION	L0000078	VOLUME	484993.210	3733673.576	446.61
LOCATION	L0000079	VOLUME	484996.868	3733673.607	446.64
LOCATION	L0000080	VOLUME	485000.525	3733673.638	446.66
LOCATION	L0000081	VOLUME	485004.183	3733673.669	446.68
LOCATION	L0000082	VOLUME	485007.840	3733673.701	446.71
LOCATION	L0000083	VOLUME	485011.497	3733673.732	446.73
LOCATION	L0000084	VOLUME	485015.155	3733673.763	446.75
LOCATION	L0000085	VOLUME	485018.812	3733673.794	446.78
LOCATION	L0000086	VOLUME	485022.470	3733673.826	446.80
LOCATION	L0000087	VOLUME	485026.127	3733673.857	446.82
LOCATION	L0000088	VOLUME	485029.785	3733673.888	446.85
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LOCATION	L0000093	VOLUME	485048.072	3733674.045	446.96
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LOCATION	L0000095	VOLUME	485055.387	3733674.107	447.01
LOCATION	L0000096	VOLUME	485059.045	3733674.139	447.03
LOCATION	L0000097	VOLUME	485062.702	3733674.170	447.06
LOCATION	L0000098	VOLUME	485066.359	3733674.201	447.08
LOCATION	L0000099	VOLUME	485070.017	3733674.232	447.10
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LOCATION	L0000102	VOLUME	485080.989	3733674.326	447.17
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LOCATION	L0000105	VOLUME	485091.962	3733674.420	447.24
LOCATION	L0000106	VOLUME	485095.619	3733674.451	447.27
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LOCATION	L0000112	VOLUME	485117.564	3733674.639	447.41
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LOCATION	L0000114	VOLUME	485124.879	3733674.702	447.46
LOCATION	L0000115	VOLUME	485128.536	3733674.733	447.48
LOCATION	L0000116	VOLUME	485132.194	3733674.764	447.50
LOCATION	L0000117	VOLUME	485135.851	3733674.795	447.53
LOCATION	L0000118	VOLUME	485139.509	3733674.827	447.55
LOCATION	L0000119	VOLUME	485143.166	3733674.858	447.57
LOCATION	L0000120	VOLUME	485146.824	3733674.889	447.60
LOCATION	L0000121	VOLUME	485150.481	3733674.920	447.62
LOCATION	L0000122	VOLUME	485154.139	3733674.952	447.64
LOCATION	L0000123	VOLUME	485157.796	3733674.983	447.67
LOCATION	L0000124	VOLUME	485161.454	3733675.014	447.69
LOCATION	L0000125	VOLUME	485165.111	3733675.046	447.71
LOCATION	L0000126	VOLUME	485168.769	3733675.077	447.74
LOCATION	L0000127	VOLUME	485172.426	3733675.108	447.76
LOCATION	L0000128	VOLUME	485176.083	3733675.139	447.78
LOCATION	L0000129	VOLUME	485179.741	3733675.171	447.81
LOCATION	L0000130	VOLUME	485183.398	3733675.202	447.83
LOCATION	L0000131	VOLUME	485187.056	3733675.233	447.85
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LOCATION	L0000141	VOLUME	485223.631	3733675.546	448.09
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LOCATION	L0000144	VOLUME	485234.603	3733675.640	448.16
LOCATION	L0000145	VOLUME	485238.260	3733675.671	448.18
LOCATION	L0000146	VOLUME	485241.918	3733675.702	448.20
LOCATION	L0000147	VOLUME	485245.575	3733675.734	448.23
LOCATION	L0000148	VOLUME	485249.233	3733675.765	448.25
LOCATION	L0000149	VOLUME	485252.890	3733675.796	448.27
LOCATION	L0000150	VOLUME	485256.548	3733675.827	448.30
LOCATION	L0000151	VOLUME	485260.205	3733675.859	448.32
LOCATION	L0000152	VOLUME	485263.863	3733675.890	448.34

LOCATION	L0000153	VOLUME	485267.520	3733675.921	448.37
LOCATION	L0000154	VOLUME	485271.178	3733675.953	448.39
LOCATION	L0000155	VOLUME	485274.835	3733675.984	448.41
LOCATION	L0000156	VOLUME	485278.493	3733676.015	448.44
LOCATION	L0000157	VOLUME	485282.150	3733676.046	448.46
LOCATION	L0000158	VOLUME	485285.807	3733676.078	448.48
LOCATION	L0000159	VOLUME	485289.465	3733676.109	448.51
LOCATION	L0000160	VOLUME	485293.122	3733676.140	448.53
LOCATION	L0000161	VOLUME	485296.780	3733676.172	448.55
LOCATION	L0000162	VOLUME	485300.437	3733676.203	448.58
LOCATION	L0000163	VOLUME	485304.095	3733676.234	448.60
LOCATION	L0000164	VOLUME	485307.752	3733676.265	448.62
LOCATION	L0000165	VOLUME	485311.410	3733676.297	448.65
LOCATION	L0000166	VOLUME	485315.067	3733676.328	448.67
LOCATION	L0000167	VOLUME	485318.725	3733676.359	448.69
LOCATION	L0000168	VOLUME	485322.382	3733676.390	448.72
LOCATION	L0000169	VOLUME	485326.040	3733676.422	448.74
LOCATION	L0000170	VOLUME	485329.697	3733676.453	448.77
LOCATION	L0000171	VOLUME	485333.355	3733676.484	448.79
LOCATION	L0000172	VOLUME	485337.012	3733676.516	448.81
LOCATION	L0000173	VOLUME	485340.669	3733676.547	448.84
LOCATION	L0000174	VOLUME	485344.327	3733676.578	448.86
LOCATION	L0000175	VOLUME	485347.984	3733676.609	448.88
LOCATION	L0000176	VOLUME	485351.642	3733676.641	448.91
LOCATION	L0000177	VOLUME	485355.299	3733676.672	448.93
LOCATION	L0000178	VOLUME	485358.957	3733676.703	448.95
LOCATION	L0000179	VOLUME	485362.614	3733676.735	448.98
LOCATION	L0000180	VOLUME	485366.272	3733676.766	449.00
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LOCATION	L0000203	VOLUME	485450.393	3733677.485	449.54

LOCATION	L0000204	VOLUME	485454.051	3733677.516	449.56
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SRCPARAM	L0000281	0.0000009235	0.00	1.70	0.85

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   SRCPARAM L0000307     0.0000009235      0.00      1.70      0.85
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   SRCPARAM L0000309     0.0000009235      0.00      1.70      0.85
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   SRCPARAM L0000312     0.0000009235      0.00      1.70      0.85
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   SRCPARAM L0000320     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000321     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000322     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000323     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000324     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000325     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000326     0.0000009235      0.00      1.70      0.85
   SRCPARAM L0000327     0.0000009235      0.00      1.70      0.85
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
```

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****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Menifee North Specific Plan 1st 14yr Exp.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC"
   PROFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL"
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "MENIFEE NORTH SPECIFIC PLAN 1ST 14YR EXP.AD\PE00GALL.PLT" 31
   SUMMFILE "Menifee North Specific Plan 1st 14yr Exp.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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


*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                      PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

```
                and:      0 LINE source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.7 MB of RAM.

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

**Detailed Error/Message File:   Menifee North Specific Plan 1st 14yr Exp.err
**File for Summary of Results:   Menifee North Specific Plan 1st 14yr Exp.sum

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                     PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
- - - -
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L0000009	0	0.92350E-06	484740.8	3733671.4	445.0	0.00	1.70	0.85	YES
L0000010	0	0.92350E-06	484744.5	3733671.4	445.0	0.00	1.70	0.85	YES
L0000011	0	0.92350E-06	484748.2	3733671.5	445.1	0.00	1.70	0.85	YES
L0000012	0	0.92350E-06	484751.8	3733671.5	445.1	0.00	1.70	0.85	YES
L0000013	0	0.92350E-06	484755.5	3733671.5	445.1	0.00	1.70	0.85	YES
L0000014	0	0.92350E-06	484759.1	3733671.6	445.1	0.00	1.70	0.85	YES
L0000015	0	0.92350E-06	484762.8	3733671.6	445.1	0.00	1.70	0.85	YES
L0000016	0	0.92350E-06	484766.4	3733671.6	445.2	0.00	1.70	0.85	YES
L0000017	0	0.92350E-06	484770.1	3733671.7	445.2	0.00	1.70	0.85	YES
L0000018	0	0.92350E-06	484773.8	3733671.7	445.2	0.00	1.70	0.85	YES
L0000019	0	0.92350E-06	484777.4	3733671.7	445.2	0.00	1.70	0.85	YES
L0000020	0	0.92350E-06	484781.1	3733671.8	445.3	0.00	1.70	0.85	YES
L0000021	0	0.92350E-06	484784.7	3733671.8	445.3	0.00	1.70	0.85	YES
L0000022	0	0.92350E-06	484788.4	3733671.8	445.3	0.00	1.70	0.85	YES
L0000023	0	0.92350E-06	484792.0	3733671.9	445.3	0.00	1.70	0.85	YES
L0000024	0	0.92350E-06	484795.7	3733671.9	445.4	0.00	1.70	0.85	YES
L0000025	0	0.92350E-06	484799.4	3733671.9	445.4	0.00	1.70	0.85	YES
L0000026	0	0.92350E-06	484803.0	3733671.9	445.4	0.00	1.70	0.85	YES
L0000027	0	0.92350E-06	484806.7	3733672.0	445.4	0.00	1.70	0.85	YES
L0000028	0	0.92350E-06	484810.3	3733672.0	445.4	0.00	1.70	0.85	YES
L0000029	0	0.92350E-06	484814.0	3733672.0	445.5	0.00	1.70	0.85	YES
L0000030	0	0.92350E-06	484817.7	3733672.1	445.5	0.00	1.70	0.85	YES
L0000031	0	0.92350E-06	484821.3	3733672.1	445.5	0.00	1.70	0.85	YES
L0000032	0	0.92350E-06	484825.0	3733672.1	445.5	0.00	1.70	0.85	YES
L0000033	0	0.92350E-06	484828.6	3733672.2	445.6	0.00	1.70	0.85	YES
L0000034	0	0.92350E-06	484832.3	3733672.2	445.6	0.00	1.70	0.85	YES
L0000035	0	0.92350E-06	484835.9	3733672.2	445.6	0.00	1.70	0.85	YES
L0000036	0	0.92350E-06	484839.6	3733672.3	445.6	0.00	1.70	0.85	YES
L0000037	0	0.92350E-06	484843.3	3733672.3	445.7	0.00	1.70	0.85	YES
L0000038	0	0.92350E-06	484846.9	3733672.3	445.7	0.00	1.70	0.85	YES
L0000039	0	0.92350E-06	484850.6	3733672.4	445.7	0.00	1.70	0.85	YES
L0000040	0	0.92350E-06	484854.2	3733672.4	445.7	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.92350E-06	484857.9	3733672.4	445.8	0.00	1.70	0.85	YES	
L0000042	0	0.92350E-06	484861.5	3733672.4	445.8	0.00	1.70	0.85	YES	
L0000043	0	0.92350E-06	484865.2	3733672.5	445.8	0.00	1.70	0.85	YES	
L0000044	0	0.92350E-06	484868.9	3733672.5	445.8	0.00	1.70	0.85	YES	
L0000045	0	0.92350E-06	484872.5	3733672.5	445.8	0.00	1.70	0.85	YES	

L0000046	0	0.92350E-06	484876.2	3733672.6	445.9	0.00	1.70	0.85	YES	
L0000047	0	0.92350E-06	484879.8	3733672.6	445.9	0.00	1.70	0.85	YES	
L0000048	0	0.92350E-06	484883.5	3733672.6	445.9	0.00	1.70	0.85	YES	
L0000049	0	0.92350E-06	484887.1	3733672.7	445.9	0.00	1.70	0.85	YES	
L0000050	0	0.92350E-06	484890.8	3733672.7	446.0	0.00	1.70	0.85	YES	
L0000051	0	0.92350E-06	484894.5	3733672.7	446.0	0.00	1.70	0.85	YES	
L0000052	0	0.92350E-06	484898.1	3733672.8	446.0	0.00	1.70	0.85	YES	
L0000053	0	0.92350E-06	484901.8	3733672.8	446.0	0.00	1.70	0.85	YES	
L0000054	0	0.92350E-06	484905.4	3733672.8	446.1	0.00	1.70	0.85	YES	
L0000055	0	0.92350E-06	484909.1	3733672.9	446.1	0.00	1.70	0.85	YES	
L0000056	0	0.92350E-06	484912.7	3733672.9	446.1	0.00	1.70	0.85	YES	
L0000057	0	0.92350E-06	484916.4	3733672.9	446.1	0.00	1.70	0.85	YES	
L0000058	0	0.92350E-06	484920.1	3733672.9	446.2	0.00	1.70	0.85	YES	
L0000059	0	0.92350E-06	484923.7	3733673.0	446.2	0.00	1.70	0.85	YES	
L0000060	0	0.92350E-06	484927.4	3733673.0	446.2	0.00	1.70	0.85	YES	
L0000061	0	0.92350E-06	484931.0	3733673.0	446.2	0.00	1.70	0.85	YES	
L0000062	0	0.92350E-06	484934.7	3733673.1	446.2	0.00	1.70	0.85	YES	
L0000063	0	0.92350E-06	484938.3	3733673.1	446.3	0.00	1.70	0.85	YES	
L0000064	0	0.92350E-06	484942.0	3733673.1	446.3	0.00	1.70	0.85	YES	
L0000065	0	0.92350E-06	484945.7	3733673.2	446.3	0.00	1.70	0.85	YES	
L0000066	0	0.92350E-06	484949.3	3733673.2	446.3	0.00	1.70	0.85	YES	
L0000067	0	0.92350E-06	484953.0	3733673.2	446.4	0.00	1.70	0.85	YES	
L0000068	0	0.92350E-06	484956.6	3733673.3	446.4	0.00	1.70	0.85	YES	
L0000069	0	0.92350E-06	484960.3	3733673.3	446.4	0.00	1.70	0.85	YES	
L0000070	0	0.92350E-06	484964.0	3733673.3	446.4	0.00	1.70	0.85	YES	
L0000071	0	0.92350E-06	484967.6	3733673.4	446.4	0.00	1.70	0.85	YES	
L0000072	0	0.92350E-06	484971.3	3733673.4	446.5	0.00	1.70	0.85	YES	
L0000073	0	0.92350E-06	484974.9	3733673.4	446.5	0.00	1.70	0.85	YES	
L0000074	0	0.92350E-06	484978.6	3733673.4	446.5	0.00	1.70	0.85	YES	
L0000075	0	0.92350E-06	484982.2	3733673.5	446.5	0.00	1.70	0.85	YES	
L0000076	0	0.92350E-06	484985.9	3733673.5	446.6	0.00	1.70	0.85	YES	
L0000077	0	0.92350E-06	484989.6	3733673.5	446.6	0.00	1.70	0.85	YES	
L0000078	0	0.92350E-06	484993.2	3733673.6	446.6	0.00	1.70	0.85	YES	
L0000079	0	0.92350E-06	484996.9	3733673.6	446.6	0.00	1.70	0.85	YES	
L0000080	0	0.92350E-06	485000.5	3733673.6	446.7	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.92350E-06	485004.2	3733673.7	446.7	0.00	1.70	0.85	YES	
L0000082	0	0.92350E-06	485007.8	3733673.7	446.7	0.00	1.70	0.85	YES	

