Perris and Ramona Warehouse
(DPR19-00012)
MOBILE SOURCE HEALTH RISK ASSESSMENT
CITY OF PERRIS

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LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Receptor
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PM10	Particulate Matter 10 microns in diameter or less
Project	Perris and Ramona Warehouse
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

This report evaluates the potential health risk impacts to sensitive receptors (which are residents) and adjacent workers associated with the development of the proposed Project, more specifically, health risk impacts as a result of exposure to Toxic Air Contaminants (TACs) including diesel particulate matter (DPM) as a result of heavy-duty diesel trucks accessing the site. This section summarizes the significance criteria and Project health risks.

The results of the health risk assessment (HRA) of lifetime cancer risk from Project-generated TAC emissions are provided in Table ES-1.

Individual Exposure Scenario:

The residential land use with the greatest potential exposure to Project TAC source emissions is Location R3, which represents the existing residence at 80 East Dawes Street, approximately 499 feet east of the Project site. Receptor R3 is placed at the private outdoor living areas (backyards) facing the Project site. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project TAC source emissions is estimated at 0.95 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project TAC source emissions is Location R5, which represents the Fallas Distribution Center at 3900 Indian Avenue, approximately 140 feet south of the Project site. R5 is placed at the building façade where a worker could remain for a typical workday. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.16 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyze herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

School Child Exposure Scenario:

There are no schools located within a ¼ mile of the Project site. As such, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70-percent drop-off in particulate pollution levels at 500 feet. Based on California Air Resources Board (CARB) and SCAQMD emissions and modeling analyses, an 80-percent drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center (1).

The 1,000-foot evaluation distance is supported by research-based findings concerning Toxic Air Contaminant (TAC) emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

For purposes of this assessment, a one-quarter mile radius or 1,320 feet geographic scope is utilized for determining potential impacts to nearby schools. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

TABLE ES-1: SUMMARY OF CANCER AND NON-CANCER RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Individual Receptor	0.29	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.16	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor	<0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	<0.01	1.0	NO

1 INTRODUCTION

The South Coast Air Quality Management District (SCAQMD) typically issues a comment letter on the Notice of Preparation of a CEQA Document. Per the SCAQMD's typical comment letter, if a proposed Project is expected to generate/attract diesel trucks, which emit diesel particulate matter (DPM) or other Toxic Air Contaminants (TACs), preparation of a HRA is necessary. This document serves to meet the SCAQMD's request for preparation of a HRA. This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

The AQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (3). In this report the AQMD states (Page D-3):

"…the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for toxic air contaminant (TAC) emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant."

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index less of than one (1.0) means that adverse health effects are not expected. In this HRA, non-carcinogenic exposures of less than 1.0 are considered less-than-significant. Both the cancer risk and non-carcinogenic risk thresholds are applied to the nearest sensitive receptors below.

1.1 SITE LOCATION

The proposed Perris and Ramona Warehouse site is located on the southwest corner of Perris Boulevard and Ramona Expressway, within the City of Perris' PVCC SP as shown on Exhibit 1-A. The March Air Reserve Base/Inland Port Airport (MARB/IPA) is located approximately 1.29 miles northwest of the Project site boundary.

The Project is located adjacent to existing industrial and commercial land use with residential homes are located to the east of the Project site. As per the City of Perris General Plan, the Project site is located within the PVCC SP area. As per the PVCC SP, the Project site is designated for Commercial uses. The Commercial designation provides for retail, professional office, and service-oriented business activities which serve the entire City, as well as the surrounding neighborhoods. This designation combines the General Plan Land Use designation of Community Commercial and Commercial Neighborhood (4).

1.2 PROJECT DESCRIPTION

Exhibit 1-B illustrates a preliminary site plan for the Project. The Project is proposed to consist of a 347,918 square foot (sf) high-cube transload and short-term warehouse building. The Project is anticipated to be constructed in a single phase by the year 2023.

At the time this HRA was prepared, the future tenants of the proposed Project were unknown. Because the operating hours of perspective building tenants is not known at this time, this HRA is intended to describe potential toxic emission impacts associated with the expected typical 24-hour, seven day per week operational activities at the Project site, which provides a conservative analysis of impacts.

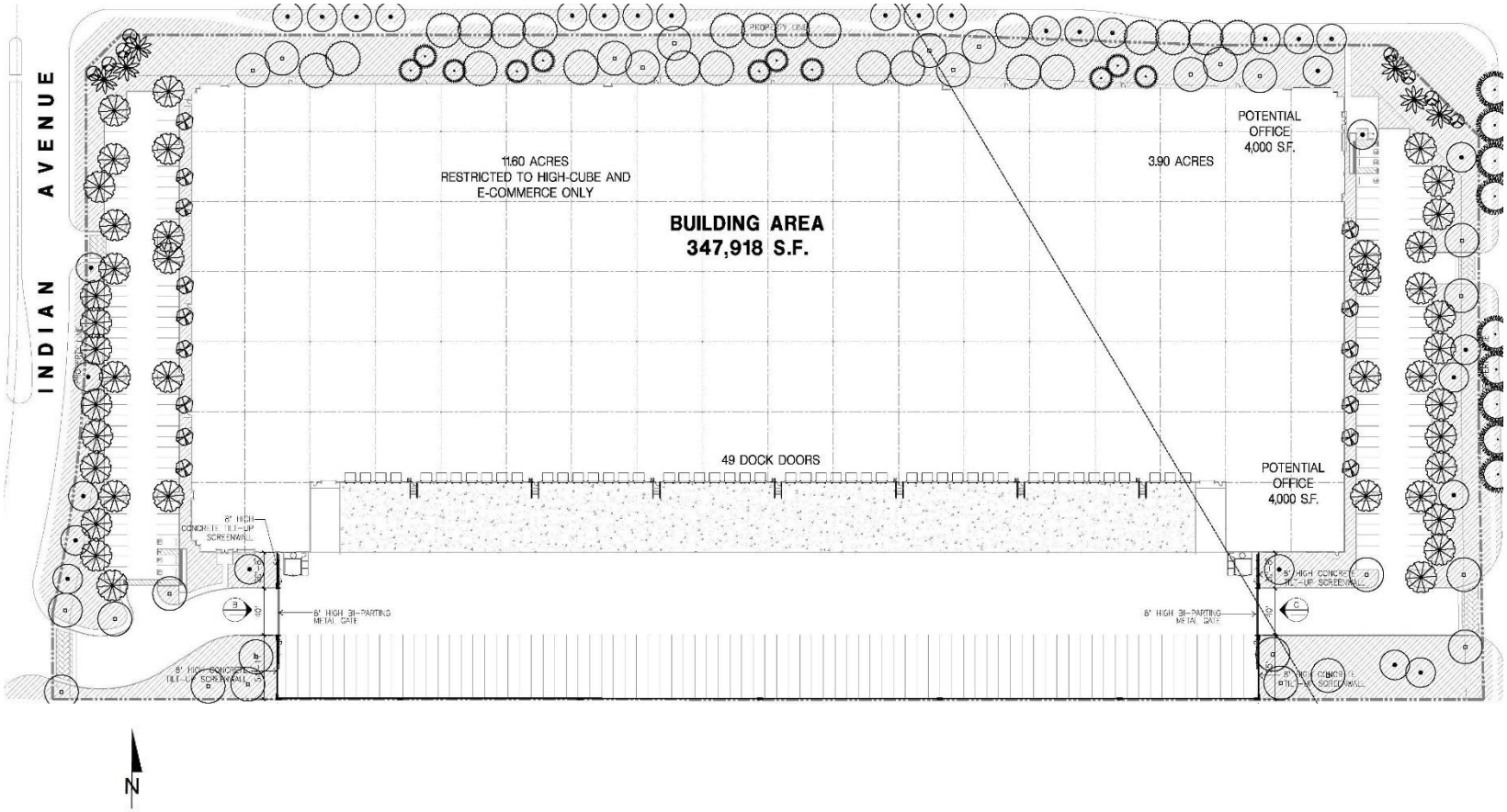
As summarized in the *Perris and Ramona Warehouse Trip Generation Assessment and Vehicle Miles Traveled (VMT) Screening Evaluations*, the Project is expected to generate a total of approximately 492 two-way vehicular trips per day (246 inbound and 246 outbound) which includes 82 two-way truck trips per day (41 inbound and 41 outbound). DPM-related impacts are associated with diesel exhaust from the 82 two-way truck trips per day and 194 two-way TRU truck trips per day generated by the Project (5).