L0000083	0	0.92350E-06	485011.5	3733673.7	446.7	0.00	1.70	0.85	YES
L0000084	0	0.92350E-06	485015.2	3733673.8	446.8	0.00	1.70	0.85	YES
L0000085	0	0.92350E-06	485018.8	3733673.8	446.8	0.00	1.70	0.85	YES
L0000086	0	0.92350E-06	485022.5	3733673.8	446.8	0.00	1.70	0.85	YES
L0000087	0	0.92350E-06	485026.1	3733673.9	446.8	0.00	1.70	0.85	YES
L0000088	0	0.92350E-06	485029.8	3733673.9	446.9	0.00	1.70	0.85	YES
L0000089	0	0.92350E-06	485033.4	3733673.9	446.9	0.00	1.70	0.85	YES
L0000090	0	0.92350E-06	485037.1	3733674.0	446.9	0.00	1.70	0.85	YES
L0000091	0	0.92350E-06	485040.8	3733674.0	446.9	0.00	1.70	0.85	YES
L0000092	0	0.92350E-06	485044.4	3733674.0	446.9	0.00	1.70	0.85	YES
L0000093	0	0.92350E-06	485048.1	3733674.0	447.0	0.00	1.70	0.85	YES
L0000094	0	0.92350E-06	485051.7	3733674.1	447.0	0.00	1.70	0.85	YES
L0000095	0	0.92350E-06	485055.4	3733674.1	447.0	0.00	1.70	0.85	YES
L0000096	0	0.92350E-06	485059.0	3733674.1	447.0	0.00	1.70	0.85	YES
L0000097	0	0.92350E-06	485062.7	3733674.2	447.1	0.00	1.70	0.85	YES
L0000098	0	0.92350E-06	485066.4	3733674.2	447.1	0.00	1.70	0.85	YES
L0000099	0	0.92350E-06	485070.0	3733674.2	447.1	0.00	1.70	0.85	YES
L0000100	0	0.92350E-06	485073.7	3733674.3	447.1	0.00	1.70	0.85	YES
L0000101	0	0.92350E-06	485077.3	3733674.3	447.2	0.00	1.70	0.85	YES
L0000102	0	0.92350E-06	485081.0	3733674.3	447.2	0.00	1.70	0.85	YES
L0000103	0	0.92350E-06	485084.6	3733674.4	447.2	0.00	1.70	0.85	YES
L0000104	0	0.92350E-06	485088.3	3733674.4	447.2	0.00	1.70	0.85	YES
L0000105	0	0.92350E-06	485092.0	3733674.4	447.2	0.00	1.70	0.85	YES
L0000106	0	0.92350E-06	485095.6	3733674.5	447.3	0.00	1.70	0.85	YES
L0000107	0	0.92350E-06	485099.3	3733674.5	447.3	0.00	1.70	0.85	YES
L0000108	0	0.92350E-06	485102.9	3733674.5	447.3	0.00	1.70	0.85	YES
L0000109	0	0.92350E-06	485106.6	3733674.5	447.3	0.00	1.70	0.85	YES
L0000110	0	0.92350E-06	485110.2	3733674.6	447.4	0.00	1.70	0.85	YES
L0000111	0	0.92350E-06	485113.9	3733674.6	447.4	0.00	1.70	0.85	YES
L0000112	0	0.92350E-06	485117.6	3733674.6	447.4	0.00	1.70	0.85	YES
L0000113	0	0.92350E-06	485121.2	3733674.7	447.4	0.00	1.70	0.85	YES
L0000114	0	0.92350E-06	485124.9	3733674.7	447.5	0.00	1.70	0.85	YES
L0000115	0	0.92350E-06	485128.5	3733674.7	447.5	0.00	1.70	0.85	YES
L0000116	0	0.92350E-06	485132.2	3733674.8	447.5	0.00	1.70	0.85	YES
L0000117	0	0.92350E-06	485135.9	3733674.8	447.5	0.00	1.70	0.85	YES
L0000118	0	0.92350E-06	485139.5	3733674.8	447.6	0.00	1.70	0.85	YES
L0000119	0	0.92350E-06	485143.2	3733674.9	447.6	0.00	1.70	0.85	YES
L0000120	0	0.92350E-06	485146.8	3733674.9	447.6	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000121	0	0.92350E-06	485150.5	3733674.9	447.6	0.00	1.70	0.85	YES
L0000122	0	0.92350E-06	485154.1	3733675.0	447.6	0.00	1.70	0.85	YES
L0000123	0	0.92350E-06	485157.8	3733675.0	447.7	0.00	1.70	0.85	YES
L0000124	0	0.92350E-06	485161.5	3733675.0	447.7	0.00	1.70	0.85	YES
L0000125	0	0.92350E-06	485165.1	3733675.0	447.7	0.00	1.70	0.85	YES
L0000126	0	0.92350E-06	485168.8	3733675.1	447.7	0.00	1.70	0.85	YES
L0000127	0	0.92350E-06	485172.4	3733675.1	447.8	0.00	1.70	0.85	YES
L0000128	0	0.92350E-06	485176.1	3733675.1	447.8	0.00	1.70	0.85	YES
L0000129	0	0.92350E-06	485179.7	3733675.2	447.8	0.00	1.70	0.85	YES
L0000130	0	0.92350E-06	485183.4	3733675.2	447.8	0.00	1.70	0.85	YES
L0000131	0	0.92350E-06	485187.1	3733675.2	447.9	0.00	1.70	0.85	YES
L0000132	0	0.92350E-06	485190.7	3733675.3	447.9	0.00	1.70	0.85	YES
L0000133	0	0.92350E-06	485194.4	3733675.3	447.9	0.00	1.70	0.85	YES
L0000134	0	0.92350E-06	485198.0	3733675.3	447.9	0.00	1.70	0.85	YES
L0000135	0	0.92350E-06	485201.7	3733675.4	447.9	0.00	1.70	0.85	YES
L0000136	0	0.92350E-06	485205.3	3733675.4	448.0	0.00	1.70	0.85	YES
L0000137	0	0.92350E-06	485209.0	3733675.4	448.0	0.00	1.70	0.85	YES
L0000138	0	0.92350E-06	485212.7	3733675.5	448.0	0.00	1.70	0.85	YES
L0000139	0	0.92350E-06	485216.3	3733675.5	448.0	0.00	1.70	0.85	YES
L0000140	0	0.92350E-06	485220.0	3733675.5	448.1	0.00	1.70	0.85	YES
L0000141	0	0.92350E-06	485223.6	3733675.5	448.1	0.00	1.70	0.85	YES
L0000142	0	0.92350E-06	485227.3	3733675.6	448.1	0.00	1.70	0.85	YES
L0000143	0	0.92350E-06	485230.9	3733675.6	448.1	0.00	1.70	0.85	YES
L0000144	0	0.92350E-06	485234.6	3733675.6	448.2	0.00	1.70	0.85	YES
L0000145	0	0.92350E-06	485238.3	3733675.7	448.2	0.00	1.70	0.85	YES
L0000146	0	0.92350E-06	485241.9	3733675.7	448.2	0.00	1.70	0.85	YES
L0000147	0	0.92350E-06	485245.6	3733675.7	448.2	0.00	1.70	0.85	YES
L0000148	0	0.92350E-06	485249.2	3733675.8	448.2	0.00	1.70	0.85	YES
L0000149	0	0.92350E-06	485252.9	3733675.8	448.3	0.00	1.70	0.85	YES
L0000150	0	0.92350E-06	485256.5	3733675.8	448.3	0.00	1.70	0.85	YES
L0000151	0	0.92350E-06	485260.2	3733675.9	448.3	0.00	1.70	0.85	YES
L0000152	0	0.92350E-06	485263.9	3733675.9	448.3	0.00	1.70	0.85	YES
L0000153	0	0.92350E-06	485267.5	3733675.9	448.4	0.00	1.70	0.85	YES
L0000154	0	0.92350E-06	485271.2	3733676.0	448.4	0.00	1.70	0.85	YES
L0000155	0	0.92350E-06	485274.8	3733676.0	448.4	0.00	1.70	0.85	YES
L0000156	0	0.92350E-06	485278.5	3733676.0	448.4	0.00	1.70	0.85	YES
L0000157	0	0.92350E-06	485282.1	3733676.0	448.5	0.00	1.70	0.85	YES
L0000158	0	0.92350E-06	485285.8	3733676.1	448.5	0.00	1.70	0.85	YES
L0000159	0	0.92350E-06	485289.5	3733676.1	448.5	0.00	1.70	0.85	YES
L0000160	0	0.92350E-06	485293.1	3733676.1	448.5	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0000161	0	0.92350E-06	485296.8	3733676.2	448.6	0.00	1.70	0.85	YES
L0000162	0	0.92350E-06	485300.4	3733676.2	448.6	0.00	1.70	0.85	YES
L0000163	0	0.92350E-06	485304.1	3733676.2	448.6	0.00	1.70	0.85	YES
L0000164	0	0.92350E-06	485307.8	3733676.3	448.6	0.00	1.70	0.85	YES
L0000165	0	0.92350E-06	485311.4	3733676.3	448.7	0.00	1.70	0.85	YES
L0000166	0	0.92350E-06	485315.1	3733676.3	448.7	0.00	1.70	0.85	YES
L0000167	0	0.92350E-06	485318.7	3733676.4	448.7	0.00	1.70	0.85	YES
L0000168	0	0.92350E-06	485322.4	3733676.4	448.7	0.00	1.70	0.85	YES
L0000169	0	0.92350E-06	485326.0	3733676.4	448.7	0.00	1.70	0.85	YES
L0000170	0	0.92350E-06	485329.7	3733676.5	448.8	0.00	1.70	0.85	YES
L0000171	0	0.92350E-06	485333.4	3733676.5	448.8	0.00	1.70	0.85	YES
L0000172	0	0.92350E-06	485337.0	3733676.5	448.8	0.00	1.70	0.85	YES
L0000173	0	0.92350E-06	485340.7	3733676.5	448.8	0.00	1.70	0.85	YES
L0000174	0	0.92350E-06	485344.3	3733676.6	448.9	0.00	1.70	0.85	YES
L0000175	0	0.92350E-06	485348.0	3733676.6	448.9	0.00	1.70	0.85	YES
L0000176	0	0.92350E-06	485351.6	3733676.6	448.9	0.00	1.70	0.85	YES
L0000177	0	0.92350E-06	485355.3	3733676.7	448.9	0.00	1.70	0.85	YES
L0000178	0	0.92350E-06	485359.0	3733676.7	448.9	0.00	1.70	0.85	YES
L0000179	0	0.92350E-06	485362.6	3733676.7	449.0	0.00	1.70	0.85	YES
L0000180	0	0.92350E-06	485366.3	3733676.8	449.0	0.00	1.70	0.85	YES
L0000181	0	0.92350E-06	485369.9	3733676.8	449.0	0.00	1.70	0.85	YES
L0000182	0	0.92350E-06	485373.6	3733676.8	449.1	0.00	1.70	0.85	YES
L0000183	0	0.92350E-06	485377.2	3733676.9	449.1	0.00	1.70	0.85	YES
L0000184	0	0.92350E-06	485380.9	3733676.9	449.1	0.00	1.70	0.85	YES
L0000185	0	0.92350E-06	485384.6	3733676.9	449.1	0.00	1.70	0.85	YES
L0000186	0	0.92350E-06	485388.2	3733677.0	449.1	0.00	1.70	0.85	YES
L0000187	0	0.92350E-06	485391.9	3733677.0	449.2	0.00	1.70	0.85	YES
L0000188	0	0.92350E-06	485395.5	3733677.0	449.2	0.00	1.70	0.85	YES
L0000189	0	0.92350E-06	485399.2	3733677.0	449.2	0.00	1.70	0.85	YES
L0000190	0	0.92350E-06	485402.8	3733677.1	449.2	0.00	1.70	0.85	YES
L0000191	0	0.92350E-06	485406.5	3733677.1	449.3	0.00	1.70	0.85	YES
L0000192	0	0.92350E-06	485410.2	3733677.1	449.3	0.00	1.70	0.85	YES
L0000193	0	0.92350E-06	485413.8	3733677.2	449.3	0.00	1.70	0.85	YES
L0000194	0	0.92350E-06	485417.5	3733677.2	449.3	0.00	1.70	0.85	YES
L0000195	0	0.92350E-06	485421.1	3733677.2	449.4	0.00	1.70	0.85	YES
L0000196	0	0.92350E-06	485424.8	3733677.3	449.4	0.00	1.70	0.85	YES
L0000197	0	0.92350E-06	485428.4	3733677.3	449.4	0.00	1.70	0.85	YES
L0000198	0	0.92350E-06	485432.1	3733677.3	449.4	0.00	1.70	0.85	YES
L0000199	0	0.92350E-06	485435.8	3733677.4	449.4	0.00	1.70	0.85	YES
L0000200	0	0.92350E-06	485439.4	3733677.4	449.5	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000201	0	0.92350E-06	485443.1	3733677.4	449.5	0.00	1.70	0.85	YES	
L0000202	0	0.92350E-06	485446.7	3733677.5	449.5	0.00	1.70	0.85	YES	
L0000203	0	0.92350E-06	485450.4	3733677.5	449.5	0.00	1.70	0.85	YES	
L0000204	0	0.92350E-06	485454.1	3733677.5	449.6	0.00	1.70	0.85	YES	
L0000205	0	0.92350E-06	485457.7	3733677.5	449.6	0.00	1.70	0.85	YES	
L0000206	0	0.92350E-06	485461.4	3733677.6	449.6	0.00	1.70	0.85	YES	
L0000207	0	0.92350E-06	485465.0	3733677.6	449.6	0.00	1.70	0.85	YES	
L0000208	0	0.92350E-06	485468.7	3733677.6	449.7	0.00	1.70	0.85	YES	
L0000209	0	0.92350E-06	485472.3	3733677.7	449.7	0.00	1.70	0.85	YES	
L0000210	0	0.92350E-06	485476.0	3733677.7	449.7	0.00	1.70	0.85	YES	
L0000211	0	0.92350E-06	485479.7	3733677.7	449.7	0.00	1.70	0.85	YES	
L0000212	0	0.92350E-06	485483.3	3733677.8	449.8	0.00	1.70	0.85	YES	
L0000213	0	0.92350E-06	485487.0	3733677.8	449.8	0.00	1.70	0.85	YES	
L0000214	0	0.92350E-06	485490.6	3733677.8	449.8	0.00	1.70	0.85	YES	
L0000215	0	0.92350E-06	485494.3	3733677.9	449.8	0.00	1.70	0.85	YES	
L0000216	0	0.92350E-06	485497.9	3733677.9	449.8	0.00	1.70	0.85	YES	
L0000217	0	0.92350E-06	485501.6	3733677.9	449.9	0.00	1.70	0.85	YES	
L0000218	0	0.92350E-06	485505.3	3733678.0	449.9	0.00	1.70	0.85	YES	
L0000219	0	0.92350E-06	485508.9	3733678.0	449.9	0.00	1.70	0.85	YES	
L0000220	0	0.92350E-06	485512.6	3733678.0	449.9	0.00	1.70	0.85	YES	
L0000221	0	0.92350E-06	485516.2	3733678.0	450.0	0.00	1.70	0.85	YES	
L0000222	0	0.92350E-06	485519.9	3733678.1	450.0	0.00	1.70	0.85	YES	
L0000223	0	0.92350E-06	485523.5	3733678.1	450.0	0.00	1.70	0.85	YES	
L0000224	0	0.92350E-06	485527.2	3733678.1	450.0	0.00	1.70	0.85	YES	
L0000225	0	0.92350E-06	485530.9	3733678.2	450.1	0.00	1.70	0.85	YES	
L0000226	0	0.92350E-06	485534.5	3733678.2	450.1	0.00	1.70	0.85	YES	
L0000227	0	0.92350E-06	485538.2	3733678.2	450.1	0.00	1.70	0.85	YES	
L0000228	0	0.92350E-06	485541.8	3733678.3	450.1	0.00	1.70	0.85	YES	
L0000229	0	0.92350E-06	485545.5	3733678.3	450.2	0.00	1.70	0.85	YES	
L0000230	0	0.92350E-06	485549.1	3733678.3	450.2	0.00	1.70	0.85	YES	
L0000231	0	0.92350E-06	485552.8	3733678.4	450.2	0.00	1.70	0.85	YES	
L0000232	0	0.92350E-06	485556.5	3733678.4	450.2	0.00	1.70	0.85	YES	
L0000233	0	0.92350E-06	485560.1	3733678.4	450.2	0.00	1.70	0.85	YES	
L0000234	0	0.92350E-06	485563.8	3733678.5	450.3	0.00	1.70	0.85	YES	
L0000235	0	0.92350E-06	485567.4	3733678.5	450.3	0.00	1.70	0.85	YES	
L0000236	0	0.92350E-06	485571.1	3733678.5	450.3	0.00	1.70	0.85	YES	
L0000237	0	0.92350E-06	485574.7	3733678.5	450.3	0.00	1.70	0.85	YES	
L0000238	0	0.92350E-06	485578.4	3733678.6	450.4	0.00	1.70	0.85	YES	
L0000239	0	0.92350E-06	485582.1	3733678.6	450.4	0.00	1.70	0.85	YES	
L0000240	0	0.92350E-06	485585.7	3733678.6	450.4	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000241	0	0.92350E-06	485589.4	3733678.7	450.4	0.00	1.70	0.85	YES	
L0000242	0	0.92350E-06	485593.0	3733678.7	450.4	0.00	1.70	0.85	YES	
L0000243	0	0.92350E-06	485596.7	3733678.7	450.5	0.00	1.70	0.85	YES	
L0000244	0	0.92350E-06	485600.3	3733678.8	450.5	0.00	1.70	0.85	YES	
L0000245	0	0.92350E-06	485604.0	3733678.8	450.5	0.00	1.70	0.85	YES	
L0000246	0	0.92350E-06	485607.7	3733678.8	450.5	0.00	1.70	0.85	YES	
L0000247	0	0.92350E-06	485611.3	3733678.9	450.6	0.00	1.70	0.85	YES	
L0000248	0	0.92350E-06	485615.0	3733678.9	450.6	0.00	1.70	0.85	YES	
L0000249	0	0.92350E-06	485618.6	3733678.9	450.6	0.00	1.70	0.85	YES	
L0000250	0	0.92350E-06	485622.3	3733679.0	450.6	0.00	1.70	0.85	YES	
L0000251	0	0.92350E-06	485626.0	3733679.0	450.7	0.00	1.70	0.85	YES	
L0000252	0	0.92350E-06	485629.6	3733679.0	450.7	0.00	1.70	0.85	YES	
L0000253	0	0.92350E-06	485633.3	3733679.0	450.7	0.00	1.70	0.85	YES	
L0000254	0	0.92350E-06	485636.9	3733679.1	450.7	0.00	1.70	0.85	YES	
L0000255	0	0.92350E-06	485640.6	3733679.1	450.8	0.00	1.70	0.85	YES	
L0000256	0	0.92350E-06	485644.2	3733679.1	450.8	0.00	1.70	0.85	YES	
L0000257	0	0.92350E-06	485647.9	3733679.2	450.8	0.00	1.70	0.85	YES	
L0000258	0	0.92350E-06	485651.6	3733679.2	450.8	0.00	1.70	0.85	YES	
L0000259	0	0.92350E-06	485655.2	3733679.2	450.9	0.00	1.70	0.85	YES	
L0000260	0	0.92350E-06	485658.9	3733679.3	450.9	0.00	1.70	0.85	YES	
L0000261	0	0.92350E-06	485662.5	3733679.3	450.9	0.00	1.70	0.85	YES	
L0000262	0	0.92350E-06	485666.2	3733679.3	450.9	0.00	1.70	0.85	YES	
L0000263	0	0.92350E-06	485669.8	3733679.4	450.9	0.00	1.70	0.85	YES	
L0000264	0	0.92350E-06	485673.5	3733679.4	451.0	0.00	1.70	0.85	YES	
L0000265	0	0.92350E-06	485677.2	3733679.4	451.0	0.00	1.70	0.85	YES	
L0000266	0	0.92350E-06	485680.8	3733679.5	451.0	0.00	1.70	0.85	YES	
L0000267	0	0.92350E-06	485684.5	3733679.5	451.0	0.00	1.70	0.85	YES	
L0000268	0	0.92350E-06	485688.1	3733679.5	451.1	0.00	1.70	0.85	YES	
L0000269	0	0.92350E-06	485691.8	3733679.5	451.1	0.00	1.70	0.85	YES	
L0000270	0	0.92350E-06	485695.4	3733679.6	451.1	0.00	1.70	0.85	YES	
L0000271	0	0.92350E-06	485699.1	3733679.6	451.1	0.00	1.70	0.85	YES	
L0000272	0	0.92350E-06	485702.8	3733679.6	451.2	0.00	1.70	0.85	YES	
L0000273	0	0.92350E-06	485706.4	3733679.7	451.2	0.00	1.70	0.85	YES	
L0000274	0	0.92350E-06	485710.1	3733679.7	451.2	0.00	1.70	0.85	YES	
L0000275	0	0.92350E-06	485713.7	3733679.7	451.2	0.00	1.70	0.85	YES	
L0000276	0	0.92350E-06	485717.4	3733679.8	451.2	0.00	1.70	0.85	YES	
L0000277	0	0.92350E-06	485721.0	3733679.8	451.3	0.00	1.70	0.85	YES	
L0000278	0	0.92350E-06	485724.7	3733679.8	451.3	0.00	1.70	0.85	YES	
L0000279	0	0.92350E-06	485728.4	3733679.9	451.3	0.00	1.70	0.85	YES	
L0000280	0	0.92350E-06	485732.0	3733679.9	451.3	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000281	0	0.92350E-06	485735.7	3733679.9	451.4	0.00	1.70	0.85	YES	
L0000282	0	0.92350E-06	485739.3	3733680.0	451.4	0.00	1.70	0.85	YES	
L0000283	0	0.92350E-06	485743.0	3733680.0	451.4	0.00	1.70	0.85	YES	
L0000284	0	0.92350E-06	485746.6	3733680.0	451.4	0.00	1.70	0.85	YES	
L0000285	0	0.92350E-06	485750.3	3733680.0	451.5	0.00	1.70	0.85	YES	
L0000286	0	0.92350E-06	485754.0	3733680.1	451.5	0.00	1.70	0.85	YES	
L0000287	0	0.92350E-06	485757.6	3733680.1	451.5	0.00	1.70	0.85	YES	
L0000288	0	0.92350E-06	485761.3	3733680.1	451.5	0.00	1.70	0.85	YES	
L0000289	0	0.92350E-06	485764.9	3733680.2	451.6	0.00	1.70	0.85	YES	
L0000290	0	0.92350E-06	485768.6	3733680.2	451.6	0.00	1.70	0.85	YES	
L0000291	0	0.92350E-06	485772.2	3733680.2	451.6	0.00	1.70	0.85	YES	
L0000292	0	0.92350E-06	485775.9	3733680.3	451.6	0.00	1.70	0.85	YES	
L0000293	0	0.92350E-06	485779.6	3733680.3	451.6	0.00	1.70	0.85	YES	
L0000294	0	0.92350E-06	485783.2	3733680.3	451.7	0.00	1.70	0.85	YES	
L0000295	0	0.92350E-06	485786.9	3733680.4	451.7	0.00	1.70	0.85	YES	
L0000296	0	0.92350E-06	485790.5	3733680.4	451.7	0.00	1.70	0.85	YES	
L0000297	0	0.92350E-06	485794.2	3733680.4	451.7	0.00	1.70	0.85	YES	
L0000298	0	0.92350E-06	485797.9	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000299	0	0.92350E-06	485801.5	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000300	0	0.92350E-06	485805.2	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000301	0	0.92350E-06	485808.8	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000302	0	0.92350E-06	485812.5	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000303	0	0.92350E-06	485816.1	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000304	0	0.92350E-06	485819.8	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000305	0	0.92350E-06	485823.5	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000306	0	0.92350E-06	485827.1	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000307	0	0.92350E-06	485830.8	3733680.7	452.0	0.00	1.70	0.85	YES	
L0000308	0	0.92350E-06	485834.4	3733680.8	452.0	0.00	1.70	0.85	YES	
L0000309	0	0.92350E-06	485838.1	3733680.8	452.0	0.00	1.70	0.85	YES	
L0000310	0	0.92350E-06	485841.7	3733680.8	452.0	0.00	1.70	0.85	YES	
L0000311	0	0.92350E-06	485845.4	3733680.9	452.1	0.00	1.70	0.85	YES	
L0000312	0	0.92350E-06	485849.1	3733680.9	452.1	0.00	1.70	0.85	YES	
L0000313	0	0.92350E-06	485852.7	3733680.9	452.1	0.00	1.70	0.85	YES	
L0000314	0	0.92350E-06	485856.4	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000315	0	0.92350E-06	485860.0	3733681.0	452.2	0.00	1.70	0.85	YES	
L0000316	0	0.92350E-06	485863.7	3733681.0	452.2	0.00	1.70	0.85	YES	
L0000317	0	0.92350E-06	485867.3	3733681.1	452.2	0.00	1.70	0.85	YES	
L0000318	0	0.92350E-06	485871.0	3733681.1	452.2	0.00	1.70	0.85	YES	

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L0000319         0   0.92350E-06  485874.7 3733681.1   452.2     0.00     1.70     0.85     YES
L0000320         0   0.92350E-06  485878.3 3733681.1   452.3     0.00     1.70     0.85     YES
```


*** VOLUME SOURCE DATA ***

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

L0000321         0   0.92350E-06  485882.0 3733681.2   452.3     0.00     1.70     0.85     YES
L0000322         0   0.92350E-06  485885.6 3733681.2   452.3     0.00     1.70     0.85     YES
L0000323         0   0.92350E-06  485889.3 3733681.2   452.3     0.00     1.70     0.85     YES
L0000324         0   0.92350E-06  485892.9 3733681.3   452.4     0.00     1.70     0.85     YES
L0000325         0   0.92350E-06  485896.6 3733681.3   452.4     0.00     1.70     0.85     YES
L0000326         0   0.92350E-06  485900.3 3733681.3   452.4     0.00     1.70     0.85     YES
L0000327         0   0.92350E-06  485903.9 3733681.4   452.4     0.00     1.70     0.85     YES
```


*** SOURCE IDs DEFINING SOURCE GROUPS ***

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SRCGROUP ID                                          SOURCE IDs
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 ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    , L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    , L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    , L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    , L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    , L0000063    , L0000064    ,
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L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,

L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,

L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,

L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,

L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,

L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,

L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,

L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,

L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,

L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,

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L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,

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L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , L0000286 , L0000287 , L0000288 ,

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L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 ,

L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 ,

L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000320 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 ,

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

URBAN ID	URBAN POP	SOURCE IDs

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            2189641.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    ,
L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    , L0000031    , L0000032    ,

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            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    , L0000047    , L0000048    ,

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            L0000097    , L0000098    , L0000099    , L0000100    , L0000101    , L0000102    , L0000103    , L0000104    ,

            L0000105    , L0000106    , L0000107    , L0000108    , L0000109    , L0000110    , L0000111    , L0000112    ,

            L0000113    , L0000114    , L0000115    , L0000116    , L0000117    , L0000118    , L0000119    , L0000120    ,

            L0000121    , L0000122    , L0000123    , L0000124    , L0000125    , L0000126    , L0000127    , L0000128    ,

            L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    , L0000135    , L0000136    ,

            L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    , L0000143    , L0000144    ,

            L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    , L0000151    , L0000152    ,

            L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    , L0000159    , L0000160    ,
```



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

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

URBAN ID	URBAN POP	SOURCE IDs

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

           L0000161    , L0000162    , L0000163    , L0000164    , L0000165    , L0000166    , L0000167    , L0000168    ,
           L0000169    , L0000170    , L0000171    , L0000172    , L0000173    , L0000174    , L0000175    , L0000176    ,
           L0000177    , L0000178    , L0000179    , L0000180    , L0000181    , L0000182    , L0000183    , L0000184    ,
           L0000185    , L0000186    , L0000187    , L0000188    , L0000189    , L0000190    , L0000191    , L0000192    ,
           L0000193    , L0000194    , L0000195    , L0000196    , L0000197    , L0000198    , L0000199    , L0000200    ,
           L0000201    , L0000202    , L0000203    , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    ,
           L0000209    , L0000210    , L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    ,
           L0000217    , L0000218    , L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    ,
           L0000225    , L0000226    , L0000227    , L0000228    , L0000229    , L0000230    , L0000231    , L0000232    ,
           L0000233    , L0000234    , L0000235    , L0000236    , L0000237    , L0000238    , L0000239    , L0000240    ,
           L0000241    , L0000242    , L0000243    , L0000244    , L0000245    , L0000246    , L0000247    , L0000248    ,
           L0000249    , L0000250    , L0000251    , L0000252    , L0000253    , L0000254    , L0000255    , L0000256    ,
           L0000257    , L0000258    , L0000259    , L0000260    , L0000261    , L0000262    , L0000263    , L0000264    ,
           L0000265    , L0000266    , L0000267    , L0000268    , L0000269    , L0000270    , L0000271    , L0000272    ,
           L0000273    , L0000274    , L0000275    , L0000276    , L0000277    , L0000278    , L0000279    , L0000280    ,
           L0000281    , L0000282    , L0000283    , L0000284    , L0000285    , L0000286    , L0000287    , L0000288    ,
           L0000289    , L0000290    , L0000291    , L0000292    , L0000293    , L0000294    , L0000295    , L0000296    ,
           L0000297    , L0000298    , L0000299    , L0000300    , L0000301    , L0000302    , L0000303    , L0000304    ,
           L0000305    , L0000306    , L0000307    , L0000308    , L0000309    , L0000310    , L0000311    , L0000312    ,
           L0000313    , L0000314    , L0000315    , L0000316    , L0000317    , L0000318    , L0000319    , L0000320    ,
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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


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

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                     PAGE  17
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

      484830.9,  484880.9,  484930.9,  484980.9,  485030.9,  485080.9,  485130.9,  485180.9,  485230.9,  485280.9,
      485330.9,  485380.9,  485430.9,  485480.9,  485530.9,  485580.9,  485630.9,  485680.9,  485730.9,  485780.9,
      485830.9,

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

     3733366.5, 3733416.5, 3733466.5, 3733516.5, 3733566.5, 3733616.5, 3733666.5, 3733716.5, 3733766.5, 3733816.5,
     3733866.5, 3733916.5, 3733966.5, 3734016.5, 3734066.5, 3734116.5, 3734166.5, 3734216.5, 3734266.5, 3734316.5,
     3734366.5,

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                     PAGE  18
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     484830.89    484880.89    484930.89    484980.89    485030.89    485080.89    485130.89    485180.89    485230.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |        450.50       451.00       451.60       452.10       452.40       452.90       453.30       453.70       454.10
 3734316.49 |        450.20       450.70       451.30       451.80       452.30       452.60       453.00       453.30       453.70
 3734266.49 |        449.90       450.40       451.00       451.60       452.00       452.40       452.70       453.00       453.30
 3734216.49 |        449.50       450.00       450.60       451.20       451.70       452.10       452.40       452.70       452.90
 3734166.49 |        449.20       449.80       450.20       450.70       451.30       451.80       452.10       452.40       452.60
 3734116.49 |        448.80       449.30       449.80       450.20       450.80       451.30       451.80       452.10       452.30
 3734066.49 |        448.50       448.80       449.40       449.90       450.30       450.80       451.20       451.50       451.90
 3734016.49 |        448.00       448.50       448.90       449.40       449.80       450.30       450.60       451.00       451.20
 3733966.49 |        447.80       448.10       448.40       449.00       449.30       449.70       450.00       450.30       450.60
```

3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	450.50	451.00	451.60	452.10	452.40	452.90	453.30	453.70	454.10
3734316.49	450.20	450.70	451.30	451.80	452.30	452.60	453.00	453.30	453.70
3734266.49	449.90	450.40	451.00	451.60	452.00	452.40	452.70	453.00	453.30
3734216.49	449.50	450.00	450.60	451.20	451.70	452.10	452.40	452.70	452.90
3734166.49	449.20	449.80	450.20	450.70	451.30	451.80	452.10	452.40	452.60
3734116.49	448.80	449.30	449.80	450.20	450.80	451.30	451.80	452.10	452.30

3734066.49	448.50	448.80	449.40	449.90	450.30	450.80	451.20	451.50	451.90
3734016.49	448.00	448.50	448.90	449.40	449.80	450.30	450.60	451.00	451.20
3733966.49	447.80	448.10	448.40	449.00	449.30	449.70	450.00	450.30	450.60
3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

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

(484919.1, 3733818.8, 447.3, 447.3, 0.0); (485294.5, 3733822.3, 449.5, 449.5, 0.0);
(485518.2, 3733824.8, 450.9, 450.9, 0.0); (485103.3, 3733886.8, 448.9, 448.9, 0.0);

*** 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
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC Met Version: 16216
Profile file: E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5

10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	0.00065	0.00068	0.00070	0.00072	0.00073	0.00075	0.00076	0.00077	0.00077
3734316.49	0.00072	0.00074	0.00077	0.00079	0.00081	0.00083	0.00084	0.00085	0.00086
3734266.49	0.00079	0.00082	0.00085	0.00088	0.00090	0.00092	0.00094	0.00095	0.00096
3734216.49	0.00088	0.00092	0.00095	0.00099	0.00101	0.00104	0.00106	0.00107	0.00108
3734166.49	0.00099	0.00103	0.00108	0.00112	0.00115	0.00117	0.00120	0.00121	0.00122
3734116.49	0.00112	0.00118	0.00123	0.00127	0.00131	0.00135	0.00137	0.00139	0.00140
3734066.49	0.00128	0.00135	0.00142	0.00147	0.00152	0.00156	0.00159	0.00161	0.00163
3734016.49	0.00149	0.00158	0.00167	0.00173	0.00179	0.00184	0.00187	0.00190	0.00192
3733966.49	0.00178	0.00190	0.00200	0.00208	0.00215	0.00221	0.00225	0.00228	0.00230
3733916.49	0.00218	0.00234	0.00247	0.00257	0.00265	0.00272	0.00277	0.00281	0.00283

3733866.49	0.00279	0.00300	0.00317	0.00330	0.00340	0.00347	0.00353	0.00358	0.00361
3733816.49	0.00384	0.00413	0.00434	0.00450	0.00462	0.00471	0.00478	0.00483	0.00487
3733766.49	0.00599	0.00639	0.00666	0.00686	0.00701	0.00713	0.00722	0.00729	0.00735
3733716.49	0.01273	0.01332	0.01373	0.01404	0.01430	0.01452	0.01472	0.01490	0.01507
3733666.49	0.08962	0.08483	0.08045	0.07646	0.07282	0.06950	0.06647	0.06368	0.06103
3733616.49	0.01110	0.01150	0.01170	0.01181	0.01186	0.01187	0.01185	0.01182	0.01177
3733566.49	0.00583	0.00621	0.00644	0.00658	0.00668	0.00674	0.00677	0.00679	0.00679
3733516.49	0.00384	0.00416	0.00437	0.00451	0.00460	0.00467	0.00472	0.00474	0.00475
3733466.49	0.00281	0.00307	0.00325	0.00338	0.00347	0.00353	0.00358	0.00361	0.00362
3733416.49	0.00219	0.00239	0.00254	0.00266	0.00274	0.00281	0.00285	0.00288	0.00289
3733366.49	0.00178	0.00194	0.00206	0.00217	0.00224	0.00230	0.00234	0.00237	0.00239

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	0.00078	0.00078	0.00077	0.00077	0.00076	0.00074	0.00073	0.00071	0.00069
3734316.49	0.00086	0.00086	0.00086	0.00085	0.00084	0.00083	0.00081	0.00079	0.00076
3734266.49	0.00096	0.00096	0.00096	0.00095	0.00094	0.00092	0.00090	0.00088	0.00085
3734216.49	0.00108	0.00108	0.00108	0.00107	0.00106	0.00104	0.00101	0.00098	0.00095
3734166.49	0.00123	0.00123	0.00123	0.00122	0.00120	0.00118	0.00115	0.00112	0.00108
3734116.49	0.00141	0.00141	0.00141	0.00140	0.00138	0.00135	0.00132	0.00128	0.00123
3734066.49	0.00164	0.00164	0.00164	0.00162	0.00160	0.00157	0.00154	0.00149	0.00143
3734016.49	0.00193	0.00193	0.00193	0.00191	0.00189	0.00186	0.00181	0.00176	0.00169
3733966.49	0.00231	0.00232	0.00231	0.00230	0.00227	0.00223	0.00219	0.00212	0.00204
3733916.49	0.00285	0.00285	0.00285	0.00283	0.00280	0.00276	0.00271	0.00263	0.00254
3733866.49	0.00363	0.00364	0.00363	0.00362	0.00359	0.00355	0.00349	0.00340	0.00329
3733816.49	0.00490	0.00492	0.00492	0.00491	0.00488	0.00484	0.00478	0.00469	0.00456
3733766.49	0.00740	0.00743	0.00745	0.00746	0.00745	0.00742	0.00737	0.00729	0.00716
3733716.49	0.01523	0.01537	0.01550	0.01563	0.01574	0.01583	0.01590	0.01594	0.01592
3733666.49	0.05866	0.05601	0.05398	0.05190	0.05031	0.04877	0.04716	0.04547	0.04396
3733616.49	0.01171	0.01163	0.01154	0.01144	0.01133	0.01119	0.01104	0.01083	0.01059
3733566.49	0.00678	0.00675	0.00672	0.00667	0.00660	0.00652	0.00641	0.00627	0.00609
3733516.49	0.00475	0.00474	0.00472	0.00468	0.00464	0.00457	0.00448	0.00437	0.00422
3733466.49	0.00362	0.00362	0.00360	0.00357	0.00353	0.00348	0.00340	0.00331	0.00319
3733416.49	0.00290	0.00290	0.00288	0.00286	0.00282	0.00277	0.00271	0.00263	0.00254

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 3733366.49 |       0.00239      0.00239      0.00238      0.00236      0.00233      0.00229      0.00223      0.00217      0.00209

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                     PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     485730.89    485780.89    485830.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |       0.00066      0.00064      0.00061
 3734316.49 |       0.00073      0.00070      0.00067
 3734266.49 |       0.00081      0.00078      0.00074
 3734216.49 |       0.00091      0.00087      0.00082
 3734166.49 |       0.00103      0.00098      0.00092
 3734116.49 |       0.00118      0.00111      0.00105
 3734066.49 |       0.00137      0.00129      0.00120
 3734016.49 |       0.00161      0.00151      0.00140
 3733966.49 |       0.00194      0.00182      0.00167
 3733916.49 |       0.00241      0.00225      0.00206
 3733866.49 |       0.00314      0.00293      0.00265
 3733816.49 |       0.00437      0.00409      0.00369
 3733766.49 |       0.00694      0.00659      0.00598
 3733716.49 |       0.01581      0.01551      0.01473
 3733666.49 |       0.04277      0.04114      0.03895
 3733616.49 |       0.01028      0.00979      0.00893
 3733566.49 |       0.00585      0.00549      0.00497
 3733516.49 |       0.00403      0.00377      0.00343
 3733466.49 |       0.00304      0.00285      0.00262
 3733416.49 |       0.00242      0.00228      0.00211
 3733366.49 |       0.00200      0.00189      0.00177

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                     PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        484919.14    3733818.79        0.00423                     485294.54    3733822.32        0.00472
        485518.20    3733824.78        0.00458                     485103.33    3733886.78        0.00315

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
 *** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                        PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                                                                                                          NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.08962 AT (  484830.89,  3733666.49,   445.50,   445.50,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.08483 AT (  484880.89,  3733666.49,   446.00,   446.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.08045 AT (  484930.89,  3733666.49,   446.30,   446.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.07646 AT (  484980.89,  3733666.49,   446.60,   446.60,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.07282 AT (  485030.89,  3733666.49,   446.90,   446.90,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS       0.06950 AT (  485080.89,  3733666.49,   447.20,   447.20,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS       0.06647 AT (  485130.89,  3733666.49,   447.50,   447.50,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.06368 AT (  485180.89,  3733666.49,   447.80,   447.80,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS       0.06103 AT (  485230.89,  3733666.49,   447.90,   447.90,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.05866 AT (  485280.89,  3733666.49,   448.20,   448.20,    0.00)  GC  UCART1


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

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
 *** AERMET - VERSION  16216 ***   *** 14 YR Exposure 2026-39                                              ***        14:11:42
                                                                                                                        PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

  --------- Summary of Total Messages --------
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```
A Total of            0 Fatal Error Message(s)
A Total of            4 Warning Message(s)
A Total of         2028 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          978 Calm Hours Identified

A Total of         1050 Missing Hours Identified (  2.40 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:      14010101
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:    2 year gap

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

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 6/21/2019
** File: C:\Lakes\AERMOD View\Menifee North Specific Plan 2nd 14 yr Exp\Menifee North Specific Plan 2nd 14 yr Exp.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Menifee North SP
   TITLETWO 2nd 14 YR Exposure 2040-53
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Menifee North Specific Plan 2nd 14 yr Exp.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 Traffic along SR-74
** PREFIX
** Length of Side = 3.66
** Configuration = Adjacent
** Emission Rate = 0.000257
** Elevated
** Vertical Dimension = 3.66
** SZINIT = 0.85
** Nodes = 2
** 484709.757, 3733671.152, 444.80, 0.00, 1.70
** 485905.837, 3733681.380, 452.45, 0.00, 1.70
```

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** ---------------------------------------------------------------------
   LOCATION L0000001     VOLUME   484711.585 3733671.167 444.86
   LOCATION L0000002     VOLUME   484715.243 3733671.198 444.87
   LOCATION L0000003     VOLUME   484718.900 3733671.230 444.88
   LOCATION L0000004     VOLUME   484722.558 3733671.261 444.89
   LOCATION L0000005     VOLUME   484726.215 3733671.292 444.91
   LOCATION L0000006     VOLUME   484729.873 3733671.324 444.92
   LOCATION L0000007     VOLUME   484733.530 3733671.355 444.95
   LOCATION L0000008     VOLUME   484737.187 3733671.386 444.98
   LOCATION L0000009     VOLUME   484740.845 3733671.417 445.01
   LOCATION L0000010     VOLUME   484744.502 3733671.449 445.05
   LOCATION L0000011     VOLUME   484748.160 3733671.480 445.08
   LOCATION L0000012     VOLUME   484751.817 3733671.511 445.11
   LOCATION L0000013     VOLUME   484755.475 3733671.543 445.14
   LOCATION L0000014     VOLUME   484759.132 3733671.574 445.15
   LOCATION L0000015     VOLUME   484762.790 3733671.605 445.16
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   LOCATION L0000312     VOLUME   485849.057 3733680.894 452.04
   LOCATION L0000313     VOLUME   485852.715 3733680.926 452.07
   LOCATION L0000314     VOLUME   485856.372 3733680.957 452.11
   LOCATION L0000315     VOLUME   485860.030 3733680.988 452.14
   LOCATION L0000316     VOLUME   485863.687 3733681.019 452.17
   LOCATION L0000317     VOLUME   485867.345 3733681.051 452.18
   LOCATION L0000318     VOLUME   485871.002 3733681.082 452.20
   LOCATION L0000319     VOLUME   485874.660 3733681.113 452.22
   LOCATION L0000320     VOLUME   485878.317 3733681.145 452.24
   LOCATION L0000321     VOLUME   485881.974 3733681.176 452.25
   LOCATION L0000322     VOLUME   485885.632 3733681.207 452.27
   LOCATION L0000323     VOLUME   485889.289 3733681.238 452.30
   LOCATION L0000324     VOLUME   485892.947 3733681.270 452.34
   LOCATION L0000325     VOLUME   485896.604 3733681.301 452.38
   LOCATION L0000326     VOLUME   485900.262 3733681.332 452.42
   LOCATION L0000327     VOLUME   485903.919 3733681.364 452.46
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SRCPARAM	L0000275	0.0000007859	0.00	1.70	0.85
SRCPARAM	L0000276	0.0000007859	0.00	1.70	0.85
SRCPARAM	L0000277	0.0000007859	0.00	1.70	0.85
SRCPARAM	L0000278	0.0000007859	0.00	1.70	0.85
SRCPARAM	L0000279	0.0000007859	0.00	1.70	0.85
SRCPARAM	L0000280	0.0000007859	0.00	1.70	0.85
SRCPARAM	L0000281	0.0000007859	0.00	1.70	0.85

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   SRCPARAM L0000282     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000283     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000284     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000285     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000286     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000287     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000288     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000289     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000290     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000291     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000292     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000293     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000294     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000295     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000296     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000297     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000298     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000299     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000300     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000301     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000302     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000303     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000304     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000305     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000306     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000307     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000308     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000309     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000310     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000311     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000312     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000313     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000314     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000315     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000316     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000317     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000318     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000319     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000320     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000321     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000322     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000323     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000324     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000325     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000326     0.0000007859      0.00      1.70      0.85
   SRCPARAM L0000327     0.0000007859      0.00      1.70      0.85
** ---------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
```

```
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Menifee North Specific Plan 2nd 14 yr Exp.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC"
   PROFFILE "E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL"
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "MENIFEE NORTH SPECIFIC PLAN 2ND 14 YR EXP.AD\PE00GALL.PLT" 31
   SUMMFILE "Menifee North Specific Plan 2nd 14 yr Exp.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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


*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                      PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

```
                and:      0 LINE source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.7 MB of RAM.