EXHIBIT 1-A: LOCATION MAP

LEGEND:

Site Boundary

EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on SCAQMD guidelines to produce conservative estimates of human health risk posed by exposure to DPM. The conservative nature of this analysis is due primarily to the following factors:

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per µg/m3 is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body (95% higher than the average population).
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.[1] The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 EMISSIONS ESTIMATION

2.2.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10µm in diameter (PM_{10}) generated with the 2017 version of the EMission FACtor model (EMFAC) developed by the CARB. EMFAC 2017 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (6). The most recent version of this model, EMFAC 2017, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Several distinct emission processes are included in EMFAC 2017. Emission factors calculated using EMFAC 2017 are expressed in units of grams per vehicle miles traveled (g/VMT) or grams per idle-hour (g/idle-hr), depending on the emission process. The emission processes and corresponding emission factor units associated with diesel particulate exhaust for this Project are presented below.

For this Project, annual average PM_{10} emission factors were generated by running EMFAC 2017 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed.

[1] Although the Project is required to comply with ARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, in person, with Jillian Wong, December 22, 2016), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

- Idling – on-site loading/unloading and truck gate
- 5 miles per hour – on-site vehicle movement including driving and maneuvering
- 25 miles per hour – off-site vehicle movement including driving and maneuvering.

Calculated emission factors are shown at Table 2-1. As a conservative measure, a 2023 EMFAC 2017 run was conducted and a static 2023 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2023 emission factors would overstate potential impacts since this approach assumes that emission factors remain "static" and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2023. Additionally, based on EMFAC 2017, Light-Heavy-Duty Trucks are comprised of 51.09% diesel, Medium-Heavy-Duty Trucks are comprised of 89.49% diesel, and Heavy-Heavy-Duty Trucks are comprised of 98.13% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.1 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM10 emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (7):

$Emissions_{speedA}$ (g/s) = $EF_{RunExhaust}$ (g/VMT) * Distance (VMT/trip) * Number of Trips (trips/day) / seconds per day

Where:

$Emissions_{speedA}$ (g/s): Vehicle emissions at a given speed A;

$EF_{RunExhaust}$ (g/VMT): EMFAC running exhaust PM_{10} emission factor at speed A;

Distance (VMT/trip): Total distance traveled per trip.

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM_{10} emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (7):

$Emissions_{idle}$ (g/s) = EF_{idle} (g/hr) * Number of Trips (trips/day) * Idling Time (min/trip) *

60 minutes per hour / seconds per day

Where:

$Emissions_{idle}$ (g/s): Vehicle emissions during idling;

EF_{idle}(g/s): EMFAC idle exhaust PM_{10} emission factor.

TABLE 2-1: 2023 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.08472 (g/idle-hr)
5	0.01533 (g/s)
25	0.00707 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.2. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Table 2-2. The modeled emission sources are illustrated on Exhibit 2-A. The modeling domain is limited to the Project's primary truck route and includes off-site sources in the study area for more than 1 mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (1) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (8), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation.

As summarized in the *Perris and Ramona Warehouse Trip Generation Assessment and Vehicle Miles Traveled (VMT) Screening Evaluations*, the Project is expected to generate a total of approximately 492 two-way vehicular trips per day (246 inbound and 246 outbound) which includes 82 two-way truck trips per day (41 inbound and 41 outbound). DPM-related impacts are associated with diesel exhaust from the 82 two-way truck trips per day and 194 two-way TRU truck trips per day generated by the Project (5).

EXHIBIT 2-A: MODELED EMISSION SOURCES

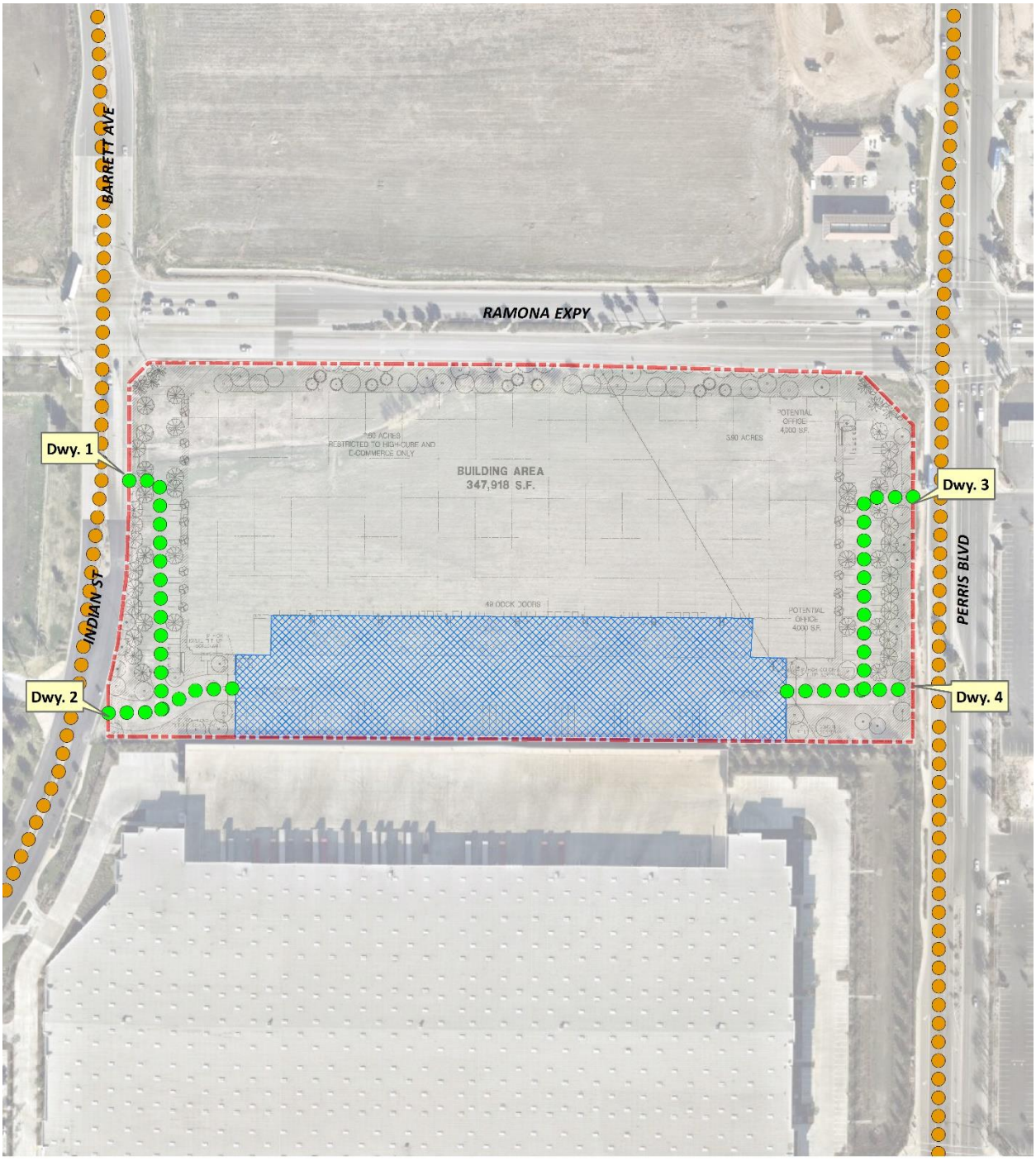


TABLE 2-2: DPM EMISSIONS FROM PROJECT TRUCKS (2023 ANALYSIS YEAR)

Truck Emission Rates						
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling	121			0.0847	2.56	2.966E-05
On-Site Travel	242	55.07	0.0153		0.84	9.773E-06
Off-Site Travel 40% Inbound/Outbound Dwy 2	97	105.00	0.0071		0.74	8.593E-06
Off-Site Travel 10% Inbound/Outbound Dwy 2	24	16.91	0.0071		0.12	1.384E-06
Off-Site Travel 50% Inbound Dwy 4	61	59.73	0.0071		0.42	4.888E-06
Off-Site Travel 50% Outbound Dwy 4	61	38.19	0.0071		0.27	3.125E-06

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

[c] This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

2.3 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 9.9.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 19191 (9).

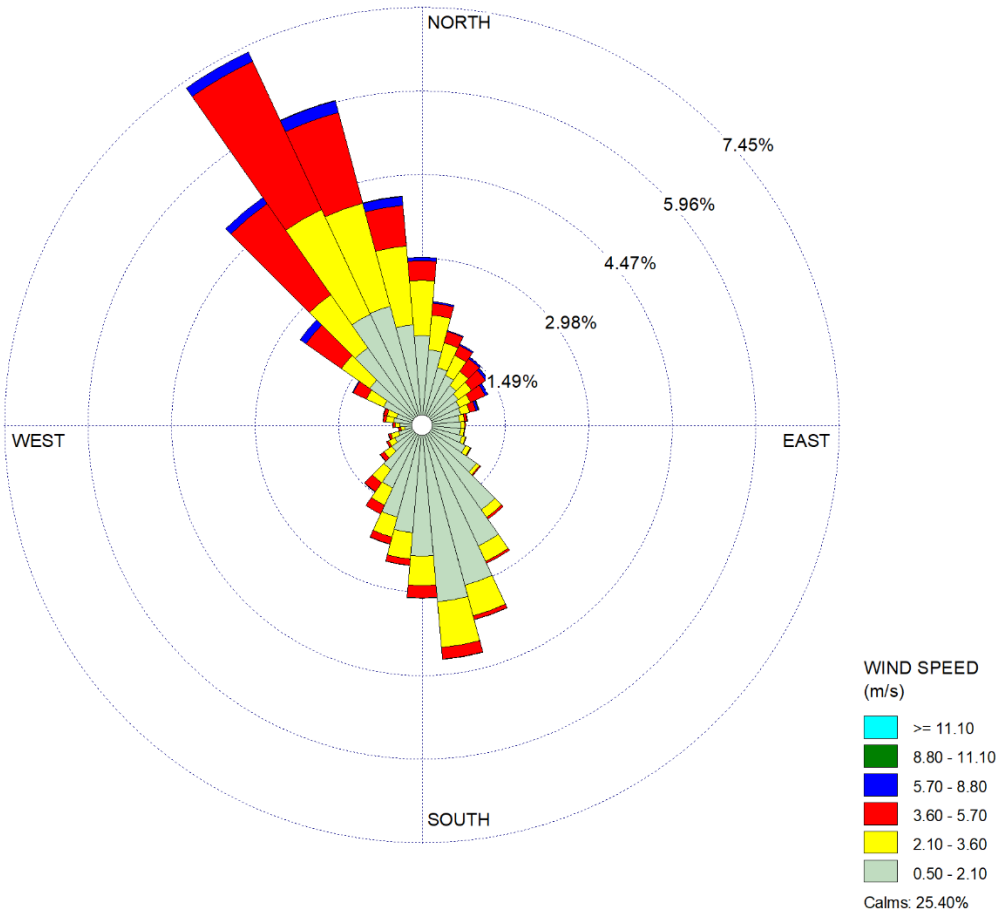
The model offers additional flexibility by allowing the user to assign an initial release height and vertical dispersion parameters for mobile sources representative of a roadway. For this HRA, the roadways were modeled as adjacent volume sources. Roadways were modeled using the U.S. EPA's haul route methodology for modeling of on-site and off-site truck movement. More specifically, the Haul Road Volume Source Calculator in Lakes AERMOD View has been utilized to determine the release height parameters. Based on the US EPA methodology, the Project's modeled sources would result in a release height of 3.49 meters, and an initial lateral dimension of 4.0 meters, and an initial vertical dimension of 3.25 meters.

SCAQMD-recommended model parameters are presented in Table 2-3 (10). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Perris monitoring station (SRA 24) was used to represent local weather conditions and prevailing winds (11). A wind rose exhibit of the Perris monitoring station is provided at Exhibit 2-B.

EXHIBIT 2-B: WIND ROSE (SRA 24)

WIND ROSE PLOT:
Station #3171

DISPLAY:
Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 1/1/2010 - 00:00 **End Date: 12/31/2016 - 23:59**	**Urban Crossroads, Inc.**	
		MODELER: **HQ**	
	CALM WINDS: **25.40%**	TOTAL COUNT: **43476 hrs.**	
	AVG. WIND SPEED: **1.56 m/s**	DATE: **3/15/2021**	PROJECT NO.:

TABLE 2-3: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban (Population 2,189,641)
Terrain (Flat/Elevated)	Elevated (Regulatory Default)
Averaging Time	1 year (5-year Meteorological Data Set)
Receptor Height	0 meters (Regulatory Default)

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, each volume source location, and receptor locations in the Project site's vicinity. The AERMOD dispersion model summary output files for the proposed Project are presented in Appendix 2.2. Modeled sensitive receptors were placed at residential and non-residential locations.

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents and workers over a period of 30 or 25 years of exposure, respectively. Notwithstanding, as a conservative measure, receptors were placed at either the outdoor living area or the building façade, whichever is closer to the Project site.

For purposes of this HRA, receptors include both residential and non-residential (worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents and workers may be exposed at these locations over a long-term duration of 30 and 25 years, respectively. This methodology is consistent with SCAQMD and OEHHA recommended guidance.

Any impacts to residents or workers located further away from the Project site than the modeled residential and workers would have a lesser impact than what has already been disclosed in the HRA at the MEIR and MEIW because concentrations dissipate with distance.

Consistent with SCAQMD modeling guidance, all receptors were set to existing elevation height so that only ground-level concentrations are analyzed (12). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-4 and 2-5 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.3 includes the detailed risk calculation.

TABLE 2-4: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

TABLE 2-5: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year)	Exposure Time (hours/day)
16 to 41	230	1	25	250	12

2.4 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than 10 in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time.

Guidance from CARB and the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)-1 to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$DOSEair = (Cair \times [BR/BW] \times A \times EF) \times (1 \times 10^{-6})$$

Where:

DOSEair = chronic daily intake (mg/kg/day)

Cair = concentration of contaminant in air (ug/m3)

[BR/BW] = daily breathing rate normalized to body weight (L/kg BW-day)

A = inhalation absorption factor

EF = exposure frequency (days/365 days)

BW = body weight (kg)

1 x 10 -6 = conversion factors (ug to mg, L to m3)

RISKair = DOSEair x CPF x ED/AT

Where:

DOSEair = chronic daily intake (mg/kg/day)

CPF = cancer potency factor

ED = number of years within particular age group

AT = averaging time

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 $\mu g/m^3$ (OEHHA Toxicity Criteria Database, http://www.oehha.org/risk/chemicaldb/index.asp).

The non-cancer hazard index was calculated (consistent with SCAQMD methodology) as follows:

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

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

Where:

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

C_{DPM} = Annual average DPM concentration ($\mu g/m^3$).

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

For purposes of this analysis the hazard index for the respiratory endpoint totaled less than one for all receptors in the project vicinity, and thus is less than significant.

2.6 POTENTIAL PROJECT-RELATED TAC SOURCE CANCER AND NON-CANCER RISKS

Individual Exposure Scenario:

The residential land use with the greatest potential exposure to Project TAC source emissions is Location R3, which represents the existing residence at 80 East Dawes Street, approximately 499 feet east of the Project site. Receptor R3 is placed at the private outdoor living areas (backyards) facing the Project site. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project TAC source emissions is estimated at 0.29 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest modeled receptors are illustrated on Exhibit 2-C.

Worker Exposure Scenario[2]*:*

The worker receptor land use with the greatest potential exposure to Project TAC source emissions is Location R5, which represents the Fallas Distribution Center at 3900 Indian Avenue, approximately 140 feet south of the Project site. R5 is placed at the building façade where a worker could remain for a typical workday. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.16 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyze herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-C.

2 SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

School Child Exposure Scenario:

There are no schools located within a ¼ mile of the Project site. As such, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70-percent drop-off in particulate pollution levels at 500 feet. Based on California Air Resources Board (CARB) and SCAQMD emissions and modeling analyses, an 80-percent drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center (1).