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

**Detailed Error/Message File:   Menifee North Specific Plan 2nd 14 yr Exp.err
**File for Summary of Results:   Menifee North Specific Plan 2nd 14 yr Exp.sum

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                     PAGE   2
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
    ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
- - - -
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L0000009	0	0.78590E-06	484740.8	3733671.4	445.0	0.00	1.70	0.85	YES
L0000010	0	0.78590E-06	484744.5	3733671.4	445.1	0.00	1.70	0.85	YES
L0000011	0	0.78590E-06	484748.2	3733671.5	445.1	0.00	1.70	0.85	YES
L0000012	0	0.78590E-06	484751.8	3733671.5	445.1	0.00	1.70	0.85	YES
L0000013	0	0.78590E-06	484755.5	3733671.5	445.1	0.00	1.70	0.85	YES
L0000014	0	0.78590E-06	484759.1	3733671.6	445.2	0.00	1.70	0.85	YES
L0000015	0	0.78590E-06	484762.8	3733671.6	445.2	0.00	1.70	0.85	YES
L0000016	0	0.78590E-06	484766.4	3733671.6	445.2	0.00	1.70	0.85	YES
L0000017	0	0.78590E-06	484770.1	3733671.7	445.2	0.00	1.70	0.85	YES
L0000018	0	0.78590E-06	484773.8	3733671.7	445.2	0.00	1.70	0.85	YES
L0000019	0	0.78590E-06	484777.4	3733671.7	445.2	0.00	1.70	0.85	YES
L0000020	0	0.78590E-06	484781.1	3733671.8	445.2	0.00	1.70	0.85	YES
L0000021	0	0.78590E-06	484784.7	3733671.8	445.2	0.00	1.70	0.85	YES
L0000022	0	0.78590E-06	484788.4	3733671.8	445.3	0.00	1.70	0.85	YES
L0000023	0	0.78590E-06	484792.0	3733671.9	445.3	0.00	1.70	0.85	YES
L0000024	0	0.78590E-06	484795.7	3733671.9	445.4	0.00	1.70	0.85	YES
L0000025	0	0.78590E-06	484799.4	3733671.9	445.4	0.00	1.70	0.85	YES
L0000026	0	0.78590E-06	484803.0	3733671.9	445.4	0.00	1.70	0.85	YES
L0000027	0	0.78590E-06	484806.7	3733672.0	445.4	0.00	1.70	0.85	YES
L0000028	0	0.78590E-06	484810.3	3733672.0	445.5	0.00	1.70	0.85	YES
L0000029	0	0.78590E-06	484814.0	3733672.0	445.5	0.00	1.70	0.85	YES
L0000030	0	0.78590E-06	484817.7	3733672.1	445.5	0.00	1.70	0.85	YES
L0000031	0	0.78590E-06	484821.3	3733672.1	445.5	0.00	1.70	0.85	YES
L0000032	0	0.78590E-06	484825.0	3733672.1	445.6	0.00	1.70	0.85	YES
L0000033	0	0.78590E-06	484828.6	3733672.2	445.6	0.00	1.70	0.85	YES
L0000034	0	0.78590E-06	484832.3	3733672.2	445.6	0.00	1.70	0.85	YES
L0000035	0	0.78590E-06	484835.9	3733672.2	445.6	0.00	1.70	0.85	YES
L0000036	0	0.78590E-06	484839.6	3733672.3	445.7	0.00	1.70	0.85	YES
L0000037	0	0.78590E-06	484843.3	3733672.3	445.7	0.00	1.70	0.85	YES
L0000038	0	0.78590E-06	484846.9	3733672.3	445.7	0.00	1.70	0.85	YES
L0000039	0	0.78590E-06	484850.6	3733672.4	445.8	0.00	1.70	0.85	YES
L0000040	0	0.78590E-06	484854.2	3733672.4	445.8	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.78590E-06	484857.9	3733672.4	445.8	0.00	1.70	0.85	YES	
L0000042	0	0.78590E-06	484861.5	3733672.4	445.9	0.00	1.70	0.85	YES	
L0000043	0	0.78590E-06	484865.2	3733672.5	445.9	0.00	1.70	0.85	YES	
L0000044	0	0.78590E-06	484868.9	3733672.5	445.9	0.00	1.70	0.85	YES	
L0000045	0	0.78590E-06	484872.5	3733672.5	445.9	0.00	1.70	0.85	YES	

L0000046	0	0.78590E-06	484876.2	3733672.6	446.0	0.00	1.70	0.85	YES
L0000047	0	0.78590E-06	484879.8	3733672.6	446.0	0.00	1.70	0.85	YES
L0000048	0	0.78590E-06	484883.5	3733672.6	446.0	0.00	1.70	0.85	YES
L0000049	0	0.78590E-06	484887.1	3733672.7	446.1	0.00	1.70	0.85	YES
L0000050	0	0.78590E-06	484890.8	3733672.7	446.1	0.00	1.70	0.85	YES
L0000051	0	0.78590E-06	484894.5	3733672.7	446.1	0.00	1.70	0.85	YES
L0000052	0	0.78590E-06	484898.1	3733672.8	446.1	0.00	1.70	0.85	YES
L0000053	0	0.78590E-06	484901.8	3733672.8	446.1	0.00	1.70	0.85	YES
L0000054	0	0.78590E-06	484905.4	3733672.8	446.1	0.00	1.70	0.85	YES
L0000055	0	0.78590E-06	484909.1	3733672.9	446.2	0.00	1.70	0.85	YES
L0000056	0	0.78590E-06	484912.7	3733672.9	446.2	0.00	1.70	0.85	YES
L0000057	0	0.78590E-06	484916.4	3733672.9	446.2	0.00	1.70	0.85	YES
L0000058	0	0.78590E-06	484920.1	3733672.9	446.3	0.00	1.70	0.85	YES
L0000059	0	0.78590E-06	484923.7	3733673.0	446.3	0.00	1.70	0.85	YES
L0000060	0	0.78590E-06	484927.4	3733673.0	446.3	0.00	1.70	0.85	YES
L0000061	0	0.78590E-06	484931.0	3733673.0	446.4	0.00	1.70	0.85	YES
L0000062	0	0.78590E-06	484934.7	3733673.1	446.4	0.00	1.70	0.85	YES
L0000063	0	0.78590E-06	484938.3	3733673.1	446.4	0.00	1.70	0.85	YES
L0000064	0	0.78590E-06	484942.0	3733673.1	446.4	0.00	1.70	0.85	YES
L0000065	0	0.78590E-06	484945.7	3733673.2	446.4	0.00	1.70	0.85	YES
L0000066	0	0.78590E-06	484949.3	3733673.2	446.4	0.00	1.70	0.85	YES
L0000067	0	0.78590E-06	484953.0	3733673.2	446.5	0.00	1.70	0.85	YES
L0000068	0	0.78590E-06	484956.6	3733673.3	446.5	0.00	1.70	0.85	YES
L0000069	0	0.78590E-06	484960.3	3733673.3	446.5	0.00	1.70	0.85	YES
L0000070	0	0.78590E-06	484964.0	3733673.3	446.5	0.00	1.70	0.85	YES
L0000071	0	0.78590E-06	484967.6	3733673.4	446.6	0.00	1.70	0.85	YES
L0000072	0	0.78590E-06	484971.3	3733673.4	446.6	0.00	1.70	0.85	YES
L0000073	0	0.78590E-06	484974.9	3733673.4	446.6	0.00	1.70	0.85	YES
L0000074	0	0.78590E-06	484978.6	3733673.4	446.7	0.00	1.70	0.85	YES
L0000075	0	0.78590E-06	484982.2	3733673.5	446.7	0.00	1.70	0.85	YES
L0000076	0	0.78590E-06	484985.9	3733673.5	446.7	0.00	1.70	0.85	YES
L0000077	0	0.78590E-06	484989.6	3733673.5	446.8	0.00	1.70	0.85	YES
L0000078	0	0.78590E-06	484993.2	3733673.6	446.8	0.00	1.70	0.85	YES
L0000079	0	0.78590E-06	484996.9	3733673.6	446.8	0.00	1.70	0.85	YES
L0000080	0	0.78590E-06	485000.5	3733673.6	446.8	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.78590E-06	485004.2	3733673.7	446.8	0.00	1.70	0.85	YES	
L0000082	0	0.78590E-06	485007.8	3733673.7	446.8	0.00	1.70	0.85	YES	

L0000083	0	0.78590E-06	485011.5	3733673.7	446.8	0.00	1.70	0.85	YES
L0000084	0	0.78590E-06	485015.2	3733673.8	446.8	0.00	1.70	0.85	YES
L0000085	0	0.78590E-06	485018.8	3733673.8	446.9	0.00	1.70	0.85	YES
L0000086	0	0.78590E-06	485022.5	3733673.8	446.9	0.00	1.70	0.85	YES
L0000087	0	0.78590E-06	485026.1	3733673.9	446.9	0.00	1.70	0.85	YES
L0000088	0	0.78590E-06	485029.8	3733673.9	447.0	0.00	1.70	0.85	YES
L0000089	0	0.78590E-06	485033.4	3733673.9	447.0	0.00	1.70	0.85	YES
L0000090	0	0.78590E-06	485037.1	3733674.0	447.1	0.00	1.70	0.85	YES
L0000091	0	0.78590E-06	485040.8	3733674.0	447.1	0.00	1.70	0.85	YES
L0000092	0	0.78590E-06	485044.4	3733674.0	447.1	0.00	1.70	0.85	YES
L0000093	0	0.78590E-06	485048.1	3733674.0	447.1	0.00	1.70	0.85	YES
L0000094	0	0.78590E-06	485051.7	3733674.1	447.1	0.00	1.70	0.85	YES
L0000095	0	0.78590E-06	485055.4	3733674.1	447.1	0.00	1.70	0.85	YES
L0000096	0	0.78590E-06	485059.0	3733674.1	447.1	0.00	1.70	0.85	YES
L0000097	0	0.78590E-06	485062.7	3733674.2	447.1	0.00	1.70	0.85	YES
L0000098	0	0.78590E-06	485066.4	3733674.2	447.2	0.00	1.70	0.85	YES
L0000099	0	0.78590E-06	485070.0	3733674.2	447.2	0.00	1.70	0.85	YES
L0000100	0	0.78590E-06	485073.7	3733674.3	447.2	0.00	1.70	0.85	YES
L0000101	0	0.78590E-06	485077.3	3733674.3	447.3	0.00	1.70	0.85	YES
L0000102	0	0.78590E-06	485081.0	3733674.3	447.3	0.00	1.70	0.85	YES
L0000103	0	0.78590E-06	485084.6	3733674.4	447.4	0.00	1.70	0.85	YES
L0000104	0	0.78590E-06	485088.3	3733674.4	447.4	0.00	1.70	0.85	YES
L0000105	0	0.78590E-06	485092.0	3733674.4	447.4	0.00	1.70	0.85	YES
L0000106	0	0.78590E-06	485095.6	3733674.5	447.4	0.00	1.70	0.85	YES
L0000107	0	0.78590E-06	485099.3	3733674.5	447.4	0.00	1.70	0.85	YES
L0000108	0	0.78590E-06	485102.9	3733674.5	447.4	0.00	1.70	0.85	YES
L0000109	0	0.78590E-06	485106.6	3733674.5	447.4	0.00	1.70	0.85	YES
L0000110	0	0.78590E-06	485110.2	3733674.6	447.4	0.00	1.70	0.85	YES
L0000111	0	0.78590E-06	485113.9	3733674.6	447.4	0.00	1.70	0.85	YES
L0000112	0	0.78590E-06	485117.6	3733674.6	447.4	0.00	1.70	0.85	YES
L0000113	0	0.78590E-06	485121.2	3733674.7	447.4	0.00	1.70	0.85	YES
L0000114	0	0.78590E-06	485124.9	3733674.7	447.5	0.00	1.70	0.85	YES
L0000115	0	0.78590E-06	485128.5	3733674.7	447.5	0.00	1.70	0.85	YES
L0000116	0	0.78590E-06	485132.2	3733674.8	447.6	0.00	1.70	0.85	YES
L0000117	0	0.78590E-06	485135.9	3733674.8	447.6	0.00	1.70	0.85	YES
L0000118	0	0.78590E-06	485139.5	3733674.8	447.7	0.00	1.70	0.85	YES
L0000119	0	0.78590E-06	485143.2	3733674.9	447.7	0.00	1.70	0.85	YES
L0000120	0	0.78590E-06	485146.8	3733674.9	447.7	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000121	0	0.78590E-06	485150.5	3733674.9	447.8	0.00	1.70	0.85	YES
L0000122	0	0.78590E-06	485154.1	3733675.0	447.8	0.00	1.70	0.85	YES
L0000123	0	0.78590E-06	485157.8	3733675.0	447.8	0.00	1.70	0.85	YES
L0000124	0	0.78590E-06	485161.5	3733675.0	447.8	0.00	1.70	0.85	YES
L0000125	0	0.78590E-06	485165.1	3733675.0	447.8	0.00	1.70	0.85	YES
L0000126	0	0.78590E-06	485168.8	3733675.1	447.8	0.00	1.70	0.85	YES
L0000127	0	0.78590E-06	485172.4	3733675.1	447.8	0.00	1.70	0.85	YES
L0000128	0	0.78590E-06	485176.1	3733675.1	447.8	0.00	1.70	0.85	YES
L0000129	0	0.78590E-06	485179.7	3733675.2	447.8	0.00	1.70	0.85	YES
L0000130	0	0.78590E-06	485183.4	3733675.2	447.8	0.00	1.70	0.85	YES
L0000131	0	0.78590E-06	485187.1	3733675.2	447.9	0.00	1.70	0.85	YES
L0000132	0	0.78590E-06	485190.7	3733675.3	447.9	0.00	1.70	0.85	YES
L0000133	0	0.78590E-06	485194.4	3733675.3	447.9	0.00	1.70	0.85	YES
L0000134	0	0.78590E-06	485198.0	3733675.3	447.9	0.00	1.70	0.85	YES
L0000135	0	0.78590E-06	485201.7	3733675.4	447.9	0.00	1.70	0.85	YES
L0000136	0	0.78590E-06	485205.3	3733675.4	447.9	0.00	1.70	0.85	YES
L0000137	0	0.78590E-06	485209.0	3733675.4	447.9	0.00	1.70	0.85	YES
L0000138	0	0.78590E-06	485212.7	3733675.5	448.0	0.00	1.70	0.85	YES
L0000139	0	0.78590E-06	485216.3	3733675.5	448.0	0.00	1.70	0.85	YES
L0000140	0	0.78590E-06	485220.0	3733675.5	448.0	0.00	1.70	0.85	YES
L0000141	0	0.78590E-06	485223.6	3733675.5	448.0	0.00	1.70	0.85	YES
L0000142	0	0.78590E-06	485227.3	3733675.6	448.0	0.00	1.70	0.85	YES
L0000143	0	0.78590E-06	485230.9	3733675.6	448.0	0.00	1.70	0.85	YES
L0000144	0	0.78590E-06	485234.6	3733675.6	448.0	0.00	1.70	0.85	YES
L0000145	0	0.78590E-06	485238.3	3733675.7	448.0	0.00	1.70	0.85	YES
L0000146	0	0.78590E-06	485241.9	3733675.7	448.0	0.00	1.70	0.85	YES
L0000147	0	0.78590E-06	485245.6	3733675.7	448.0	0.00	1.70	0.85	YES
L0000148	0	0.78590E-06	485249.2	3733675.8	448.0	0.00	1.70	0.85	YES
L0000149	0	0.78590E-06	485252.9	3733675.8	448.1	0.00	1.70	0.85	YES
L0000150	0	0.78590E-06	485256.5	3733675.8	448.1	0.00	1.70	0.85	YES
L0000151	0	0.78590E-06	485260.2	3733675.9	448.1	0.00	1.70	0.85	YES
L0000152	0	0.78590E-06	485263.9	3733675.9	448.1	0.00	1.70	0.85	YES
L0000153	0	0.78590E-06	485267.5	3733675.9	448.1	0.00	1.70	0.85	YES
L0000154	0	0.78590E-06	485271.2	3733676.0	448.2	0.00	1.70	0.85	YES
L0000155	0	0.78590E-06	485274.8	3733676.0	448.2	0.00	1.70	0.85	YES
L0000156	0	0.78590E-06	485278.5	3733676.0	448.2	0.00	1.70	0.85	YES
L0000157	0	0.78590E-06	485282.1	3733676.0	448.2	0.00	1.70	0.85	YES
L0000158	0	0.78590E-06	485285.8	3733676.1	448.2	0.00	1.70	0.85	YES
L0000159	0	0.78590E-06	485289.5	3733676.1	448.2	0.00	1.70	0.85	YES
L0000160	0	0.78590E-06	485293.1	3733676.1	448.2	0.00	1.70	0.85	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0000161	0	0.78590E-06	485296.8	3733676.2	448.3	0.00	1.70	0.85	YES
L0000162	0	0.78590E-06	485300.4	3733676.2	448.3	0.00	1.70	0.85	YES
L0000163	0	0.78590E-06	485304.1	3733676.2	448.3	0.00	1.70	0.85	YES
L0000164	0	0.78590E-06	485307.8	3733676.3	448.3	0.00	1.70	0.85	YES
L0000165	0	0.78590E-06	485311.4	3733676.3	448.3	0.00	1.70	0.85	YES
L0000166	0	0.78590E-06	485315.1	3733676.3	448.3	0.00	1.70	0.85	YES
L0000167	0	0.78590E-06	485318.7	3733676.4	448.3	0.00	1.70	0.85	YES
L0000168	0	0.78590E-06	485322.4	3733676.4	448.3	0.00	1.70	0.85	YES
L0000169	0	0.78590E-06	485326.0	3733676.4	448.3	0.00	1.70	0.85	YES
L0000170	0	0.78590E-06	485329.7	3733676.5	448.3	0.00	1.70	0.85	YES
L0000171	0	0.78590E-06	485333.4	3733676.5	448.3	0.00	1.70	0.85	YES
L0000172	0	0.78590E-06	485337.0	3733676.5	448.3	0.00	1.70	0.85	YES
L0000173	0	0.78590E-06	485340.7	3733676.5	448.3	0.00	1.70	0.85	YES
L0000174	0	0.78590E-06	485344.3	3733676.6	448.3	0.00	1.70	0.85	YES
L0000175	0	0.78590E-06	485348.0	3733676.6	448.3	0.00	1.70	0.85	YES
L0000176	0	0.78590E-06	485351.6	3733676.6	448.4	0.00	1.70	0.85	YES
L0000177	0	0.78590E-06	485355.3	3733676.7	448.4	0.00	1.70	0.85	YES
L0000178	0	0.78590E-06	485359.0	3733676.7	448.4	0.00	1.70	0.85	YES
L0000179	0	0.78590E-06	485362.6	3733676.7	448.4	0.00	1.70	0.85	YES
L0000180	0	0.78590E-06	485366.3	3733676.8	448.4	0.00	1.70	0.85	YES
L0000181	0	0.78590E-06	485369.9	3733676.8	448.5	0.00	1.70	0.85	YES
L0000182	0	0.78590E-06	485373.6	3733676.8	448.5	0.00	1.70	0.85	YES
L0000183	0	0.78590E-06	485377.2	3733676.9	448.5	0.00	1.70	0.85	YES
L0000184	0	0.78590E-06	485380.9	3733676.9	448.6	0.00	1.70	0.85	YES
L0000185	0	0.78590E-06	485384.6	3733676.9	448.6	0.00	1.70	0.85	YES
L0000186	0	0.78590E-06	485388.2	3733677.0	448.6	0.00	1.70	0.85	YES
L0000187	0	0.78590E-06	485391.9	3733677.0	448.6	0.00	1.70	0.85	YES
L0000188	0	0.78590E-06	485395.5	3733677.0	448.6	0.00	1.70	0.85	YES
L0000189	0	0.78590E-06	485399.2	3733677.0	448.7	0.00	1.70	0.85	YES
L0000190	0	0.78590E-06	485402.8	3733677.1	448.7	0.00	1.70	0.85	YES
L0000191	0	0.78590E-06	485406.5	3733677.1	448.7	0.00	1.70	0.85	YES
L0000192	0	0.78590E-06	485410.2	3733677.1	448.7	0.00	1.70	0.85	YES
L0000193	0	0.78590E-06	485413.8	3733677.2	448.7	0.00	1.70	0.85	YES
L0000194	0	0.78590E-06	485417.5	3733677.2	448.7	0.00	1.70	0.85	YES
L0000195	0	0.78590E-06	485421.1	3733677.2	448.7	0.00	1.70	0.85	YES
L0000196	0	0.78590E-06	485424.8	3733677.3	448.7	0.00	1.70	0.85	YES
L0000197	0	0.78590E-06	485428.4	3733677.3	448.7	0.00	1.70	0.85	YES
L0000198	0	0.78590E-06	485432.1	3733677.3	448.8	0.00	1.70	0.85	YES
L0000199	0	0.78590E-06	485435.8	3733677.4	448.8	0.00	1.70	0.85	YES
L0000200	0	0.78590E-06	485439.4	3733677.4	448.8	0.00	1.70	0.85	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000201	0	0.78590E-06	485443.1	3733677.4	448.9	0.00	1.70	0.85	YES	
L0000202	0	0.78590E-06	485446.7	3733677.5	448.9	0.00	1.70	0.85	YES	
L0000203	0	0.78590E-06	485450.4	3733677.5	448.9	0.00	1.70	0.85	YES	
L0000204	0	0.78590E-06	485454.1	3733677.5	449.0	0.00	1.70	0.85	YES	
L0000205	0	0.78590E-06	485457.7	3733677.5	449.0	0.00	1.70	0.85	YES	
L0000206	0	0.78590E-06	485461.4	3733677.6	449.0	0.00	1.70	0.85	YES	
L0000207	0	0.78590E-06	485465.0	3733677.6	449.1	0.00	1.70	0.85	YES	
L0000208	0	0.78590E-06	485468.7	3733677.6	449.1	0.00	1.70	0.85	YES	
L0000209	0	0.78590E-06	485472.3	3733677.7	449.1	0.00	1.70	0.85	YES	
L0000210	0	0.78590E-06	485476.0	3733677.7	449.2	0.00	1.70	0.85	YES	
L0000211	0	0.78590E-06	485479.7	3733677.7	449.2	0.00	1.70	0.85	YES	
L0000212	0	0.78590E-06	485483.3	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000213	0	0.78590E-06	485487.0	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000214	0	0.78590E-06	485490.6	3733677.8	449.2	0.00	1.70	0.85	YES	
L0000215	0	0.78590E-06	485494.3	3733677.9	449.2	0.00	1.70	0.85	YES	
L0000216	0	0.78590E-06	485497.9	3733677.9	449.2	0.00	1.70	0.85	YES	
L0000217	0	0.78590E-06	485501.6	3733677.9	449.3	0.00	1.70	0.85	YES	
L0000218	0	0.78590E-06	485505.3	3733678.0	449.3	0.00	1.70	0.85	YES	
L0000219	0	0.78590E-06	485508.9	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000220	0	0.78590E-06	485512.6	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000221	0	0.78590E-06	485516.2	3733678.0	449.4	0.00	1.70	0.85	YES	
L0000222	0	0.78590E-06	485519.9	3733678.1	449.5	0.00	1.70	0.85	YES	
L0000223	0	0.78590E-06	485523.5	3733678.1	449.5	0.00	1.70	0.85	YES	
L0000224	0	0.78590E-06	485527.2	3733678.1	449.6	0.00	1.70	0.85	YES	
L0000225	0	0.78590E-06	485530.9	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000226	0	0.78590E-06	485534.5	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000227	0	0.78590E-06	485538.2	3733678.2	449.6	0.00	1.70	0.85	YES	
L0000228	0	0.78590E-06	485541.8	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000229	0	0.78590E-06	485545.5	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000230	0	0.78590E-06	485549.1	3733678.3	449.6	0.00	1.70	0.85	YES	
L0000231	0	0.78590E-06	485552.8	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000232	0	0.78590E-06	485556.5	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000233	0	0.78590E-06	485560.1	3733678.4	449.7	0.00	1.70	0.85	YES	
L0000234	0	0.78590E-06	485563.8	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000235	0	0.78590E-06	485567.4	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000236	0	0.78590E-06	485571.1	3733678.5	449.8	0.00	1.70	0.85	YES	
L0000237	0	0.78590E-06	485574.7	3733678.5	449.9	0.00	1.70	0.85	YES	
L0000238	0	0.78590E-06	485578.4	3733678.6	449.9	0.00	1.70	0.85	YES	
L0000239	0	0.78590E-06	485582.1	3733678.6	449.9	0.00	1.70	0.85	YES	
L0000240	0	0.78590E-06	485585.7	3733678.6	449.9	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000241	0	0.78590E-06	485589.4	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000242	0	0.78590E-06	485593.0	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000243	0	0.78590E-06	485596.7	3733678.7	449.9	0.00	1.70	0.85	YES	
L0000244	0	0.78590E-06	485600.3	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000245	0	0.78590E-06	485604.0	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000246	0	0.78590E-06	485607.7	3733678.8	449.9	0.00	1.70	0.85	YES	
L0000247	0	0.78590E-06	485611.3	3733678.9	449.9	0.00	1.70	0.85	YES	
L0000248	0	0.78590E-06	485615.0	3733678.9	450.0	0.00	1.70	0.85	YES	
L0000249	0	0.78590E-06	485618.6	3733678.9	450.0	0.00	1.70	0.85	YES	
L0000250	0	0.78590E-06	485622.3	3733679.0	450.0	0.00	1.70	0.85	YES	
L0000251	0	0.78590E-06	485626.0	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000252	0	0.78590E-06	485629.6	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000253	0	0.78590E-06	485633.3	3733679.0	450.1	0.00	1.70	0.85	YES	
L0000254	0	0.78590E-06	485636.9	3733679.1	450.2	0.00	1.70	0.85	YES	
L0000255	0	0.78590E-06	485640.6	3733679.1	450.2	0.00	1.70	0.85	YES	
L0000256	0	0.78590E-06	485644.2	3733679.1	450.3	0.00	1.70	0.85	YES	
L0000257	0	0.78590E-06	485647.9	3733679.2	450.3	0.00	1.70	0.85	YES	
L0000258	0	0.78590E-06	485651.6	3733679.2	450.4	0.00	1.70	0.85	YES	
L0000259	0	0.78590E-06	485655.2	3733679.2	450.4	0.00	1.70	0.85	YES	
L0000260	0	0.78590E-06	485658.9	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000261	0	0.78590E-06	485662.5	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000262	0	0.78590E-06	485666.2	3733679.3	450.4	0.00	1.70	0.85	YES	
L0000263	0	0.78590E-06	485669.8	3733679.4	450.4	0.00	1.70	0.85	YES	
L0000264	0	0.78590E-06	485673.5	3733679.4	450.4	0.00	1.70	0.85	YES	
L0000265	0	0.78590E-06	485677.2	3733679.4	450.5	0.00	1.70	0.85	YES	
L0000266	0	0.78590E-06	485680.8	3733679.5	450.5	0.00	1.70	0.85	YES	
L0000267	0	0.78590E-06	485684.5	3733679.5	450.5	0.00	1.70	0.85	YES	
L0000268	0	0.78590E-06	485688.1	3733679.5	450.6	0.00	1.70	0.85	YES	
L0000269	0	0.78590E-06	485691.8	3733679.5	450.6	0.00	1.70	0.85	YES	
L0000270	0	0.78590E-06	485695.4	3733679.6	450.6	0.00	1.70	0.85	YES	
L0000271	0	0.78590E-06	485699.1	3733679.6	450.7	0.00	1.70	0.85	YES	
L0000272	0	0.78590E-06	485702.8	3733679.6	450.7	0.00	1.70	0.85	YES	
L0000273	0	0.78590E-06	485706.4	3733679.7	450.8	0.00	1.70	0.85	YES	
L0000274	0	0.78590E-06	485710.1	3733679.7	450.8	0.00	1.70	0.85	YES	
L0000275	0	0.78590E-06	485713.7	3733679.7	450.9	0.00	1.70	0.85	YES	
L0000276	0	0.78590E-06	485717.4	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000277	0	0.78590E-06	485721.0	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000278	0	0.78590E-06	485724.7	3733679.8	450.9	0.00	1.70	0.85	YES	
L0000279	0	0.78590E-06	485728.4	3733679.9	451.0	0.00	1.70	0.85	YES	
L0000280	0	0.78590E-06	485732.0	3733679.9	451.0	0.00	1.70	0.85	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000281	0	0.78590E-06	485735.7	3733679.9	451.0	0.00	1.70	0.85	YES	
L0000282	0	0.78590E-06	485739.3	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000283	0	0.78590E-06	485743.0	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000284	0	0.78590E-06	485746.6	3733680.0	451.1	0.00	1.70	0.85	YES	
L0000285	0	0.78590E-06	485750.3	3733680.0	451.2	0.00	1.70	0.85	YES	
L0000286	0	0.78590E-06	485754.0	3733680.1	451.2	0.00	1.70	0.85	YES	
L0000287	0	0.78590E-06	485757.6	3733680.1	451.2	0.00	1.70	0.85	YES	
L0000288	0	0.78590E-06	485761.3	3733680.1	451.3	0.00	1.70	0.85	YES	
L0000289	0	0.78590E-06	485764.9	3733680.2	451.3	0.00	1.70	0.85	YES	
L0000290	0	0.78590E-06	485768.6	3733680.2	451.4	0.00	1.70	0.85	YES	
L0000291	0	0.78590E-06	485772.2	3733680.2	451.4	0.00	1.70	0.85	YES	
L0000292	0	0.78590E-06	485775.9	3733680.3	451.4	0.00	1.70	0.85	YES	
L0000293	0	0.78590E-06	485779.6	3733680.3	451.5	0.00	1.70	0.85	YES	
L0000294	0	0.78590E-06	485783.2	3733680.3	451.5	0.00	1.70	0.85	YES	
L0000295	0	0.78590E-06	485786.9	3733680.4	451.6	0.00	1.70	0.85	YES	
L0000296	0	0.78590E-06	485790.5	3733680.4	451.6	0.00	1.70	0.85	YES	
L0000297	0	0.78590E-06	485794.2	3733680.4	451.7	0.00	1.70	0.85	YES	
L0000298	0	0.78590E-06	485797.9	3733680.5	451.7	0.00	1.70	0.85	YES	
L0000299	0	0.78590E-06	485801.5	3733680.5	451.7	0.00	1.70	0.85	YES	
L0000300	0	0.78590E-06	485805.2	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000301	0	0.78590E-06	485808.8	3733680.5	451.8	0.00	1.70	0.85	YES	
L0000302	0	0.78590E-06	485812.5	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000303	0	0.78590E-06	485816.1	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000304	0	0.78590E-06	485819.8	3733680.6	451.9	0.00	1.70	0.85	YES	
L0000305	0	0.78590E-06	485823.5	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000306	0	0.78590E-06	485827.1	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000307	0	0.78590E-06	485830.8	3733680.7	451.9	0.00	1.70	0.85	YES	
L0000308	0	0.78590E-06	485834.4	3733680.8	451.9	0.00	1.70	0.85	YES	
L0000309	0	0.78590E-06	485838.1	3733680.8	451.9	0.00	1.70	0.85	YES	
L0000310	0	0.78590E-06	485841.7	3733680.8	452.0	0.00	1.70	0.85	YES	
L0000311	0	0.78590E-06	485845.4	3733680.9	452.0	0.00	1.70	0.85	YES	
L0000312	0	0.78590E-06	485849.1	3733680.9	452.0	0.00	1.70	0.85	YES	
L0000313	0	0.78590E-06	485852.7	3733680.9	452.1	0.00	1.70	0.85	YES	
L0000314	0	0.78590E-06	485856.4	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000315	0	0.78590E-06	485860.0	3733681.0	452.1	0.00	1.70	0.85	YES	
L0000316	0	0.78590E-06	485863.7	3733681.0	452.2	0.00	1.70	0.85	YES	
L0000317	0	0.78590E-06	485867.3	3733681.1	452.2	0.00	1.70	0.85	YES	
L0000318	0	0.78590E-06	485871.0	3733681.1	452.2	0.00	1.70	0.85	YES	

```
L0000319         0   0.78590E-06  485874.7 3733681.1   452.2     0.00     1.70     0.85     YES
L0000320         0   0.78590E-06  485878.3 3733681.1   452.2     0.00     1.70     0.85     YES
```