The 1,000-foot evaluation distance is supported by research-based findings concerning Toxic Air Contaminant (TAC) emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

For purposes of this assessment, a one-quarter mile radius or 1,320 feet geographic scope is utilized for determining potential impacts to nearby schools. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

EXHIBIT 2-C: MODELED RECEPTORS

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3 REFERENCES

1. **Air Resources Board.** *Air Quality and Land Use Handbook: A Community Health Perspective.* 2005.
2. **South Coast Air Quality Managment District.** Mobile Source Toxics Analysis. [Online] 2003. http://www.aqmd.gov/ceqa/handbook/mobile_toxic/mobile_toxic.html.
3. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. [Cited: June 6, 2019.] http://www.aqmd.gov/docs/default-source/Agendas/Environmental-Justice/cumulative-impacts-working-group/cumulative-impacts-white-paper.pdf?sfvrsn=2.
4. **City of Perris.** Perris Valley Commerce Center Amendment No. 9. [Online] 2018. https://www.cityofperris.org/Home/ShowDocument?id=2647.
5. **Urban Crossroads, Inc.** *Perris and Ramona Warehouse Trip Generation Assessment and Vehicle Miles Traveled (VMT) Screening Evaluation.* 2021.
6. **California Air Resources Board.** EMFAC 2017. [Online] https://www.arb.ca.gov/emfac/2017/.
7. **California Department of Transportation.** EMFAC Software. [Online] http://www.dot.ca.gov/hq/env/air/pages/emfac.htm.
8. **Wong, Jillian.** *Planning, Rule Development & Area Sources.* December 22, 2016.
9. **Environmental Protection Agency.** User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] 2019. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
10. —. User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] April 2018. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
11. **South Coast Air Quality Management District.** Data for AERMOD. [Online] [Cited: June 10, 2019.] https://www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/data-for-aermod.
12. —. South Coast AQMD Modeling Guidance for AERMOD. [Online] [Cited: September 18, 2019.] http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance.

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4 CERTIFICATIONS

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Perris and Ramona Warehouse Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

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EDUCATION

Master of Science in Environmental Studies
California State University, Fullerton • May 2010

Bachelor of Arts in Environmental Analysis and Design
University of California, Irvine • June 2006

PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013
Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
Air Dispersion Modeling – Lakes Environmental • June 2006

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APPENDIX 2.1:

EMFAC EMISSIONS SUMMARY

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AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2023

Speed	LHD1	MHD	HHD
0	0.401577	0.039347	0.01233
5	0.036447	0.006028	0.01277
25	0.013286	0.002933	0.00682

Speed	Weighted Average Emissions
0	**0.08472**
5	**0.01533**
25	**0.00707**

Emission Rates - 2023 Emission Factors

Truck Emission Rates						
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling	121			0.0847	2.56	2.966E-05
On-Site Travel	242	55.07	0.0153		0.84	9.773E-06
Off-Site Travel 40% Inbound/Outbound Dwy 2	97	105.00	0.0071		0.74	8.593E-06
Off-Site Travel 10% Inbound/Outbound Dwy 2	24	16.91	0.0071		0.12	1.384E-06
Off-Site Travel 50% Inbound Dwy 4	61	59.73	0.0071		0.42	4.888E-06
Off-Site Travel 50% Outbound Dwy 4	61	38.19	0.0071		0.27	3.125E-06

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

[c] This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2023	Annual	Riverside (SC)	HHDT	Dsl	60	70	RUNEX	5	PM10	0.013015
2023	Annual	Riverside (SC)	HHDT	Dsl	60	70	RUNEX	25	PM10	0.00695
2023	Annual	Riverside (SC)	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.071342
2023	Annual	Riverside (SC)	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.026006
2023	Annual	Riverside (SC)	MHDT	Dsl	60	70	RUNEX	5	PM10	0.006736
2023	Annual	Riverside (SC)	MHDT	Dsl	60	70	RUNEX	25	PM10	0.003278
2023	Annual	Riverside (SC)	HHDT	Dsl			IDLEX		PM10	0.012569
2023	Annual	Riverside (SC)	LHDT1	Dsl			IDLEX		PM10	0.786058
2023	Annual	Riverside (SC)	MHDT	Dsl			IDLEX		PM10	0.043967

Source: EMFAC2017 (v1.0.3) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2023
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for VMT, trips/year for Trips, tons/year for Emissions, 1000 gallons/year for Fuel Consumptic

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
Riverside	2023	HHDT	Aggregate	Aggregate	Gasoline	6.287049
Riverside	2023	HHDT	Aggregate	Aggregate	Diesel	15994.3
Riverside	2023	HHDT	Aggregate	Aggregate	Natural Ga	297.8339
Riverside	2023	LHDT1	Aggregate	Aggregate	Gasoline	15202.19
Riverside	2023	LHDT1	Aggregate	Aggregate	Diesel	15878.18
Riverside	2023	MHDT	Aggregate	Aggregate	Gasoline	1361.919
Riverside	2023	MHDT	Aggregate	Aggregate	Diesel	11600.11

HHDT% GAS/NG	0.01866
HHDT% DSL	0.98134
LHDT1% GAS	0.48913
LHDT1% DSL	0.51087
MHDT% GAS	0.10507
MHDT% DSL	0.89493

APPENDIX 2.2:

AERMOD MODEL INPUT/OUTPUT

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```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.0.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/3/2021
** FILE: C:\LAKES\AERMOD VIEW\13234-03 HRA\13234-03 HRA.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\11705 RAMONA AND INDIAN\11705 RAMONA AND INDIAN
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2189641
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "13234-03 HRA.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 ON-SITE IDLING
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00002966
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
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** 478982.067, 3744797.236, 444.00, 3.49, 4.00
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   LOCATION L0008155     VOLUME   478760.968 3744796.505 444.00
   LOCATION L0008156     VOLUME   478769.558 3744796.533 444.00
   LOCATION L0008157     VOLUME   478778.148 3744796.562 444.00
   LOCATION L0008158     VOLUME   478786.738 3744796.590 444.00
   LOCATION L0008159     VOLUME   478795.328 3744796.618 444.00
   LOCATION L0008160     VOLUME   478803.918 3744796.647 444.00
   LOCATION L0008161     VOLUME   478812.508 3744796.675 444.00
   LOCATION L0008162     VOLUME   478821.098 3744796.703 444.00
   LOCATION L0008163     VOLUME   478829.688 3744796.732 444.00
   LOCATION L0008164     VOLUME   478838.278 3744796.760 444.00
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   LOCATION L0008166     VOLUME   478855.457 3744796.817 444.00
   LOCATION L0008167     VOLUME   478864.047 3744796.845 444.00
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   LOCATION L0008178     VOLUME   478958.537 3744797.158 444.00
   LOCATION L0008179     VOLUME   478967.127 3744797.186 444.00
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** CONFIGURATION = ADJACENT
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** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
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** ----------------------------------------------------------------
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   LOCATION L0008182     VOLUME   478700.184 3744760.106 444.05
   LOCATION L0008183     VOLUME   478708.450 3744762.406 444.04
   LOCATION L0008184     VOLUME   478716.479 3744765.461 444.03
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   LOCATION L0008187     VOLUME   478741.273 3744770.881 444.00
   LOCATION L0008188     VOLUME   478749.863 3744770.973 444.00
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   LOCATION L0008191     VOLUME   478775.632 3744771.051 444.00
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   LOCATION L0008202     VOLUME   478870.122 3744771.317 444.00
   LOCATION L0008203     VOLUME   478878.712 3744771.341 444.00
   LOCATION L0008204     VOLUME   478887.302 3744771.365 444.00
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** CONFIGURATION = ADJACENT
** EMISSION RATE = 8.593E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
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** 478681.565, 3744987.321, 444.00, 0.00, 4.00
** 478677.586, 3745092.376, 444.42, 0.00, 4.00
** 478661.669, 3745169.575, 445.00, 0.00, 4.00
** 478601.241, 3745277.330, 445.00, 0.00, 4.00
** 478563.897, 3745319.461, 445.00, 0.00, 4.00
** 478527.511, 3745343.399, 445.00, 0.00, 4.00
** 478501.657, 3745361.593, 445.00, 0.00, 4.00
** 478481.549, 3745372.126, 445.00, 0.00, 4.00
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** 478322.598, 3745524.374, 446.00, 0.00, 4.00
** 478293.167, 3745588.266, 446.00, 0.00, 4.00
** 478282.203, 3745647.190, 446.07, 0.00, 4.00
** 478281.424, 3745707.263, 446.07, 0.00, 4.00
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** 478281.424, 3745804.932, 446.06, 0.00, 4.00
** 478281.424, 3745871.002, 446.05, 0.00, 4.00
** 478282.100, 3746155.007, 446.68, 0.00, 4.00
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LOCATION L0008266 VOLUME 478670.044 3745128.957 444.69
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LOCATION L0008270 VOLUME 478663.105 3745162.609 444.95
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LOCATION L0008278 VOLUME 478631.535 3745223.310 445.00
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LOCATION L0008280 VOLUME 478623.132 3745238.294 445.00
LOCATION L0008281 VOLUME 478618.930 3745245.787 445.00
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LOCATION L0008285 VOLUME 478602.124 3745275.756 445.00
LOCATION L0008286 VOLUME 478596.740 3745282.408 445.00
LOCATION L0008287 VOLUME 478591.042 3745288.836 445.00
LOCATION L0008288 VOLUME 478585.345 3745295.264 445.00
LOCATION L0008289 VOLUME 478579.647 3745301.692 445.00
LOCATION L0008290 VOLUME 478573.949 3745308.121 445.00
LOCATION L0008291 VOLUME 478568.251 3745314.549 445.00
LOCATION L0008292 VOLUME 478562.205 3745320.575 445.00
LOCATION L0008293 VOLUME 478555.028 3745325.296 445.00
LOCATION L0008294 VOLUME 478547.852 3745330.017 445.00
LOCATION L0008295 VOLUME 478540.676 3745334.738 445.00
LOCATION L0008296 VOLUME 478533.500 3745339.460 445.00
LOCATION L0008297 VOLUME 478526.348 3745344.218 445.00
LOCATION L0008298 VOLUME 478519.324 3745349.161 445.00

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LOCATION L0008300     VOLUME   478505.274 3745359.048 445.00
LOCATION L0008301     VOLUME   478497.965 3745363.527 445.00
LOCATION L0008302     VOLUME   478490.356 3745367.513 445.00
LOCATION L0008303     VOLUME   478482.747 3745371.498 445.00
LOCATION L0008304     VOLUME   478475.391 3745375.929 445.00
LOCATION L0008305     VOLUME   478468.082 3745380.443 445.01
LOCATION L0008306     VOLUME   478460.774 3745384.957 445.01
LOCATION L0008307     VOLUME   478453.466 3745389.471 445.02
LOCATION L0008308     VOLUME   478446.332 3745394.241 445.06
LOCATION L0008309     VOLUME   478439.475 3745399.414 445.18
LOCATION L0008310     VOLUME   478432.617 3745404.587 445.29
LOCATION L0008311     VOLUME   478425.760 3745409.761 445.40
LOCATION L0008312     VOLUME   478418.902 3745414.934 445.51
LOCATION L0008313     VOLUME   478412.045 3745420.107 445.62
LOCATION L0008314     VOLUME   478405.187 3745425.280 445.73
LOCATION L0008315     VOLUME   478398.330 3745430.454 445.85
LOCATION L0008316     VOLUME   478391.939 3745436.138 445.92
LOCATION L0008317     VOLUME   478386.171 3745442.503 445.94
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LOCATION L0008321     VOLUME   478363.530 3745468.315 446.00
LOCATION L0008322     VOLUME   478358.464 3745475.253 446.00
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LOCATION L0008324     VOLUME   478348.333 3745489.128 446.00
LOCATION L0008325     VOLUME   478343.268 3745496.066 446.00
LOCATION L0008326     VOLUME   478338.202 3745503.003 446.00
LOCATION L0008327     VOLUME   478333.137 3745509.941 446.00
LOCATION L0008328     VOLUME   478328.071 3745516.878 446.00
LOCATION L0008329     VOLUME   478323.006 3745523.816 446.00
LOCATION L0008330     VOLUME   478319.293 3745531.548 446.00
LOCATION L0008331     VOLUME   478315.699 3745539.350 446.00
LOCATION L0008332     VOLUME   478312.106 3745547.152 446.00
LOCATION L0008333     VOLUME   478308.512 3745554.954 446.00
LOCATION L0008334     VOLUME   478304.918 3745562.756 446.00
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LOCATION L0008336     VOLUME   478297.730 3745578.360 446.00
LOCATION L0008337     VOLUME   478294.136 3745586.162 446.00
LOCATION L0008338     VOLUME   478292.019 3745594.434 446.01
LOCATION L0008339     VOLUME   478290.448 3745602.879 446.02
LOCATION L0008340     VOLUME   478288.876 3745611.324 446.03
LOCATION L0008341     VOLUME   478287.305 3745619.769 446.04
LOCATION L0008342     VOLUME   478285.734 3745628.214 446.05
LOCATION L0008343     VOLUME   478284.162 3745636.659 446.06
LOCATION L0008344     VOLUME   478282.591 3745645.104 446.07
LOCATION L0008345     VOLUME   478282.119 3745653.658 446.07
LOCATION L0008346     VOLUME   478282.008 3745662.247 446.07
LOCATION L0008347     VOLUME   478281.896 3745670.836 446.07
LOCATION L0008348     VOLUME   478281.785 3745679.426 446.07
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LOCATION L0008349 VOLUME 478281.674 3745688.015 446.07
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LOCATION L0008351 VOLUME 478281.451 3745705.193 446.07
LOCATION L0008352 VOLUME 478281.424 3745713.783 446.07
LOCATION L0008353 VOLUME 478281.424 3745722.373 446.06
LOCATION L0008354 VOLUME 478281.424 3745730.963 446.06
LOCATION L0008355 VOLUME 478281.424 3745739.553 446.06
LOCATION L0008356 VOLUME 478281.424 3745748.143 446.05
LOCATION L0008357 VOLUME 478281.424 3745756.733 446.05
LOCATION L0008358 VOLUME 478281.424 3745765.323 446.05
LOCATION L0008359 VOLUME 478281.424 3745773.913 446.05
LOCATION L0008360 VOLUME 478281.424 3745782.503 446.06
LOCATION L0008361 VOLUME 478281.424 3745791.093 446.06
LOCATION L0008362 VOLUME 478281.424 3745799.683 446.06
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LOCATION L0008369 VOLUME 478281.424 3745859.813 446.05
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LOCATION L0008374 VOLUME 478281.500 3745902.763 446.12
LOCATION L0008375 VOLUME 478281.520 3745911.353 446.14
LOCATION L0008376 VOLUME 478281.541 3745919.943 446.16
LOCATION L0008377 VOLUME 478281.561 3745928.533 446.18
LOCATION L0008378 VOLUME 478281.582 3745937.123 446.20
LOCATION L0008379 VOLUME 478281.602 3745945.713 446.22
LOCATION L0008380 VOLUME 478281.622 3745954.303 446.23
LOCATION L0008381 VOLUME 478281.643 3745962.893 446.25
LOCATION L0008382 VOLUME 478281.663 3745971.483 446.27
LOCATION L0008383 VOLUME 478281.684 3745980.073 446.29
LOCATION L0008384 VOLUME 478281.704 3745988.663 446.31
LOCATION L0008385 VOLUME 478281.725 3745997.253 446.33
LOCATION L0008386 VOLUME 478281.745 3746005.843 446.35
LOCATION L0008387 VOLUME 478281.765 3746014.433 446.37
LOCATION L0008388 VOLUME 478281.786 3746023.023 446.39
LOCATION L0008389 VOLUME 478281.806 3746031.613 446.41
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LOCATION L0008391 VOLUME 478281.847 3746048.793 446.44
LOCATION L0008392 VOLUME 478281.868 3746057.383 446.46
LOCATION L0008393 VOLUME 478281.888 3746065.973 446.48
LOCATION L0008394 VOLUME 478281.908 3746074.563 446.50
LOCATION L0008395 VOLUME 478281.929 3746083.153 446.52
LOCATION L0008396 VOLUME 478281.949 3746091.743 446.54
LOCATION L0008397 VOLUME 478281.970 3746100.333 446.56
LOCATION L0008398 VOLUME 478281.990 3746108.923 446.58