*** VOLUME SOURCE DATA ***

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

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,

L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,

L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,

L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,

L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,

L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,

L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,

L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,

L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,

L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,

L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,

L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,

L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,

L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,

L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,

L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , L0000278 , L0000279 , L0000280 ,

L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , L0000286 , L0000287 , L0000288 ,

L0000289 , L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 ,

L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 ,

L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 ,

L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000320 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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

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

URBAN ID	URBAN POP	SOURCE IDs

```
             2189641.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    , L0000007    ,
L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    , L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    , L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    , L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    , L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    , L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    , L0000126    , L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    , L0000159    , L0000160    ,
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

```
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           L0000161    , L0000162    , L0000163    , L0000164    , L0000165    , L0000166    , L0000167    , L0000168    ,
           L0000169    , L0000170    , L0000171    , L0000172    , L0000173    , L0000174    , L0000175    , L0000176    ,
           L0000177    , L0000178    , L0000179    , L0000180    , L0000181    , L0000182    , L0000183    , L0000184    ,
           L0000185    , L0000186    , L0000187    , L0000188    , L0000189    , L0000190    , L0000191    , L0000192    ,
           L0000193    , L0000194    , L0000195    , L0000196    , L0000197    , L0000198    , L0000199    , L0000200    ,
           L0000201    , L0000202    , L0000203    , L0000204    , L0000205    , L0000206    , L0000207    , L0000208    ,
           L0000209    , L0000210    , L0000211    , L0000212    , L0000213    , L0000214    , L0000215    , L0000216    ,
           L0000217    , L0000218    , L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    ,
           L0000225    , L0000226    , L0000227    , L0000228    , L0000229    , L0000230    , L0000231    , L0000232    ,
           L0000233    , L0000234    , L0000235    , L0000236    , L0000237    , L0000238    , L0000239    , L0000240    ,
           L0000241    , L0000242    , L0000243    , L0000244    , L0000245    , L0000246    , L0000247    , L0000248    ,
           L0000249    , L0000250    , L0000251    , L0000252    , L0000253    , L0000254    , L0000255    , L0000256    ,
           L0000257    , L0000258    , L0000259    , L0000260    , L0000261    , L0000262    , L0000263    , L0000264    ,
           L0000265    , L0000266    , L0000267    , L0000268    , L0000269    , L0000270    , L0000271    , L0000272    ,
           L0000273    , L0000274    , L0000275    , L0000276    , L0000277    , L0000278    , L0000279    , L0000280    ,
           L0000281    , L0000282    , L0000283    , L0000284    , L0000285    , L0000286    , L0000287    , L0000288    ,
           L0000289    , L0000290    , L0000291    , L0000292    , L0000293    , L0000294    , L0000295    , L0000296    ,
           L0000297    , L0000298    , L0000299    , L0000300    , L0000301    , L0000302    , L0000303    , L0000304    ,
           L0000305    , L0000306    , L0000307    , L0000308    , L0000309    , L0000310    , L0000311    , L0000312    ,
           L0000313    , L0000314    , L0000315    , L0000316    , L0000317    , L0000318    , L0000319    , L0000320    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 URBAN ID   URBAN POP                                   SOURCE IDs
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            L0000321    , L0000322    , L0000323    , L0000324    , L0000325    , L0000326    , L0000327    ,

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                     PAGE  17
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

      484830.9,  484880.9,  484930.9,  484980.9,  485030.9,  485080.9,  485130.9,  485180.9,  485230.9,  485280.9,
      485330.9,  485380.9,  485430.9,  485480.9,  485530.9,  485580.9,  485630.9,  485680.9,  485730.9,  485780.9,
      485830.9,

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

     3733366.5, 3733416.5, 3733466.5, 3733516.5, 3733566.5, 3733616.5, 3733666.5, 3733716.5, 3733766.5, 3733816.5,
     3733866.5, 3733916.5, 3733966.5, 3734016.5, 3734066.5, 3734116.5, 3734166.5, 3734216.5, 3734266.5, 3734316.5,
     3734366.5,

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                     PAGE  18
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     484830.89    484880.89    484930.89    484980.89    485030.89    485080.89    485130.89    485180.89    485230.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |        450.50       451.00       451.60       452.10       452.40       452.90       453.30       453.70       454.10
 3734316.49 |        450.20       450.70       451.30       451.80       452.30       452.60       453.00       453.30       453.70
 3734266.49 |        449.90       450.40       451.00       451.60       452.00       452.40       452.70       453.00       453.30
 3734216.49 |        449.50       450.00       450.60       451.20       451.70       452.10       452.40       452.70       452.90
 3734166.49 |        449.20       449.80       450.20       450.70       451.30       451.80       452.10       452.40       452.60
 3734116.49 |        448.80       449.30       449.80       450.20       450.80       451.30       451.80       452.10       452.30
 3734066.49 |        448.50       448.80       449.40       449.90       450.30       450.80       451.20       451.50       451.90
 3734016.49 |        448.00       448.50       448.90       449.40       449.80       450.30       450.60       451.00       451.20
 3733966.49 |        447.80       448.10       448.40       449.00       449.30       449.70       450.00       450.30       450.60
```

3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	450.50	451.00	451.60	452.10	452.40	452.90	453.30	453.70	454.10
3734316.49	450.20	450.70	451.30	451.80	452.30	452.60	453.00	453.30	453.70
3734266.49	449.90	450.40	451.00	451.60	452.00	452.40	452.70	453.00	453.30
3734216.49	449.50	450.00	450.60	451.20	451.70	452.10	452.40	452.70	452.90
3734166.49	449.20	449.80	450.20	450.70	451.30	451.80	452.10	452.40	452.60
3734116.49	448.80	449.30	449.80	450.20	450.80	451.30	451.80	452.10	452.30

3734066.49	448.50	448.80	449.40	449.90	450.30	450.80	451.20	451.50	451.90
3734016.49	448.00	448.50	448.90	449.40	449.80	450.30	450.60	451.00	451.20
3733966.49	447.80	448.10	448.40	449.00	449.30	449.70	450.00	450.30	450.60
3733916.49	447.30	447.80	448.10	448.50	448.80	449.20	449.40	449.60	450.00
3733866.49	447.00	447.50	447.70	448.00	448.40	448.70	448.70	449.20	449.60
3733816.49	446.60	447.00	447.30	447.60	447.90	448.20	448.50	449.00	449.20
3733766.49	446.20	446.50	447.00	447.30	447.60	447.90	448.20	448.50	448.80
3733716.49	445.80	446.30	446.60	446.90	447.20	447.60	447.80	448.10	448.40
3733666.49	445.50	446.00	446.30	446.60	446.90	447.20	447.50	447.80	447.90
3733616.49	445.30	445.60	445.90	446.30	446.60	446.90	447.10	447.40	447.50
3733566.49	445.10	445.40	445.70	446.00	446.30	446.60	446.80	446.90	447.10
3733516.49	444.80	445.20	445.60	446.00	445.80	446.30	446.50	446.50	446.60
3733466.49	444.80	445.10	445.40	445.60	445.80	446.20	446.30	446.30	446.00
3733416.49	444.50	444.80	445.10	445.40	445.80	446.10	445.90	445.80	445.80
3733366.49	444.30	444.60	444.90	445.20	445.50	445.60	445.70	445.90	446.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	454.30	454.60	454.60	454.90	455.00	455.50	455.90	456.40	456.90
3734316.49	453.90	454.10	454.30	454.40	454.70	455.10	455.60	456.10	456.50
3734266.49	453.60	453.70	453.90	454.10	454.50	454.80	455.20	455.70	456.00
3734216.49	453.10	453.40	453.50	453.70	454.00	454.60	454.90	455.20	455.60
3734166.49	452.80	452.90	453.10	453.40	453.80	454.10	454.40	454.70	455.20
3734116.49	452.40	452.40	452.60	452.90	453.30	453.60	453.90	454.30	454.80
3734066.49	451.90	451.90	452.00	452.50	452.80	453.30	453.60	454.00	454.30
3734016.49	451.40	451.40	451.70	452.10	452.40	452.80	453.20	453.50	453.80
3733966.49	450.80	451.00	451.30	451.70	452.10	452.40	452.80	453.10	453.40
3733916.49	450.30	450.60	450.90	451.30	451.60	452.00	452.30	452.50	452.90
3733866.49	449.90	450.10	450.40	450.70	451.10	451.50	451.80	452.10	452.40
3733816.49	449.40	449.60	449.80	450.20	450.50	451.00	451.30	451.60	451.60
3733766.49	448.90	449.00	449.30	449.60	450.00	450.50	450.80	451.00	451.20
3733716.49	448.40	448.60	448.80	449.10	449.50	449.90	450.30	450.50	450.90
3733666.49	448.20	448.20	448.50	448.70	449.10	449.50	449.80	450.00	450.30
3733616.49	447.80	448.00	448.20	448.40	448.70	449.00	449.30	449.30	449.70
3733566.49	447.40	447.70	448.00	448.20	448.50	448.80	448.80	448.80	449.50
3733516.49	446.90	447.40	447.80	448.10	448.60	448.80	449.00	449.30	449.40
3733466.49	446.30	447.00	447.60	448.00	448.50	448.90	449.10	449.40	449.70
3733416.49	446.20	446.80	447.10	447.70	448.20	448.70	449.10	449.40	449.40
3733366.49	446.60	446.70	446.80	446.90	447.40	448.30	448.90	448.90	449.00

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485730.89	485780.89	485830.89
3734366.49	457.30	457.80	458.20
3734316.49	456.90	457.40	457.90
3734266.49	456.60	456.90	457.50
3734216.49	456.10	456.60	457.00
3734166.49	455.60	456.10	456.50
3734116.49	455.10	455.60	456.00
3734066.49	454.70	455.20	455.50
3734016.49	454.20	454.70	455.00
3733966.49	453.70	454.10	454.50
3733916.49	453.20	453.50	454.00
3733866.49	452.40	452.80	453.20
3733816.49	451.80	452.30	452.70
3733766.49	451.40	451.90	452.20
3733716.49	451.20	451.50	452.00
3733666.49	451.00	451.50	452.00
3733616.49	450.90	451.30	451.80
3733566.49	450.40	451.00	451.50
3733516.49	450.20	450.80	451.20
3733466.49	450.00	450.50	450.90
3733416.49	449.80	450.30	450.60
3733366.49	449.60	450.00	450.40

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