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   LOCATION L0008403     VOLUME   478282.092 3746151.872 446.67
   LOCATION L0008404     VOLUME   478282.194 3746160.462 446.68
   LOCATION L0008405     VOLUME   478282.343 3746169.050 446.67
   LOCATION L0008406     VOLUME   478282.491 3746177.639 446.66
   LOCATION L0008407     VOLUME   478282.640 3746186.228 446.66
   LOCATION L0008408     VOLUME   478282.789 3746194.816 446.65
   LOCATION L0008409     VOLUME   478282.937 3746203.405 446.64
   LOCATION L0008410     VOLUME   478283.086 3746211.994 446.63
   LOCATION L0008411     VOLUME   478283.234 3746220.583 446.63
   LOCATION L0008412     VOLUME   478283.383 3746229.171 446.62
   LOCATION L0008413     VOLUME   478283.531 3746237.760 446.61
   LOCATION L0008414     VOLUME   478283.680 3746246.349 446.61
   LOCATION L0008415     VOLUME   478283.829 3746254.937 446.60
   LOCATION L0008416     VOLUME   478283.977 3746263.526 446.59
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   LOCATION L0008420     VOLUME   478284.571 3746297.881 446.57
   LOCATION L0008421     VOLUME   478284.720 3746306.470 446.56
   LOCATION L0008422     VOLUME   478284.869 3746315.058 446.55
   LOCATION L0008423     VOLUME   478285.017 3746323.647 446.55
   LOCATION L0008424     VOLUME   478285.166 3746332.236 446.54
   LOCATION L0008425     VOLUME   478285.314 3746340.825 446.53
   LOCATION L0008426     VOLUME   478285.463 3746349.413 446.52
** END OF LINE VOLUME SOURCE ID = SLINE3
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE4
** DESCRSRC OFF-SITE TRAVEL 10% INBOUND/OUTBOUND DWY 2
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.384E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 14
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** 478637.489, 3744676.790, 445.00, 3.49, 4.00
** 478592.697, 3744616.674, 445.00, 3.49, 4.00
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** 478494.860, 3744534.161, 446.00, 3.49, 4.00
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** 478415.884, 3744487.011, 446.00, 3.49, 4.00
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   LOCATION L0008430     VOLUME   478661.313 3744731.244 444.98
   LOCATION L0008431     VOLUME   478657.870 3744723.374 444.98
   LOCATION L0008432     VOLUME   478654.427 3744715.505 444.99
   LOCATION L0008433     VOLUME   478650.984 3744707.635 444.99
   LOCATION L0008434     VOLUME   478647.541 3744699.765 444.99
   LOCATION L0008435     VOLUME   478644.098 3744691.895 444.99
   LOCATION L0008436     VOLUME   478640.655 3744684.025 445.00
   LOCATION L0008437     VOLUME   478637.075 3744676.235 445.00
   LOCATION L0008438     VOLUME   478631.943 3744669.347 445.00
   LOCATION L0008439     VOLUME   478626.811 3744662.458 445.00
   LOCATION L0008440     VOLUME   478621.678 3744655.570 445.00
   LOCATION L0008441     VOLUME   478616.546 3744648.682 445.00
   LOCATION L0008442     VOLUME   478611.414 3744641.794 445.00
   LOCATION L0008443     VOLUME   478606.281 3744634.906 445.00
   LOCATION L0008444     VOLUME   478601.149 3744628.018 445.00
   LOCATION L0008445     VOLUME   478596.016 3744621.129 445.00
   LOCATION L0008446     VOLUME   478590.591 3744614.490 445.00
   LOCATION L0008447     VOLUME   478584.628 3744608.307 445.00
   LOCATION L0008448     VOLUME   478578.666 3744602.123 445.00
   LOCATION L0008449     VOLUME   478572.703 3744595.940 445.00
   LOCATION L0008450     VOLUME   478566.740 3744589.756 445.00
   LOCATION L0008451     VOLUME   478560.764 3744583.589 445.00
   LOCATION L0008452     VOLUME   478553.892 3744578.435 445.11
   LOCATION L0008453     VOLUME   478547.020 3744573.281 445.21
   LOCATION L0008454     VOLUME   478540.148 3744568.127 445.31
   LOCATION L0008455     VOLUME   478533.276 3744562.973 445.42
   LOCATION L0008456     VOLUME   478526.404 3744557.819 445.52
   LOCATION L0008457     VOLUME   478519.532 3744552.665 445.63
   LOCATION L0008458     VOLUME   478512.660 3744547.511 445.73
   LOCATION L0008459     VOLUME   478505.788 3744542.357 445.83
   LOCATION L0008460     VOLUME   478498.916 3744537.203 445.94
   LOCATION L0008461     VOLUME   478491.745 3744532.521 446.00
   LOCATION L0008462     VOLUME   478484.143 3744528.521 446.00
   LOCATION L0008463     VOLUME   478476.542 3744524.520 446.00
   LOCATION L0008464     VOLUME   478468.940 3744520.519 446.00
   LOCATION L0008465     VOLUME   478461.339 3744516.518 446.00
   LOCATION L0008466     VOLUME   478453.737 3744512.518 446.00
   LOCATION L0008467     VOLUME   478446.410 3744508.064 446.00
   LOCATION L0008468     VOLUME   478439.339 3744503.187 446.00
   LOCATION L0008469     VOLUME   478432.267 3744498.310 446.00
   LOCATION L0008470     VOLUME   478425.196 3744493.433 446.00
   LOCATION L0008471     VOLUME   478418.125 3744488.556 446.00
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LOCATION L0008475 VOLUME 478391.975 3744466.290 446.00
LOCATION L0008476 VOLUME 478385.484 3744460.665 446.00
LOCATION L0008477 VOLUME 478379.128 3744454.897 446.03
LOCATION L0008478 VOLUME 478373.212 3744448.669 446.15
LOCATION L0008479 VOLUME 478367.295 3744442.441 446.28
LOCATION L0008480 VOLUME 478361.379 3744436.214 446.40
LOCATION L0008481 VOLUME 478355.463 3744429.986 446.53
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LOCATION L0008483 VOLUME 478343.630 3744417.530 446.77
LOCATION L0008484 VOLUME 478337.714 3744411.303 446.90
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LOCATION L0008486 VOLUME 478329.482 3744396.352 446.96
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LOCATION L0008489 VOLUME 478318.223 3744373.172 446.99
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LOCATION L0008495 VOLUME 478301.056 3744324.618 447.00
LOCATION L0008496 VOLUME 478298.308 3744316.480 447.00
LOCATION L0008497 VOLUME 478295.560 3744308.341 447.00
LOCATION L0008498 VOLUME 478292.812 3744300.203 447.00
LOCATION L0008499 VOLUME 478290.064 3744292.064 447.00
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LOCATION L0008503 VOLUME 478284.304 3744258.543 447.00
LOCATION L0008504 VOLUME 478283.964 3744249.960 447.00
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LOCATION L0008506 VOLUME 478283.284 3744232.794 447.00
LOCATION L0008507 VOLUME 478282.944 3744224.210 447.00
LOCATION L0008508 VOLUME 478282.604 3744215.627 447.00
LOCATION L0008509 VOLUME 478282.264 3744207.044 447.00
LOCATION L0008510 VOLUME 478281.924 3744198.461 447.00
LOCATION L0008511 VOLUME 478281.584 3744189.877 447.00
LOCATION L0008512 VOLUME 478281.245 3744181.294 447.00
LOCATION L0008513 VOLUME 478280.905 3744172.711 447.00
LOCATION L0008514 VOLUME 478280.565 3744164.127 447.00
LOCATION L0008515 VOLUME 478280.293 3744155.542 447.01
LOCATION L0008516 VOLUME 478280.181 3744146.953 447.03
LOCATION L0008517 VOLUME 478280.068 3744138.364 447.05
LOCATION L0008518 VOLUME 478279.956 3744129.775 447.08
LOCATION L0008519 VOLUME 478279.843 3744121.185 447.10
LOCATION L0008520 VOLUME 478279.730 3744112.596 447.12
LOCATION L0008521 VOLUME 478279.618 3744104.007 447.15

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   LOCATION L0008522     VOLUME   478279.505 3744095.418 447.17
   LOCATION L0008523     VOLUME   478279.393 3744086.828 447.19
   LOCATION L0008524     VOLUME   478279.280 3744078.239 447.22
   LOCATION L0008525     VOLUME   478279.167 3744069.650 447.24
   LOCATION L0008526     VOLUME   478279.055 3744061.061 447.26
   LOCATION L0008527     VOLUME   478278.942 3744052.471 447.29
   LOCATION L0008528     VOLUME   478278.829 3744043.882 447.31
   LOCATION L0008529     VOLUME   478278.717 3744035.293 447.33
   LOCATION L0008530     VOLUME   478278.604 3744026.703 447.36
   LOCATION L0008531     VOLUME   478278.492 3744018.114 447.38
   LOCATION L0008532     VOLUME   478278.379 3744009.525 447.41
   LOCATION L0008533     VOLUME   478278.266 3744000.936 447.43
   LOCATION L0008534     VOLUME   478278.154 3743992.346 447.45
   LOCATION L0008535     VOLUME   478278.041 3743983.757 447.48
   LOCATION L0008536     VOLUME   478277.928 3743975.168 447.50
   LOCATION L0008537     VOLUME   478277.816 3743966.579 447.52
   LOCATION L0008538     VOLUME   478277.703 3743957.989 447.55
   LOCATION L0008539     VOLUME   478277.591 3743949.400 447.57
   LOCATION L0008540     VOLUME   478277.478 3743940.811 447.59
   LOCATION L0008541     VOLUME   478277.365 3743932.222 447.62
   LOCATION L0008542     VOLUME   478277.253 3743923.632 447.64
   LOCATION L0008543     VOLUME   478277.140 3743915.043 447.66
   LOCATION L0008544     VOLUME   478277.028 3743906.454 447.69
   LOCATION L0008545     VOLUME   478276.915 3743897.865 447.71
   LOCATION L0008546     VOLUME   478276.802 3743889.275 447.73
   LOCATION L0008547     VOLUME   478276.690 3743880.686 447.76
   LOCATION L0008548     VOLUME   478276.577 3743872.097 447.78
   LOCATION L0008549     VOLUME   478276.464 3743863.507 447.80
   LOCATION L0008550     VOLUME   478276.352 3743854.918 447.83
   LOCATION L0008551     VOLUME   478276.239 3743846.329 447.85
   LOCATION L0008552     VOLUME   478276.127 3743837.740 447.87
   LOCATION L0008553     VOLUME   478276.014 3743829.150 447.90
   LOCATION L0008554     VOLUME   478275.901 3743820.561 447.92
   LOCATION L0008555     VOLUME   478275.789 3743811.972 447.94
   LOCATION L0008556     VOLUME   478275.676 3743803.383 447.97
   LOCATION L0008557     VOLUME   478275.563 3743794.793 447.99
** END OF LINE VOLUME SOURCE ID = SLINE4
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE5
** DESCRSRC OFF-SITE TRAVEL 50% INBOUND DWY 4
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 4.888E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 9
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** 479078.280, 3745963.875, 444.00, 3.49, 4.00
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** 479077.248, 3745356.254, 444.00, 3.49, 4.00
** 479078.280, 3745077.719, 443.11, 3.49, 4.00
** 479074.154, 3744952.893, 443.10, 3.49, 4.00
** 479073.122, 3744775.456, 443.15, 3.49, 4.00
** 479073.122, 3744765.140, 443.07, 3.49, 4.00
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   LOCATION L0008559     VOLUME   479076.285 3746340.940 444.97
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   LOCATION L0008561     VOLUME   479076.376 3746323.760 444.92
   LOCATION L0008562     VOLUME   479076.421 3746315.170 444.90
   LOCATION L0008563     VOLUME   479076.467 3746306.580 444.88
   LOCATION L0008564     VOLUME   479076.512 3746297.991 444.86
   LOCATION L0008565     VOLUME   479076.558 3746289.401 444.83
   LOCATION L0008566     VOLUME   479076.603 3746280.811 444.81
   LOCATION L0008567     VOLUME   479076.649 3746272.221 444.79
   LOCATION L0008568     VOLUME   479076.694 3746263.631 444.77
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   LOCATION L0008570     VOLUME   479076.785 3746246.451 444.72
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE6
** DESCRSRC OFF-SITE TRAVEL 50% OUTBOUND DWY 4
** PREFIX
** LENGTH OF SIDE = 8.59
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** VERTICAL DIMENSION = 6.99
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** SOURCE PARAMETERS **
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   SRCPARAM L0008157     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008158     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008159     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008160     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008161     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008162     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008163     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008164     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008165     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008166     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008167     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008168     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008169     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008170     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008171     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008172     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008173     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008174     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008175     0.000001141      3.49      4.00      3.25
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   SRCPARAM L0008176     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008177     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008178     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008179     0.000001141      3.49      4.00      3.25
   SRCPARAM L0008180     0.000001141      3.49      4.00      3.25
** ----------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE2
   SRCPARAM L0008181     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008182     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008183     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008184     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008185     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008186     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008187     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008188     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008189     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008190     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008191     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008192     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008193     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008194     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008195     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008196     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008197     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008198     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008199     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008200     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008201     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008202     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008203     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008204     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008205     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008206     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008207     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008208     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008209     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008210     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008211     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008212     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008213     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008214     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008215     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008216     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008217     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008218     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008219     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008220     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008221     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008222     0.0000002273      3.49      4.00      3.25
   SRCPARAM L0008223     0.0000002273      3.49      4.00      3.25
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** LINE VOLUME SOURCE ID = SLINE3
   SRCPARAM L0008224     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008225     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008226     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008227     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008228     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008229     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008230     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008231     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008232     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008233     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008234     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008235     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008236     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008237     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008238     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008239     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008240     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008241     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008242     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008243     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008244     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008245     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008246     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008247     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008248     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008249     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008250     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008251     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008252     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008253     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008254     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008255     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008256     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008257     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008258     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008259     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008260     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008261     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008262     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008263     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008264     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008265     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008266     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008267     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008268     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008269     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008270     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008271     0.00000004233      0.00      4.00      3.25
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SRCPARAM L0008272     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008273     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008274     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008275     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008276     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008277     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008278     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008279     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008280     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008281     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008282     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008283     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008284     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008285     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008286     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008287     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008288     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008289     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008290     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008291     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008292     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008293     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008294     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008295     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008296     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008297     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008298     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008299     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008300     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008301     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008302     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008303     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008304     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008305     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008306     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008307     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008308     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008309     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008310     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008311     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008312     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008313     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008314     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008315     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008316     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008317     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008318     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008319     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008320     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008321     0.00000004233      0.00      4.00      3.25
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SRCPARAM L0008322     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008323     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008324     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008325     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008326     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008327     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008328     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008329     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008330     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008331     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008332     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008333     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008334     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008335     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008336     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008337     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008338     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008339     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008340     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008341     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008342     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008343     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008344     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008345     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008346     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008347     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008348     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008349     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008350     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008351     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008352     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008353     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008354     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008355     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008356     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008357     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008358     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008359     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008360     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008361     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008362     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008363     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008364     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008365     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008366     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008367     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008368     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008369     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008370     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008371     0.00000004233      0.00      4.00      3.25
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SRCPARAM L0008372     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008373     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008374     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008375     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008376     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008377     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008378     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008379     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008380     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008381     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008382     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008383     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008384     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008385     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008386     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008387     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008388     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008389     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008390     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008391     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008392     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008393     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008394     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008395     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008396     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008397     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008398     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008399     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008400     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008401     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008402     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008403     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008404     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008405     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008406     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008407     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008408     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008409     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008410     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008411     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008412     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008413     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008414     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008415     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008416     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008417     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008418     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008419     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008420     0.00000004233      0.00      4.00      3.25
SRCPARAM L0008421     0.00000004233      0.00      4.00      3.25
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   SRCPARAM L0008422     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008423     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008424     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008425     0.00000004233      0.00      4.00      3.25
   SRCPARAM L0008426     0.00000004233      0.00      4.00      3.25
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** LINE VOLUME SOURCE ID = SLINE4
   SRCPARAM L0008427     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008428     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008429     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008430     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008431     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008432     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008433     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008434     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008435     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008436     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008437     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008438     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008439     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008440     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008441     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008442     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008443     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008444     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008445     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008446     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008447     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008448     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008449     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008450     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008451     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008452     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008453     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008454     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008455     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008456     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008457     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008458     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008459     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008460     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008461     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008462     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008463     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008464     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008465     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008466     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008467     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008468     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008469     0.00000001056      3.49      4.00      3.25
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SRCPARAM L0008470     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008471     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008472     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008473     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008474     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008475     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008476     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008477     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008478     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008479     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008480     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008481     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008482     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008483     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008484     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008485     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008486     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008487     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008488     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008489     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008490     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008491     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008492     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008493     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008494     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008495     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008496     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008497     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008498     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008499     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008500     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008501     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008502     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008503     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008504     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008505     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008506     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008507     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008508     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008509     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008510     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008511     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008512     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008513     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008514     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008515     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008516     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008517     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008518     0.00000001056      3.49      4.00      3.25
SRCPARAM L0008519     0.00000001056      3.49      4.00      3.25
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   SRCPARAM L0008520     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008521     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008522     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008523     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008524     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008525     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008526     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008527     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008528     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008529     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008530     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008531     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008532     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008533     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008534     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008535     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008536     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008537     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008538     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008539     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008540     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008541     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008542     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008543     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008544     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008545     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008546     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008547     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008548     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008549     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008550     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008551     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008552     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008553     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008554     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008555     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008556     0.00000001056      3.49      4.00      3.25
   SRCPARAM L0008557     0.00000001056      3.49      4.00      3.25
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** LINE VOLUME SOURCE ID = SLINE5
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   SRCPARAM L0008559     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008560     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008561     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008562     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008563     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008564     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008565     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008566     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008567     0.00000002642      3.49      4.00      3.25
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SRCPARAM L0008568     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008569     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008570     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008571     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008572     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008573     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008574     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008575     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008576     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008577     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008578     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008579     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008580     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008581     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008582     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008583     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008584     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008585     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008586     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008587     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008588     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008589     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008590     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008591     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008592     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008593     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008594     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008595     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008596     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008597     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008598     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008599     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008600     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008601     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008602     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008603     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008604     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008605     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008606     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008607     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008608     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008609     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008610     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008611     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008612     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008613     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008614     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008615     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008616     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008617     0.00000002642      3.49      4.00      3.25
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SRCPARAM L0008618     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008619     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008620     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008621     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008622     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008623     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008624     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008625     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008626     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008627     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008628     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008629     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008630     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008631     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008632     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008633     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008634     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008635     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008636     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008637     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008638     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008639     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008640     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008641     0.00000002642      3.49      4.00      3.25
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SRCPARAM L0008643     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008644     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008645     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008646     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008647     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008648     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008649     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008650     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008651     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008652     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008653     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008654     0.00000002642      3.49      4.00      3.25
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SRCPARAM L0008658     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008659     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008660     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008661     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008662     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008663     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008664     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008665     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008666     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008667     0.00000002642      3.49      4.00      3.25
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SRCPARAM L0008668     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008669     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008670     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008671     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008672     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008673     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008674     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008675     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008676     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008677     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008678     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008679     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008680     0.00000002642      3.49      4.00      3.25
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SRCPARAM L0008684     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008685     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008686     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008687     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008688     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008689     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008690     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008691     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008692     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008693     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008694     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008695     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008696     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008697     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008698     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008699     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008700     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008701     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008702     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008703     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008704     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008705     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008706     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008707     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008708     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008709     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008710     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008711     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008712     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008713     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008714     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008715     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008716     0.00000002642      3.49      4.00      3.25
SRCPARAM L0008717     0.00000002642      3.49      4.00      3.25
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   SRCPARAM L0008718     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008719     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008720     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008721     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008722     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008723     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008724     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008725     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008726     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008727     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008728     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008729     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008730     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008731     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008732     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008733     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008734     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008735     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008736     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008737     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008738     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008739     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008740     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008741     0.00000002642      3.49      4.00      3.25
   SRCPARAM L0008742     0.00000002642      3.49      4.00      3.25
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** LINE VOLUME SOURCE ID = SLINE6
   SRCPARAM L0008743     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008744     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008745     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008746     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008747     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008748     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008749     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008750     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008751     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008752     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008753     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008754     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008755     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008756     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008757     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008758     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008759     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008760     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008761     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008762     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008763     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008764     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008765     0.00000002648      3.49      4.00      3.25
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SRCPARAM L0008766     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008767     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008768     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008769     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008770     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008771     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008772     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008773     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008774     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008775     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008776     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008777     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008778     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008779     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008780     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008781     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008782     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008783     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008784     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008785     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008786     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008787     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008788     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008789     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008790     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008791     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008792     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008793     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008794     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008795     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008796     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008797     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008798     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008799     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008800     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008801     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008802     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008803     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008804     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008805     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008806     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008807     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008808     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008809     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008810     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008811     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008812     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008813     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008814     0.00000002648      3.49      4.00      3.25
SRCPARAM L0008815     0.00000002648      3.49      4.00      3.25
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   SRCPARAM L0008816     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008817     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008818     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008819     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008820     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008821     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008822     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008823     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008824     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008825     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008826     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008827     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008828     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008829     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008830     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008831     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008832     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008833     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008834     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008835     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008836     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008837     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008838     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008839     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008840     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008841     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008842     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008843     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008844     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008845     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008846     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008847     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008848     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008849     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008850     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008851     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008852     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008853     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008854     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008855     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008856     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008857     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008858     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008859     0.00000002648      3.49      4.00      3.25
   SRCPARAM L0008860     0.00000002648      3.49      4.00      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
```