```
( 484919.1, 3733818.8,     447.3,     447.3,       0.0);         ( 485294.5, 3733822.3,     449.5,     449.5,       0.0);
( 485518.2, 3733824.8,     450.9,     450.9,       0.0);         ( 485103.3, 3733886.8,     448.9,     448.9,       0.0);
```

*** 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
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\New MET data\PERI_V9_ADJU\PERI_v9.SFC Met Version: 16216
Profile file: E:\New MET data\PERI_V9_ADJU\PERI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5

10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 484830.89	484880.89	484930.89	484980.89	485030.89	485080.89	485130.89	485180.89	485230.89
3734366.49	0.00056	0.00058	0.00059	0.00061	0.00062	0.00064	0.00065	0.00065	0.00066
3734316.49	0.00061	0.00063	0.00065	0.00067	0.00069	0.00070	0.00072	0.00072	0.00073
3734266.49	0.00067	0.00070	0.00073	0.00075	0.00077	0.00079	0.00080	0.00081	0.00082
3734216.49	0.00075	0.00078	0.00081	0.00084	0.00086	0.00088	0.00090	0.00091	0.00092
3734166.49	0.00084	0.00088	0.00092	0.00095	0.00098	0.00100	0.00102	0.00103	0.00104
3734116.49	0.00095	0.00100	0.00104	0.00108	0.00112	0.00115	0.00117	0.00118	0.00119
3734066.49	0.00109	0.00115	0.00121	0.00125	0.00130	0.00133	0.00135	0.00137	0.00139
3734016.49	0.00127	0.00135	0.00142	0.00148	0.00152	0.00156	0.00159	0.00162	0.00163
3733966.49	0.00151	0.00161	0.00170	0.00177	0.00183	0.00188	0.00191	0.00194	0.00196
3733916.49	0.00185	0.00199	0.00210	0.00219	0.00226	0.00231	0.00236	0.00239	0.00241

3733866.49	0.00238	0.00256	0.00270	0.00281	0.00289	0.00296	0.00301	0.00304	0.00307
3733816.49	0.00327	0.00351	0.00370	0.00383	0.00393	0.00401	0.00407	0.00411	0.00415
3733766.49	0.00509	0.00544	0.00567	0.00584	0.00597	0.00607	0.00615	0.00621	0.00626
3733716.49	0.01083	0.01134	0.01169	0.01195	0.01217	0.01236	0.01253	0.01268	0.01282
3733666.49	0.07625	0.07223	0.06848	0.06506	0.06196	0.05913	0.05655	0.05420	0.05201
3733616.49	0.00945	0.00978	0.00996	0.01005	0.01009	0.01010	0.01009	0.01006	0.01002
3733566.49	0.00496	0.00528	0.00548	0.00560	0.00568	0.00573	0.00576	0.00578	0.00578
3733516.49	0.00327	0.00354	0.00372	0.00384	0.00392	0.00398	0.00401	0.00404	0.00405
3733466.49	0.00239	0.00261	0.00276	0.00287	0.00295	0.00301	0.00305	0.00307	0.00308
3733416.49	0.00187	0.00203	0.00217	0.00226	0.00234	0.00239	0.00242	0.00245	0.00246
3733366.49	0.00152	0.00165	0.00176	0.00184	0.00191	0.00196	0.00199	0.00202	0.00203

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

Y-COORD (METERS)	X-COORD (METERS) 485280.89	485330.89	485380.89	485430.89	485480.89	485530.89	485580.89	485630.89	485680.89
3734366.49	0.00066	0.00066	0.00066	0.00065	0.00064	0.00063	0.00062	0.00060	0.00059
3734316.49	0.00073	0.00073	0.00073	0.00072	0.00072	0.00070	0.00069	0.00067	0.00065
3734266.49	0.00082	0.00082	0.00082	0.00081	0.00080	0.00078	0.00077	0.00074	0.00072
3734216.49	0.00092	0.00092	0.00092	0.00091	0.00090	0.00088	0.00086	0.00084	0.00081
3734166.49	0.00105	0.00105	0.00104	0.00104	0.00102	0.00100	0.00098	0.00095	0.00092
3734116.49	0.00120	0.00120	0.00120	0.00119	0.00117	0.00115	0.00112	0.00109	0.00105
3734066.49	0.00139	0.00140	0.00139	0.00138	0.00136	0.00134	0.00131	0.00127	0.00122
3734016.49	0.00164	0.00164	0.00164	0.00163	0.00161	0.00158	0.00154	0.00150	0.00144
3733966.49	0.00197	0.00197	0.00197	0.00195	0.00193	0.00190	0.00186	0.00180	0.00174
3733916.49	0.00242	0.00243	0.00242	0.00241	0.00238	0.00235	0.00230	0.00224	0.00216
3733866.49	0.00309	0.00309	0.00309	0.00308	0.00305	0.00302	0.00297	0.00289	0.00280
3733816.49	0.00417	0.00418	0.00418	0.00417	0.00415	0.00412	0.00406	0.00399	0.00388
3733766.49	0.00630	0.00632	0.00634	0.00634	0.00634	0.00631	0.00627	0.00620	0.00608
3733716.49	0.01296	0.01308	0.01319	0.01330	0.01339	0.01346	0.01352	0.01356	0.01354
3733666.49	0.05000	0.04812	0.04639	0.04476	0.04323	0.04179	0.04041	0.03907	0.03776
3733616.49	0.00997	0.00991	0.00983	0.00975	0.00965	0.00954	0.00941	0.00924	0.00903
3733566.49	0.00577	0.00575	0.00572	0.00568	0.00562	0.00555	0.00546	0.00534	0.00519
3733516.49	0.00405	0.00404	0.00402	0.00399	0.00395	0.00389	0.00382	0.00372	0.00359
3733466.49	0.00309	0.00308	0.00307	0.00304	0.00301	0.00296	0.00290	0.00282	0.00271
3733416.49	0.00247	0.00247	0.00245	0.00243	0.00240	0.00236	0.00231	0.00224	0.00216

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 3733366.49 |       0.00204      0.00203      0.00202      0.00201      0.00198      0.00195      0.00190      0.00185      0.00178

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                      PAGE  29
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

   Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     485730.89    485780.89    485830.89
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3734366.49 |       0.00056      0.00054      0.00052
 3734316.49 |       0.00062      0.00060      0.00057
 3734266.49 |       0.00069      0.00066      0.00063
 3734216.49 |       0.00077      0.00074      0.00070
 3734166.49 |       0.00088      0.00083      0.00078
 3734116.49 |       0.00100      0.00095      0.00089
 3734066.49 |       0.00116      0.00109      0.00102
 3734016.49 |       0.00137      0.00129      0.00119
 3733966.49 |       0.00165      0.00155      0.00142
 3733916.49 |       0.00205      0.00192      0.00175
 3733866.49 |       0.00267      0.00249      0.00226
 3733816.49 |       0.00372      0.00348      0.00314
 3733766.49 |       0.00591      0.00561      0.00509
 3733716.49 |       0.01345      0.01320      0.01253
 3733666.49 |       0.03645      0.03501      0.03314
 3733616.49 |       0.00875      0.00833      0.00760
 3733566.49 |       0.00498      0.00467      0.00423
 3733516.49 |       0.00343      0.00321      0.00292
 3733466.49 |       0.00258      0.00242      0.00223
 3733416.49 |       0.00206      0.00194      0.00180
 3733366.49 |       0.00170      0.00161      0.00150

*** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
*** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                      PAGE  30
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        484919.14    3733818.79        0.00360                     485294.54    3733822.32        0.00401
        485518.20    3733824.78        0.00390                     485103.33    3733886.78        0.00268

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
 *** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                        PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                                                                                                          NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.07625 AT (  484830.89,  3733666.49,   445.50,   445.50,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.07223 AT (  484880.89,  3733666.49,   446.00,   446.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.06848 AT (  484930.89,  3733666.49,   446.30,   446.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.06506 AT (  484980.89,  3733666.49,   446.60,   446.60,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.06196 AT (  485030.89,  3733666.49,   446.90,   446.90,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS       0.05913 AT (  485080.89,  3733666.49,   447.20,   447.20,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS       0.05655 AT (  485130.89,  3733666.49,   447.50,   447.50,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.05420 AT (  485180.89,  3733666.49,   447.80,   447.80,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS       0.05201 AT (  485230.89,  3733666.49,   447.90,   447.90,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.05000 AT (  485280.89,  3733666.49,   448.20,   448.20,    0.00)  GC  UCART1


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

 *** AERMOD - VERSION  18081 ***   *** Menifee North SP                                                    ***        06/21/19
 *** AERMET - VERSION  16216 ***   *** 2nd 14 YR Exposure 2040-53                                          ***        15:04:01
                                                                                                                        PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

```
A Total of            0 Fatal Error Message(s)
A Total of            4 Warning Message(s)
A Total of         2028 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          978 Calm Hours Identified

A Total of         1050 Missing Hours Identified (  2.40 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186     735       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187     735       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:      14010101
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:    2 year gap

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

EMFAC2017 for Riverside (SC) PM10 Running Exhaust Averages at bottom of the sheet

Area	Season	Veh	Fuel	MdlYr	Speed (Miles/hr)	2023 (gms/mile)	2024 (gms/mile)	2025 (gms/mile)	2026 (gms/mile)	2027 (gms/mile)	2028 (gms/mile)	2029 (gms/mile)	2030 (gms/mile)	2031 (gms/mile)	2032 (gms/mile)	2033 (gms/mile)	2034 (gms/mile)
Riverside (SC)	Annual	LDA	GAS	AllMYr	50	0.001014	0.000973	0.000939	0.000901	0.000857	0.000807	0.000758	0.000712	0.000669	0.000629	0.000592	0.000559
Riverside (SC)	Annual	LDA	DSL	AllMYr	50	0.004983	0.004213	0.003665	0.003035	0.002559	0.002182	0.001905	0.001642	0.001488	0.001318	0.001205	0.001105
Riverside (SC)	Annual	LDT1	GAS	AllMYr	50	0.001491	0.001377	0.001281	0.001192	0.001103	0.001015	0.000935	0.000862	0.000795	0.000737	0.000686	0.00064
Riverside (SC)	Annual	LDT1	DSL	AllMYr	50	0.119487	0.109435	0.097641	0.083575	0.050594	0.035288	0.016963	0.008827	0.006128	0.005743	0.004705	0.004534
Riverside (SC)	Annual	LDT2	GAS	AllMYr	50	0.001051	0.001009	0.000974	0.000934	0.000887	0.000834	0.000783	0.000736	0.000693	0.000652	0.000615	0.00058
Riverside (SC)	Annual	LDT2	DSL	AllMYr	50	0.004895	0.003877	0.003744	0.003673	0.003502	0.003484	0.003478	0.003468	0.003479	0.003484	0.003495	0.003511
Riverside (SC)	Annual	LHDT1	GAS	AllMYr	45	0.000887	0.000878	0.000872	0.014198	0.000867	0.000867	0.000865	0.000862	0.000857	0.000855	0.000854	0.000847
Riverside (SC)	Annual	LHDT1	DSL	AllMYr	45	0.016944	0.01601	0.015095	0.014198	0.013327	0.012498	0.011708	0.01097	0.010286	0.009675	0.009114	0.008604
Riverside (SC)	Annual	LHDT2	GAS	AllMYr	45	0.000777	0.000773	0.000775	0.000777	0.000780	0.000783	0.000787	0.000792	0.000795	0.0008	0.000805	0.000811
Riverside (SC)	Annual	LHDT2	DSL	AllMYr	45	0.016655	0.016238	0.015848	0.015467	0.015104	0.014774	0.014473	0.014194	0.013918	0.013689	0.013467	0.013244
Riverside (SC)	Annual	MDV	GAS	AllMYr	45	0.001102	0.001055	0.001017	0.000978	0.000932	0.000881	0.000832	0.000786	0.000743	0.000704	0.000666	0.00063
Riverside (SC)	Annual	MDV	DSL	AllMYr	45	0.004055	0.003725	0.00339	0.003124	0.002788	0.002485	0.002242	0.002035	0.001861	0.001721	0.001597	0.001474
Riverside (SC)	Annual	MHDT	GAS	AllMYr	40	0.000862	0.000865	0.000871	0.000879	0.000886	0.000893	0.000899	0.000905	0.00091	0.000914	0.000918	0.000921
Riverside (SC)	Annual	MHDT	DSL	AllMYr	40	0.004833	0.00488	0.004905	0.004912	0.004905	0.00491	0.004912	0.004905	0.004895	0.004885	0.004878	0.004864
Riverside (SC)	Annual	HHDT	GAS	AllMYr	40	0.000889	0.000894	0.000913	0.000911	0.000917	0.000925	0.000928	0.000914	0.000912	0.000918	0.000923	0.000926
Riverside (SC)	Annual	HHDT	DSL	AllMYr	40	0.011019	0.011175	0.011208	0.01117	0.011113	0.011045	0.010952	0.01086	0.010782	0.010706	0.010631	0.01054

		1 yr	14 yr	14 yr	2 yr
		2023	2026-2039	2040-2053	2024-2025
LDA	50	0.00498325	0.0014891	0.0006389	0.003939
LDT1	50	0.11948705	0.0169435	0.003741	0.103538
LDT2	50	0.00489469	0.0035199	0.0035946	0.00381
MDV	45	0.00405456	0.0018047	0.0008024	0.003557
LHDT1	45	0.01694433	0.0097857	0.0049514	0.015553
LHDT2	45	0.01665474	0.0137266	0.0121833	0.016043
MHDT	40	0.004833	0.004863	0.004690	0.004893
HHDT	40	0.011019	0.010697	0.010348	0.011192

2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
(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)
0.000528	0.000501	0.000477	0.000456	0.000438	0.000422	0.000409	0.000399	0.00039	0.000383	0.000377	0.000373	0.000369	0.000366	0.000364	0.000363	0.000363	0.000363	0.000363
0.001016	0.000936	0.000871	0.000816	0.000771	0.000733	0.000703	0.000679	0.000661	0.000646	0.000635	0.000626	0.000619	0.000613	0.000609	0.000605	0.000605	0.000605	0.000605
0.000601	0.000569	0.000541	0.000515	0.000492	0.000472	0.000457	0.000443	0.000431	0.00042	0.000411	0.000402	0.000395	0.000389	0.000385	0.000381	0.000381	0.000381	0.000381
0.004403	0.004288	0.004195	0.004042	0.003922	0.003892	0.00375	0.003744	0.003738	0.003734	0.003729	0.003727	0.003725	0.003724	0.003723	0.003722	0.003722	0.003722	0.003722
0.000549	0.000521	0.000496	0.000474	0.000455	0.000438	0.000425	0.000414	0.000405	0.000397	0.00039	0.000384	0.000379	0.000375	0.000373	0.000371	0.000371	0.000371	0.000371
0.00352	0.003532	0.003543	0.003551	0.003559	0.003566	0.003572	0.003578	0.003583	0.003588	0.003592	0.003597	0.0036	0.003604	0.003607	0.003609	0.003609	0.003609	0.003609
0.000843	0.000844	0.000845	0.000846	0.000845	0.000846	0.000425	0.000849	0.00085	0.00085	0.00085	0.00085	0.00085	0.00085	0.000852	0.000853	0.000853	0.000853	0.000853
0.008124	0.007693	0.007286	0.006922	0.006595	0.006303	0.000848	0.005827	0.005646	0.005484	0.005347	0.005225	0.005121	0.005031	0.004952	0.004884	0.004884	0.004884	0.004884
0.000814	0.000819	0.000824	0.000829	0.000832	0.000836	0.00084	0.000843	0.000845	0.000847	0.000849	0.00085	0.000851	0.000852	0.000853	0.000854	0.000854	0.000854	0.000854
0.013012	0.012881	0.012758	0.012646	0.012545	0.012471	0.012414	0.012377	0.012355	0.0123	0.012255	0.012198	0.012155	0.012113	0.01206	0.011967	0.011967	0.011967	0.011967
0.000597	0.000568	0.000542	0.000519	0.000497	0.000477	0.000462	0.000448	0.000436	0.000425	0.000415	0.000406	0.000399	0.000391	0.000388	0.000385	0.000385	0.000385	0.000385
0.001367	0.00127	0.001172	0.001098	0.001033	0.000976	0.000927	0.000885	0.00085	0.000823	0.0008	0.000782	0.000766	0.000753	0.000743	0.000732	0.000732	0.000732	0.000732
0.000924	0.000926	0.000928	0.00093	0.000931	0.000932	0.000933	0.000934	0.000934	0.000935	0.000935	0.000935	0.000936	0.000936	0.000936	0.000936	0.000936	0.000936	0.000936
0.004843	0.004822	0.004802	0.004783	0.004762	0.004743	0.004726	0.004712	0.004701	0.004692	0.004686	0.004681	0.004677	0.004674	0.004673	0.004673	0.004673	0.004673	0.004673
0.000929	0.000931	0.000933	0.000934	0.000935	0.000935	0.000936	0.000936	0.000936	0.000936	0.000936	0.000936	0.000936	0.000936	0.000937	0.000937	0.000937	0.000937	0.000937
0.010464	0.010416	0.010379	0.010355	0.010339	0.010333	0.010331	0.010334	0.010338	0.010342	0.010346	0.010349	0.010352	0.010353	0.010355	0.010359	0.010359	0.010359	0.010359

APPENDIX C

SCAQMD Air Permit Information for Nearby Industrial Facilities

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

June 05, 2019

CARISSA HAINSWORTH
MN&A INC
445S. D ST.
PERRIS, CA 92570

Ref.: CONTROL NO. 99988
Received 5/31/2019

Re: EQL'S, COMPLETE ENGRG APPL FILES, & HRA'S FOR SO CAL EDISON CO., 1 MILE SOUTH OF HWY 74, ROMOLAND, CA, ID #91182.

After a thorough search of this agency's records, the following records were found:
EQL'S FOR SO CAL EDISON CO., 1 MILE SOUTH OF HWY 74, ROMOLAND, CA, ID #91182.

The following records were not found:
COMPLETE ENGRG APPL FILES & HRA'S FOR SO CAL EDISON CO., 1 MILE SOUTH OF HWY 74, ROMOLAND, CA, ID #91182.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 06/05/2019

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m**. to **4:30 p.m.**

Sincerely,

BRITTANY PALAGONIA x2362
For COLLEEN PAINE
Public Records Coordinator

:bp

SCAQMD Facility Equipment List Report

Facility: 91182 SOUTHERN CALIFORNIA EDISON COMPANY
Status: Active
MR: SIC: Team: I
Last Inspection: On Hold: Suspended: TS: TS-08 Non-inspection ERC/Banking
Quarter: 0001 - inspect in 4th quarter, every year
Contact: TIM MASON (818) 3022154 RECLAIM: N TITLE V: N AIRS ID:
Assignment:
Location Address: 1 MILE SOUTH OF HWY 74, ROMOLAND 92585 Sector:EP
Inspector:
Mailing Address: P O BOX 800, ROSEMEAD 91770-0800 Sector:CG
Inspection Date:
Instruction:
Disposition:

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category		BCAT/CCAT Description	Application Date	Application Status
294689				000999	BCAT	ERC - RTC CONVERSION	06/30/1994	BANKING/ PLAN GRANTED, NON BILLABLE
265624				040001	BCAT	I C E (50-500 HP) N-EM STAT NAT GAS ONLY	03/30/1992	BANKING/ PLAN GRANTED, NON BILLABLE

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

June 04, 2019

CARISSA HAINSWORTH
MN&A INC
445S. D ST.
PERRIS, CA 92570

Ref.: CONTROL NO. 99983
Received 5/31/2019

Re: EQL'S, COMPLETE ENGRG APPL FILES, & HRA'S FOR ARCO AM/PM, 26050 MENIFEE RD, ROMOLAND, CA, ID #141588.

After a thorough search of this agency's records, the following records were found:
EQL'S & COMPLETE ENGRG APPL FILES AND ALL PREVIOUS FOR ARCO AM/PM, 26050 MENIFEE RD, ROMOLAND, CA, ID #141588.

The following records were not found:
HRA'S FOR ARCO AM/PM, 26050 MENIFEE RD, ROMOLAND, CA, ID #141588.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 06/04/2019

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m**. to **4:30 p.m.**

Sincerely,

BRITTANY PALAGONIA x2362
For COLLEEN PAINE
Public Records Coordinator

:bp

User: bpalagon

SCAQMD Facility Equipment List Report

Run Date : 06/04/2019 08:50 AM

Facility: 141588 ARCO AM/PM - CRESTVIEW
Status: Active
MR:
SIC: 5541
Team: S
Last Inspection: 05/17/2018
On Hold: N
Suspended: N
TS: TS-40 Service Stations: Retail Gasoline Dispensing
Quarter: 0010 - inspect in 3rd quarter, every year
Contact: OMAR HADDADIN (909) 2418980
RECLAIM: N
TITLE V: N
AIRS ID:
Assignment: 1687746
Location Address: 26050 MENIFEE RD, ROMOLAND 92585 Sector:EP
Inspector: AH01 ALFREDO HERRERA
Mailing Address: 26050 MENIFEE RD, ROMOLAND 92585 Sector:EP
Inspection Date: 05/17/2018
Instruction:
Disposition: Operating in Compliance at time of inspection

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category		BCAT/CCAT Description	Application Date	Application Status
491322				666461	BCAT	R-461-GASOLINE TRANSFER AND DISP (GDF)	01/30/2009	BANKING/ PLAN GRANTED, NON BILLABLE
491301	N22955	11/18/2008	ACTIVE	248915	BCAT	SERV STAT STORAGE & DISPENSING GASOLINE	10/01/2008	PERMIT TO OPERATE GRANTED
440627	N16426	03/11/2005	INACTIVE	248915	BCAT	SERV STAT STORAGE & DISPENSING GASOLINE	03/01/2005	PERMIT TO OPERATE GRANTED
433243	N15938	01/13/2005	INACTIVE	248915	BCAT	SERV STAT STORAGE & DISPENSING GASOLINE	07/29/2004	PERMIT TO OPERATE GRANTED

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
N15938
A/N 433243

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner or Operator: ARCO AM/PM – CRESTVIEW CONSOLIDATED, INC.
ATTN: OMAR HADDADIN
P. O. BOX 1772
ROMOLAND, CA 92585

ID 141588

Equipment Location: 26050 MENIFEE RD.
ROMOLAND, CA 92585

Equipment Description:

FUEL STORAGE AND DISPENSING FACILITY CONSISTING OF:

1. 16 - GASOLINE NOZZLES DISPENSING 48 PRODUCTS, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE HI HOSE (G-70-52-AM).

2. 1 - GASOLINE UNDERGROUND STORAGE TANK, 10,000-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM (G-70-97-A), 1 METHANOL COMPATIBLE.

3. 1 - GASOLINE UNDERGROUND STORAGE TANK, 12,000-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM (G-70-97-A), 1 METHANOL COMPATIBLE.

4. 1 - GASOLINE UNDERGROUND STORAGE TANK, 20,000-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM (G-70-97-A), 1 METHANOL COMPATIBLE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.

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CONTINUATION OF PERMIT TO OPERATE

4. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.

5. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.

6. WITHIN THIRTY (30) DAYS FROM THE ISSUANCE DATE OF THIS PERMIT, THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL COMPLETE THE FOLLOWING TASKS:

   A) ENROLL/ATTEND AND PASS AN AQMD APPROVED RULE 461 SELF-COMPLIANCE PROGRAM.
   B) PROVIDE PROOF THAT A PERIODIC COMPLIANCE INSPECTION WAS PERFORMED WITHIN THE LAST TWELVE MONTHS. IF PROOF CAN NOT BE PROVIDED, CONDUCT A PERIODIC COMPLIANCE INSPECTION WITHIN THIRTY (30) DAYS FROM THE ISSUANCE DATE OF THIS PERMIT.
   C) DEVELOP AND IMPLEMENT AN OPERATION AND MAINTENANCE MANUAL. THIS MANUAL SHALL BE KEPT ON SITE AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
   D) PROVIDE PROOF THAT THE REQUIRED VAPOR RECOVERY TESTS AS MENTIONED IN THIS PERMIT TO OPERATE WERE CONDUCTED WITHIN THE LAST SIX MONTHS FOR FACILITIES WITH A MONTHLY THROUGHPUT OF GREATER THAN 100,000 GALLONS PER MONTH; OR WITHIN THE LAST TWELVE MONTHS FOR FACILITIES WITH A MONTHLY THROUGHPUT OF LESS THAN 100,000 GALLONS PER MONTH. IF PROOF CAN NOT BE PROVIDED, CONDUCT THE REQUIRED VAPOR RECOVERY TESTS WITHIN THIRTY (30) DAYS FROM THE ISSUANCE DATE OF THIS PERMIT.

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CONTINUATION OF PERMIT TO OPERATE

7. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.35
80	0.62

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 1. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.

THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE DYNAMIC BACK PRESSURE TESTS.

8. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE STATIC PRESSURE LEAK DECAY TEST.

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9. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

   THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE LIQUID REMOVAL RATE TEST.

10. THE TESTING (FREQUENCY) FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

11. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

12. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 525,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 6,300,000 GALLONS IN ANY ONE CALENDAR YEAR.

13. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

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NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/ccb
1-13-2005

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

Permit No.
N16426
A/N 440627

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner or Operator : ARCO AM/PM - CRESTVIEW
P O BOX 1772
ROMOLAND, CA 92585

ID 141588

Equipment Location: 26050 MENIFEE RD, ROMOLAND, CA 92585

Equipment Description:

Fuel Storage and Dispensing Facility Consisting of:

1) 1 - GASOLINE UNDERGROUND STORAGE TANK, 20,000 GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E), 1 METHANOL COMPATIBLE.

2) 1 - GASOLINE UNDERGROUND STORAGE TANK, 12,000 GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E), 1 METHANOL COMPATIBLE.

3) 1 - GASOLINE UNDERGROUND STORAGE TANK, 10,000 GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E), 1 METHANOL COMPATIBLE.

4) 16 - GASOLINE NOZZLES DISPENSING 48 PRODUCTS, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE HI HOSE (G-70-52-AM).

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE N15938 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS CONSTRUCTED AND OPERATED AS DESCRIBED IN THIS NEW PERMIT. THIS PERMIT TO CONSTRUCT/OPERATE SHALL BECOME INVALID IF THE MODIFICATION AS DESCRIBED IN THE EQUIPMENT DESCRIPTION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE.

4. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.

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CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

5. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.

6. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.

7. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND STORAGE TANK OR PIPING, THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT R461BACKFILL@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE BACK-FILLING PROCEDURE. THE BACK-FILLING PROCEDURE SHALL NOT COMMENCE UNTIL INSPECTED BY A DISTRICT REPRESENTATIVE.

8. DEPENDING ON THE SYSTEM CONFIGURATION, A PRESSURE INTEGRITY TEST OF THE DROP TUBE/DRAIN VALVE ASSEMBLY SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF BOTH THE DROP TUBE AND DRAIN VALVE SEAL OR A PRESSURE INTEGRITY TEST OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND SPILL CONTAINER DRAIN VALVE SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND THE PRESSURE INTEGRITY OF THE SPILL CONTAINER DRAIN VALVE. EITHER TEST SHALL BE CONDUCTED AS A REVERIFICATION TEST AND THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH TEST PROCEDURE METHOD TP-201.1C OR TP-201.1D, RESPECTIVELY. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72)HOURS OF TEST.

   THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF EITHER THE PRESSURE INTEGRITY TEST OF DROP TUBE/DRAIN VALVE ASSEMBLY OR PRESSURE INTEGRITY TEST OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND SPILL CONTAINER DRAIN VALVE.

9. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN THIRTY DAYS (30) AFTER THE START OF OPERATION OF THE OPW PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR THREE (3) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

   THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES.

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10. A STATIC TORQUE TEST OF ROTATABLE PHASE I ADAPTORS SHALL BE CONDUCTED AS A REVERIFICATION TEST TO QUANTIFY THE AMOUNT OF STATIC TORQUE REQUIRED TO START THE ROTATION OF THE ROTATABLE PHASE I ADAPTORS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD OUTLINED IN TP-201.1B. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

    THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE STATIC TORQUE TEST OF ROTATABLE PHASE I ADAPTORS.

11. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.35
80	0.62

    DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 1. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.

    THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE DYNAMIC BACK PRESSURE TESTS.

12. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

    THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE STATIC PRESSURE LEAK DECAY TEST.

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13. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

    THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE LIQUID REMOVAL RATE TEST.

14. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

15. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FOUR YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

16. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 525,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 6,300,000 GALLONS IN ANY ONE CALENDAR YEAR.

17. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

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NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DEVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VOILATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/JM04
03/11/2005

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

Permit No.
N22955
A/N 491301

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: ARCO AM/PM - CRESTVIEW
P. O. BOX 1772
ROMOLAND, CA 92585

ID 141588

Equipment Location: 26050 MENIFEE ROAD, ROMOLAND, CA 92585

Equipment Description:

Fuel Storage and Dispensing Facility Consisting of:

1) 16 - GASOLINE BELLOWS-LESS NOZZLES DISPENSING 48 PRODUCTS EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, HEALY PHASE II ENHANCED VAPOR RECOVERY (EVR) SYSTEM INCLUDING IN-STATION DIAGNOSTICS (ISD) SYSTEM (VR-202-H).

2) 1 - GASOLINE UNDERGROUND STORAGE TANK, 20,000 GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E/I), 1 METHANOL COMPATIBLE.

3) 1 - GASOLINE UNDERGROUND STORAGE TANK, 12,000 GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E/I), 1 METHANOL COMPATIBLE.

4) 1 - GASOLINE UNDERGROUND STORAGE TANK, 10,000 GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E/I), 1 METHANOL COMPATIBLE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE N16426 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS CONSTRUCTED AND OPERATED AS DESCRIBED IN THIS NEW PERMIT. THIS PERMIT TO CONSTRUCT/OPERATE SHALL BECOME INVALID IF THE MODIFICATION AS DESCRIBED IN THE EQUIPMENT DESCRIPTION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE. IF THE MODIFICATION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE OF THE PERMIT, A WRITTEN REQUEST SHALL BE SUBMITTED TO THE AQMD (ATTENTION: RANDY MATSUYAMA) TO REINSTATE THE PREVIOUSLY INACTIVATED PERMIT TO OPERATE. A NEW APPLICATION SHALL BE FILED IF THERE ARE PLANS TO CONTINUE WITH THE MODIFICATION. FURTHERMORE, THIS CONDITION DOES NOT ALLOW

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ANY TIME EXTENSIONS TO ANY MODIFICATIONS REQUIRED BY THE CALIFORNIA AIR RESOURCES BOARD OR AQMD.

4. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.

5. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.

6. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.

7. THE DISTRICT AT ITS DISCRETION MAY WISH TO WITNESS THE INSTALLATION AND/OR PERFORMANCE TESTING OF THE HEALY PHASE II EVR SYSTEM INCLUDING ISD SYSTEM. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE INSTALLATION AND PERFORMANCE TESTING OF THE HEALY PHASE II EVR SYSTEM INCLUDING ISD SYSTEM, THE APPLICANT SHALL NOTIFY THE AQMD AT TELEPHONE NUMBER (866) 770-9140.

8. NEW EQUIPMENT INSTALLATIONS AND SUBSEQUENT SERVICE AND REPAIRS FOR ANY CERTIFIED COMPONENT FOR WHICH THIS PERMIT WAS ISSUED, SHALL ONLY BE PERFORMED BY A CURRENT AND CERTIFIED PERSON WHO HAS SUCCESSFULLY COMPLETED THE MANUFACTURER'S TRAINING COURSE AND APPROPRIATE INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION. COMPLETION OF ANY AQMD TRAINING COURSE DOES NOT CONSTITUTE AS A SUBSTITUTE FOR THIS REQUIREMENT. PROOF OF SUCCESSFUL COMPLETION OF ANY MANUFACTURER TRAINING COURSE SHALL BE WITH THE MANUFACTURER.

9. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND STORAGE TANK OR PIPING, THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT R461BACKFILL@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE BACK-FILLING PROCEDURE. THE BACK-FILLING PROCEDURE SHALL NOT COMMENCE UNTIL INSPECTED BY A DISTRICT REPRESENTATIVE.

10. DEPENDING ON THE SYSTEM CONFIGURATION, A LEAK RATE TEST OF THE DROP TUBE/DRAIN VALVE ASSEMBLY SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF BOTH THE DROP TUBE AND DRAIN VALVE SEAL OR A LEAK RATE TEST OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND DRAIN VALVE SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND THE PRESSURE INTEGRITY OF THE SPILL CONTAINER DRAIN VALVE. EITHER TEST SHALL BE CONDUCTED AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH TEST PROCEDURE METHOD TP-201.1C (OCTOBER 8, 2003) OR TP-201.1D (OCTOBER 8, 2003), RESPECTIVELY. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

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11. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN TEN DAYS (10) AFTER THE START OF OPERATION OF THE OPW PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E (OCTOBER 8, 2003). RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR THREE (3) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

12. A STATIC TORQUE TEST OF ROTATABLE PHASE I ADAPTORS SHALL BE CONDUCTED TO QUANTIFY THE AMOUNT OF STATIC TORQUE REQUIRED TO START THE ROTATION OF THE ROTATABLE PHASE I ADAPTORS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD OUTLINED IN TP-201.1B (OCTOBER 8, 2003) AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

13. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE RISER, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURE DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.50

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 4 AND 6 (JULY 3, 2002); AS A PERFORMANCE TEST. THIS TEST SHALL BE A ONE-TIME PERFORMANCE TEST AND THE RESULTS KEPT PERMANENTLY ON SITE. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.

14. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3 (MARCH 17, 1999) AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

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CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

15. A STATIC PRESSURE PERFORMANCE TEST FOR THE HEALY CLEAN AIR SEPARATOR USING BOTH THE VACUUM DECAY PROCEDURE AND THE POSITIVE PRESSURE PROCEDURE SHALL BE CONDUCTED TO QUANTIFY THE VAPOR TIGHTNESS OF THE HEALY CLEAN AIR SEPARATOR TANK PRESSURE MANAGEMENT SYSTEM. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH EXHIBIT 4 OF CARB EXECUTIVE ORDER VR-202-H AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

16. A VAPOR TO LIQUID VOLUME RATIO TEST SHALL BE CONDUCTED TO QUANTIFY THE VAPOR TO LIQUID (V/L) VOLUMETRIC RATIO OF THE HEALY CLEAN AIR SEPARATOR SYSTEM. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH EXHIBIT 5 OF CARB EXECUTIVE ORDER VR-202-H AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

17. A NOZZLE BAG TEST SHALL BE CONDUCTED ON THE HEALY PHASE II EVR NOZZLES TO VERIFY THE INTEGRITY OF THE VAPOR VALVE. THE TEST SHALL BE CONDUCTED ON ANY NEWLY INSTALLED OR REPLACED HEALY PHASE II EVR NOZZLES AND IN ACCORDANCE WITH EXHIBIT 7 OF CARB EXECUTIVE ORDER VR-202-H. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

18. THE STATIC PRESSURE LEAK DECAY TEST TP-201.3, SHALL BE CONDUCTED IN ACCORDANCE WITH EXHIBIT 8 OF CARB EXECUTIVE ORDER VR-202-H. VERIFICATION OF COMPLETING EACH STEP AS OUTLINED SHALL BE DOCUMENTED BY SUBMITTING A COPY OF EXHIBIT 8 TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

19. AN ISD OPERABILITY TEST SHALL BE CONDUCTED IN ACCORDANCE WITH EITHER EXHIBIT 9 FOR THE VEEDER-ROOT ISD SYSTEM OR EXHIBIT 10 FOR THE INCON VRM SYSTEM OF CARB EXECUTIVE ORDER VR-202-H TO VERIFY THE EQUIPMENT'S OPERABILITY FOR VAPOR CONTAINMENT MONITORING AND VAPOR COLLECTION MONITORING. THE TEST SHALL BE CONDUCTED AS A PERFORMANCE TEST AND REVERIFICATION TEST. FURTHERMORE, THE ISD OPERABILITY TEST SHALL BE CONDUCTED IMMEDIATELY WHENEVER A VAPOR PRESSURE SENSOR OR A VAPOR FLOW METER IS REPLACED. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

20. UNLESS AQMD RULE 461 REQUIRES A MORE FREQUENT TESTING OR INSPECTION SCHEDULE, THE OWNER/OPERATOR SHALL BE RESPONSIBLE TO PERFORM THE SCHEDULED WEEKLY, QUARTERLY, AND ANNUAL INSPECTIONS AS OUTLINED IN THE ARB APPROVED INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR THE HEALY PHASE II EVR SYSTEMS, AS WELL AS ALL THE REQUIRED VAPOR RECOVERY SYSTEM TESTS AS PER THE CURRENT AND APPROPRIATE ARB EXECUTIVE ORDER.

21. A CARB CERTIFIED PHASE II ENHANCED VAPOR RECOVERY SYSTEM SHALL BE FULLY PERMITTED, INSTALLED, AND TESTED BY OCTOBER 1, 2008. FAILURE TO ACHIEVE THIS CONDITION BY OCTOBER 1, 2008, SHALL RESULT IN THE OWNER/OPERATOR TO FILE A DISTRICT APPROVED COMPLIANCE PLAN OUTLINING THE INCREMENTS OF PROGRESS

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TOWARDS COMPLETING THE INSTALLATION OF A CARB CERTIFIED PHASE II ENHANCED VAPOR RECOVERY SYSTEM BY APRIL 1, 2009.

22. IF THE OWNER/OPERATOR PLANS TO PERMANENTLY CEASE ALL GASOLINE DISPENSING OPERATIONS BEFORE APRIL 1, 2009, A COMPLIANCE PLAN SHALL BE FILED DECLARING TO IRREVOCABLY SURRENDER THEIR PERMIT TO OPERATE.

23. THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.

24. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

25. WITHIN TWO (2) HOURS OF DETECTING THE FIRST ISD WARNING ALARM BY THE ISD SYSTEM, THE FACILITY ATTENDANT SHALL NOTIFY THE RESPONSIBLE COMPANY OFFICIAL OR THEIR DESIGNEE AND REQUEST IMMEDIATE SERVICE TO CORRECT THE PROBLEM. ALL INFORMATION RELATING TO THE ALARM EVENT AND REPORTING SHALL BE IMMEDIATELY RECORDED ON AN AQMD APPROVED FORM AND SHALL BE MADE AVAILABLE TO THE DISTRICT REPRESENTATIVE UPON REQUEST. ONLY PERSONS AUTHORIZED BY THE APPLICABLE ARB CERTIFICATION EXECUTIVE ORDERS SHALL BE ALLOWED TO MAKE VAPOR RECOVERY OR ISD SYSTEM REPAIRS.

26. IF THE ISD SYSTEM IS A VEEDER-ROOT SYSTEM AND A SECOND ISD WARNING ALARM OCCURS INDICATING THAT THE SAME PROBLEM STILL EXISTS OR IF A FAILURE ALARM OCCURS WHERE GASOLINE DISPENSING IS TERMINATED, THE ISD SYSTEM MAY BE RESET TO ALLOW FOR VEHICLE FUELING TO RESUME ONLY IF:

A) THE FUELING POINT(S) ASSOCIATED WITH THE PROBLEM THAT TRIGGERED THE FAILURE ALARM IS ISOLATED AND NOT OPERATED UNTIL THE REQUIRED REPAIRS HAVE BEEN COMPLETED; OR

B) AN ORDER FOR ABATEMENT OR OTHER ADMINISTRATIVE RELIEF HAS BEEN ISSUED BY THE AQMD HEARING BOARD ALLOWING GASOLINE DISPENSING TO CONTINUE; OR

C) ALL REQUIRED REPAIRS TO CORRECT THE PROBLEM THAT TRIGGERED THE SECOND WARNING OR FAILURE ALARM HAVE BEEN COMPLETED, AND THE NECESSARY APPLICABLE TESTS OR PROCEDURES HAVE BEEN PERFORMED:

DISPLAYED MESSAGE	APPLICABLE TEST(S) OR PROCEDURE(S)
ISD VAPOR LEAKAGE	TP-201.3, TP-201.1C, OR TP-201.1D
ISD GROSS PRESSURE	DISPENSER VAPOR LINE INTEGRITY TEST (SECTION B-3 INSTALLATION, OPERATION, MAINTENANCE MANUAL)

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CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

	EXHIBIT 4 (EXECUTIVE ORDER VR-202) EXHIBIT 5 (EXECUTIVE ORDER VR-202) EXHIBIT 9 (PRESSURE SENSOR ONLY EXECUTIVE ORDER VR-202), OR FLOW RATE VERIFICATION (SECTION 1.2.3; INSTALLATION, OPERATION, MAINTENANCE MANUAL)
Hnn: GROSS COLLECT	EXHIBIT 5 (EXECUTIVE ORDER VR-202)
Hnn: DEGRD COLLECT	EXHIBIT 5 (EXECUTIVE ORDER VR-202)
ISD SENSOR OUT	SECTION 2 (ISD INSTALL, SETUP & OPERATION MANUAL)
ISD SETUP	SECTION 3 (ISD INSTALL, SETUP & OPERATION MANUAL)

AT A MINIMUM, ALL INFORMATION RELATING TO THE ALARM EVENT, COURSE OF ACTION TAKEN, REPAIRS MADE, AND TESTS OR PROCEDURES PERFORMED SHALL BE IMMEDIATELY RECORDED ON AN AQMD APPROVED FORM AND SHALL BE MADE AVAILABLE TO THE DISTRICT REPRESENTATIVE UPON REQUEST.

27. THE CLEAR TEST AFTER REPAIR (RESET) FUNCTION FOR THE VEEDER-ROOT ISD SYSTEM SHALL ONLY BE UTILIZED ONCE AFTER THE FIRST ISD WARNING ALARM OR IF THE OWNER/OPERATOR HAS COMPLETED EITHER CONDITION 26A, 26B, OR 26C ABOVE.

28. IF THE ISD SYSTEM IS AN INCON SYSTEM AND A SECOND ISD WARNING ALARM OCCURS INDICATING THAT THE SAME PROBLEM STILL EXISTS OR IF A FAILURE ALARM OCCURS WHERE GASOLINE DISPENSING IS TERMINATED, THE ISD SYSTEM MAY BE RESET TO ALLOW FOR VEHICLE FUELING TO RESUME ONLY IF:

A) THE FUELING POINT(S) ASSOCIATED WITH THE PROBLEM THAT TRIGGERED THE FAILURE ALARM IS ISOLATED AND NOT OPERATED UNTIL THE REQUIRED REPAIRS HAVE BEEN COMPLETED; OR

B) AN ORDER FOR ABATEMENT OR OTHER ADMINISTRATIVE RELIEF HAS BEEN ISSUED BY THE AQMD HEARING BOARD ALLOWING GASOLINE DISPENSING TO CONTINUE; OR

C) ALL REQUIRED REPAIRS TO CORRECT THE PROBLEM THAT TRIGGERED THE SECOND WARNING OR FAILURE ALARM HAVE BEEN COMPLETED, AND THE NECESSARY APPLICABLE TESTS OR PROCEDURES HAVE BEEN PERFORMED:

WARNING OR ALARM DESCRIPTION	APPLICABLE TEST(S) OR PROCEDURE(S)
DAILY OR WEEKLY VAPOR COLLECTION	TP-201.4 AND TP-201.3
WEEKLY OR MONTHLY ULLAGE PRESSURE	TP-201.3
WEEKLY ULLAGE PRESSURE LEAK	TP-201.3
ALL OTHER WARNINGS OR ALARMS	REFER TO APPENDIX A OF INCON VAPOR RECOVERY MONITORING INSTALLATION, OPERATION, AND MAINTENANCE MANUAL

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CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

AT A MINIMUM, ALL INFORMATION RELATING TO THE ALARM EVENT, COURSE OF ACTION TAKEN, REPAIRS MADE, AND TESTS OR PROCEDURES PERFORMED SHALL BE IMMEDIATELY RECORDED ON AN AQMD APPROVED FORM AND SHALL BE MADE AVAILABLE TO THE DISTRICT REPRESENTATIVE UPON REQUEST.

29. ONLY A CERTIFIED INCON TECHNICIAN MAY MANUALLY CLEAR ANY VAPOR COLLECTION OR PRESSURE RELATED FAILURE ALARMS, IF THE OWNER/OPERATOR HAS COMPLETED EITHER CONDITION 28A, 28B, OR 28C ABOVE.

30. THERE SHALL BE NO GASOLINE DISPENSING IF THE ISD SYSTEM IS SHUT OFF, TAMPERED WITH, DISCONNECTED, OR OTHERWISE DISABLED.

31. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FOUR YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

32. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 525,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 6,300,000 GALLONS IN ANY ONE CALENDAR YEAR.

33. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By Dorris M. Bailey/jm04
11/18/2008

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Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

June 05, 2019

CARISSA HAINSWORTH
MN&A INC
445S. D ST.
PERRIS, CA 92570

Ref.: CONTROL NO. 99986
Received 5/31/2019

Re: EQL'S, COMPLETE ENGRG APPL FILES, & HRA'S FOR MILLER JONES MORTUARY AND CREMATORY, 26245 PALOMAR RD, ROMOLAND, CA, ID #113898.

After a thorough search of this agency's records, the following records were found:
EQL'S & COMPLETE ENGRG APPL FILES FOR MILLER JONES MORTUARY AND CREMATORY, 26245 PALOMAR RD, ROMOLAND, CA, ID #113898.

The following records were not found:
HRA'S FOR MILLER JONES MORTUARY AND CREMATORY, 26245 PALOMAR RD, ROMOLAND, CA, ID #113898.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 06/05/2019

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m**. to **4:30 p.m.**

Sincerely,

BRITTANY PALAGONIA x2362
For COLLEEN PAINE
Public Records Coordinator

:bp

User: bpalagon

SCAQMD Facility Equipment List Report

Run Date : 06/04/2019 10:25 AM

Facility: 113898 MILLER JONES MORTUARY AND CREMATORY
Status: Active
MR: SIC: Team: I
Last Inspection: 09/04/2014 On Hold: N Suspended: N
TS: TS-11 Industrial: Sector-based Inspections
Quarter: 1001 - inspect in 1st & 4th quarters, every year
Contact: NICK JONES (951) 6583161 RECLAIM: N TITLE V: N AIRS ID:
Assignment: 1452297
Location Address: 26245 PALOMAR RD, ROMOLAND 92585 Sector:EP
Inspector: PL03 PAOLO LONGONI
Mailing Address: P O BOX 1179, ROMOLAND 92585 Sector:EP
Inspection Date: 09/04/2014
Instruction:
Disposition: Operating in Compliance at time of inspection

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category		BCAT/CCAT Description	Application Date	Application Status
333407	F41411	07/07/2001	ACTIVE	000183	BCAT	CREMATORY	10/15/1997	PERMIT TO OPERATE GRANTED
333404	F41413	07/07/2001	ACTIVE	000183	BCAT	CREMATORY	10/14/1997	PERMIT TO OPERATE GRANTED

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F41411
A/N 333407

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 113898

Legal Owner
or Operator: MILLER JONES MORTUARY AND CREMATORY
P.O. BOX 1077
HEMET, CA 92546

Equipment Location: 26245 PALOMAR RD., ROMOLAND, CA 92585

Equipment Description:

CREMATORY NO. 2 INDUSTRIAL EQUIPMENT & ENGINEERING COMPANY, MODEL IE43-SP, SUPER POWER-PAK II CREMATORY INCINERATOR, MULTIPLE CHAMBER DESIGN, 9'-0" W. X 11'-5" L. X 9'-6" H., WITH ONE 1,400,000 BTU PER HOUR NATURAL GAS FIRED BURNER IN THE CREMATION CHAMBER, ONE 1,400,000 BTU PER HOUR NATURAL GAS FIRED BURNER IN THE MIXING CHAMBER.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) THIS EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.

4) THE MIXING CHAMBER BURNER SHALL BE USED THROUGHOUT THE BURNING PERIOD.

5) A TEMPERATURE OF NOT LESS THAN 1,500 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE AFTERBURNER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.

6) THIS CREMATORY SHALL ONLY BE USED TO CREMATE HUMAN ANATOMICAL REMAINS.

7) AN INDICATING INSTRUMENT SHALL BE INSTALLED TO ACCURATELY MEASURE THE TEMPERATURE IN THE SECONDARY CHAMBER OF THE CREMATORY. THE INDICATING INSTRUMENT SHALL BE CALIBRATED AT LEAST ONCE A YEAR AND MORE OFTEN IF NECESSARY TO ENSURE THAT ACCURACY OF THE READING IS WITHIN PLUS OR MINUS 20 DEGREES FAHRENHEIT.

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CONTINUATION OF PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/RP03
07/07/01

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

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Permit No.
F41413
A/N 333404

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: MILLER JONES MORTUARY AND CREMATORY
P.O. BOX 1077
HEMET, CA 92546

ID 113898

Equipment Location: 26245 PALOMAR RD., ROMOLAND, CA 92585

Equipment Description:

CREMATORY NO. 1 INDUSTRIAL EQUIPMENT & ENGINEERING COMPANY, MODEL IE43-SP, SUPER POWER-PAK II CREMATORY INCINERATOR, MULTIPLE CHAMBER DESIGN, 9'-0" W. X 11'-5" L. X 9'-6" H., WITH ONE 1,400,000 BTU PER HOUR NATURAL GAS FIRED BURNER IN THE CREMATION CHAMBER, ONE 1,400,000 BTU PER HOUR NATURAL GAS FIRED BURNER IN THE MIXING CHAMBER.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) THIS EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.

4) THE MIXING CHAMBER BURNER SHALL BE USED THROUGHOUT THE BURNING PERIOD.

5) A TEMPERATURE OF NOT LESS THAN 1,500 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE AFTERBURNER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.

6) THIS CREMATORY SHALL ONLY BE USED TO CREMATE HUMAN ANATOMICAL REMAINS.

7) AN INDICATING INSTRUMENT SHALL BE INSTALLED TO ACCURATELY MEASURE THE TEMPERATURE IN THE SECONDARY CHAMBER OF THE CREMATORY. THE INDICATING INSTRUMENT SHALL BE CALIBRATED AT LEAST ONCE A YEAR AND MORE OFTEN IF NECESSARY TO ENSURE THAT ACCURACY OF THE READING IS WITHIN PLUS OR MINUS 20 DEGREES FAHRENHEIT.

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CONTINUATION OF PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/RP03
07/07/01

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Public Records Unit

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Fax:(909) 396-3330

COMPLETION LETTER

June 05, 2019

CARISSA HAINSWORTH
MN&A INC
445S. D ST.
PERRIS, CA 92570

Ref.: CONTROL NO. 99987
Received 5/31/2019

Re: EQL'S, COMPLETE ENGRG APPL FILES, & HRA'S FOR SANNIPOLI CORP., 26250 PALOMAR RD, ROMOLAND, CA, ID #94656.

After a thorough search of this agency's records, the following records were found:
EQL'S & COMPLETE ENGRG APPL FILES FOR SANNIPOLI CORP., 26250 PALOMAR RD, ROMOLAND, CA, ID #94656.

The following records were not found:
HRA'S FOR SANNIPOLI CORP., 26250 PALOMAR RD, ROMOLAND, CA, ID #94656.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 06/05/2019

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m**. to **4:30 p.m.**

Sincerely,

BRITTANY PALAGONIA x2362
For COLLEEN PAINE
Public Records Coordinator

:bp

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

Permit No.
D68437
A/N 275331
Page 1

PERMIT TO OPERATE

This initial permit must be renewed by 06/01 ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

Legal Owner Or Operator: SANNIPOLI CORPORATION,
WHITED VAULT COMPANY, DBA
26250 PALOMAR ROAD
ROMOLAND, CALIFORNIA 92585
ATTN: ALFRED L. SANNIPOLI JR.

ID 094656

Equipment located at: SAME AS ABOVE

Equipment Description:

FUEL STORAGE AND DISPENSING SYSTEM CONSISTING OF:

1. ONE ABOVE GROUND DIESEL STORAGE TANK, 2000 GALLON CAPACITY.

2. ONE DIESEL DISPENSING NOZZLE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS TANK SHALL BE USED TO STORE DIESEL FUEL ONLY.

4. THE AMOUNT OF DIESEL FUEL SUPPLIED TO THIS TANK IS LIMITED TO 2,000 GALLONS IN ANY ONE DAY.

5. THE AMOUNT OF DIESEL FUEL SUPPLIED TO THIS TANK IS LIMITED TO 46,000 GALLONS IN ANY 30 DAY PERIOD.

AQMD

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NOTICE

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EXECUTIVE OFFICER

Dorris M Bailey

By DORRIS M. BAILEY/ps
Principal Office Assistant
January 20, 1993

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
R-D68438
A/N 275334
Page 1

This initial permit shall be renewed by ANNUALLY unless the equipment is moved, or changes ownership. If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner Or Operator: **ID 094656**
SANNIPOLI CORP, WHITED VAULT CO., DBA
ATTN: ALFRED L. SANNIPOLI JR.
26250 PALOMAR ROAD
ROMOLAND, CA 92585

Equipment located at: SAME AS ABOVE

Equipment Description:

OPEN SPRAY EQUIPMENT, GRACO ULTRA 500 AIRLESS SPRAY GUN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THE TOTAL QUANTITY OF COATING USED IN THIS EQUIPMENT SHALL NOT EXCEED 3 GALLONS IN ANY ONE DAY.

4. THE TOTAL QUANTITY OF COATINGS USED IN THIS EQUIPMENT SHALL NOT EXCEED 69 GALLONS IN ANY 30 DAY PERIOD.

5. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1113.

6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY DAILY USAGE.

7. THE OPERATOR SHALL KEEP RECORDS IN ACCORDANCE WITH THE REQUIREMENTS OF RULE 109 - RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS AND SUCH RECORDS SHALL BE RETAINED FOR A PERIOD OF THREE YEARS.

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CONTINUATION OF PERMIT TO OPERATE

8. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL PERMITTED EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING MANAGEMENT OFFICIAL WITH RESPONSIBILITY FOR OPERATION OF EQUIPMENT SUBJECT TO THE PERMIT.

9. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

10. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR 36 MONTHS.

11. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 36 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

This Permit to Operate No. R-D68438 supersedes Permit to Operate No. D68438 issued on 1/20/93.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/gl
6/30/98

AQMD

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Cooley Drive, Diamond Bar, CA 91765

Permit No.
D68439
A/N 275337
Page 1

PERMIT TO OPERATE

This initial permit must be renewed by 06/01 ANNUALLY unless the equipment is moved, or changes ownership. If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner Or Operator: SANNIPOLI CORPORATION, WHITED VAULT COMPANY, DBA
26250 PALOMAR ROAD
ROMOLAND, CALIFORNIA 92585
ATTN: ALFRED L. SANNIPOLI JR.

ID 094656

Equipment located at: SAME AS ABOVE

Equipment Description:

CEMENT SILO, 1,120 CU. FT. CAPACITY, WITH A FILTER VENT.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS FULL USE.

4. THE MAXIMUM AMOUNT OF CONCRETE POWDER RECEIVED BY THIS EQUIPMENT IS LIMITED TO 8 TONS IN ANY ONE DAY.

5. THE MAXIMUM AMOUNT OF CONCRETE POWDER RECEIVED BY THIS EQUIPMENT IS LIMITED TO 184 TONS IN ANY 30 DAY PERIOD.

6. A DAILY LOG OF THE TOTAL AMOUNT OF CEMENT RECEIVED BY THIS EQUIPMENT SHALL BE MAINTAINED. SUCH RECORDS SHALL BE RETAINED FOR A PERIOD OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

AQMD

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PERMIT TO OPERATE

CONTINUATION OF PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY MUST BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By DORRIS M. BAILEY/ps
Principal Office Assistant
January 20, 1993

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F56432
A/N 407057

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER
OR OPERATOR: SANNIPOLI CORP.
26250 PALOMAR RD
ROMOLAND, CA 92585

ID 094656

Equipment Location: 26250 PALOMAR RD, ROMOLAND, CA 92585

Equipment Description:

CEMENT SILO, 9'-6" DIA X 20'-0" H., 1,120 CU.FT. CAPACITY WITH A FILTER VENT.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE.

4) THE MAXIMUM AMOUNT OF CEMENT RECEIVED BY THIS EQUIPMENT IS LIMITED TO 300 TONS IN ANY ONE MONTH.

5) A DAILY LOG OF THE TOTAL AMOUNT OF CEMENT RECEIVED BY THIS EQUIPMENT SHALL BE MAINTAINED. RECORDS SHALL BE RETAINED FOR A PERIOD OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

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CONTINUATION OF PERMIT TO OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/sl02
11/20/2002

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Permit No.
G19906
A/N 509278

PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 94656

Legal Owner
or Operator:

SANNIPOLI CORPORATION
DBA: WHITED CEMETERY SERVICE
P.O. BOX 1417
MENIFEE, CA 92585

Equipment Location: 26250 PALOMAR RD, ROMOLAND, CA 92585

Equipment Description :

CONCRETE BATCHING SYSTEM CONSISTING OF:

1. AGGREGATE LOADING HOPPER, 5'-0" W. X 9'-0" L. X 7'-0" H., 2 CUBIC YARD CAPACITY.
2. SAND HOPPER, 6'-8" W. X 8'-0" L. X 5'-6" H., 12.5 TON CAPACITY.
3. 3/8" ROCK HOPPER, 6'-8" W. X 8'-0" L. X 5'-6" H., 12.5 TON CAPACITY.
4. TWO BELT CONVEYORS, 3 H.P. AND 5 H.P., AND ONE SCREW CONVEYOR, 7.5 H.P.
5. MIXER, RELIANCE, 1 CUBIC YARD CAPACITY, 20 H.P.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THE MAXIMUM AMOUNT OF MATERIAL PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 2,000 CUBIC YARDS IN ANY ONE MONTH.
4. AGGREGATE CHARGED AND AGGREGATE IN PROCESS SHALL BE KEPT SUFFICIENTLY MOIST TO PREVENT DUST EMISSIONS.
5. THE MIXER DOOR SHALL REMAIN CLOSED DURING THE MIXING OPERATION.
6. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3. THE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST THE LAST TWO YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

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NOTICE

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EXECUTIVE OFFICER

By Dorris M.Bailey/MP03
8/16/2012

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

Permit No.
N11742
A/N 407058

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: SANNIPOLI CORP.
26250 PALOMAR RD
ROMOLAND, CA 92585

ID 094656

Equipment Location: 26250 PALOMAR RD, ROMOLAND, CA 92585

Equipment Description:

Fuel Storage and Dispensing Facility Consisting of:

1) 1 - ABOVEGROUND GASOLINE STORAGE TANK, SANNIPOLI TANK CORP., 13'-2" L. X 5'- 0" H., 1,000-GALLON CAPACITY, CONCRETE INSULATION, EQUIPPED WITH A PRESSURE/VACUUM RELIEF VALVE AND A SUBMERGED FILL TUBE.

2) 1 - GASOLINE NOZZLE DISPENSING 1 PRODUCT ON A TANK TOP MOUNTED DISPENSER, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE HI HOSE (G-70-52-AM).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.

4. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.

5. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.

6. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

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CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
20	0.15
40	0.16
60	0.35
80	0.62
100	0.95

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.4. RESULTS SHALL BE SUBMITTED TO THE DISTRICT, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN FORTY-EIGHT (48) HOURS OF TESTS.

THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE DYNAMIC BACK PRESSURE TEST.

7. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN FORTY-EIGHT (48) HOURS OF TEST.

   THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE STATIC PRESSURE LEAK DECAY TEST.

8. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN FORTY-EIGHT (48) HOURS OF TEST.

   THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE LIQUID REMOVAL RATE TEST.

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CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

9. THE TESTING FREQUENCY FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

10. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

11. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 300 GALLONS IN ANY ONE CALENDAR MONTH NOR 3600 GALLONS IN ANY ONE CALENDAR YEAR.

12. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/gv02
10/25/2002

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner or Operator : SANNIPOLI CORPORATION
26250 PALOMAR RD
ROMOLAND, CA 92585

ID 94656

Equipment Location: 26250 PALOMAR RD, ROMOLAND, CA 92585

Equipment Description:

Fuel Storage and Dispensing Facility Consisting of:

1) 1 - GASOLINE ABOVEGROUND STORAGE TANK, SANNIPOLI TANK CORP. PETROVAULT (G-70-130-A), RECTANGULAR, 13 ' - 2 " L. X 5 ' - 0 " W. X 10 ' - 0 " H., 1000 - GALLON CAPACITY, WITH A PRESSURE/VACUUM RELIEF VALVE AND A SUBMERGED FILL TUBE .

2) 1 - GASOLINE NOZZLE DISPENSING 1 PRODUCT ON A TANK TOP MOUNTED DISPENSER , EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE HI-HOSE (G-70-52-AM).

CONDITIONS

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.

4. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.

5. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.

6. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED.

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CONTINUATION OF PERMIT TO OPERATE

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.35
80	0.62

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 1 (JULY 3, 2002); AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.

7. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3 (MARCH 17, 1999), AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

8. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6C AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

9. THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.

10. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

11. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FOUR YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

12. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 5,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 60,000 GALLONS IN ANY ONE CALENDAR YEAR.

13. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

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CONTINUATION OF PERMIT TO OPERATE

NOTICE

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/MV02
2/28/2008

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