```
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "13234-03 HRA.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE PERRISADJU\PERI_V9_ADJU\PERI_V9.SFC
   PROFFILE PERRISADJU\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   ANNUAL ALL "13234-03 HRA.AD\AN00GALL.PLT" 31
   SUMMFILE "13234-03 HRA.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    1621       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
```

```
     0.50
 ME W187    1621       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:24:43

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   706 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  DPM
```

```
 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    706 Source(s);       1 Source Group(s); and      43
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    706 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL 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 =      3.8 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   13234-03 HRA.ERR

 **File for Summary of Results:   13234-03 HRA.SUM

↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0008155	0	0.11410E-05	478761.0	3744796.5	444.0	3.49	4.00	3.25	YES
L0008156	0	0.11410E-05	478769.6	3744796.5	444.0	3.49	4.00	3.25	YES
L0008157	0	0.11410E-05	478778.1	3744796.6	444.0	3.49	4.00	3.25	YES
L0008158	0	0.11410E-05	478786.7	3744796.6	444.0	3.49	4.00	3.25	YES
L0008159	0	0.11410E-05	478795.3	3744796.6	444.0	3.49	4.00	3.25	YES
L0008160	0	0.11410E-05	478803.9	3744796.6	444.0	3.49	4.00	3.25	YES
L0008161	0	0.11410E-05	478812.5	3744796.7	444.0	3.49	4.00	3.25	YES
L0008162	0	0.11410E-05	478821.1	3744796.7	444.0	3.49	4.00	3.25	YES
L0008163	0	0.11410E-05	478829.7	3744796.7	444.0	3.49	4.00	3.25	YES
L0008164	0	0.11410E-05	478838.3	3744796.8	444.0	3.49	4.00	3.25	YES
L0008165	0	0.11410E-05	478846.9	3744796.8	444.0	3.49	4.00	3.25	YES
L0008166	0	0.11410E-05	478855.5	3744796.8	444.0	3.49	4.00	3.25	YES
L0008167	0	0.11410E-05	478864.0	3744796.8	444.0	3.49	4.00	3.25	YES
L0008168	0	0.11410E-05	478872.6	3744796.9	444.0	3.49	4.00	3.25	YES
L0008169	0	0.11410E-05	478881.2	3744796.9	444.0	3.49	4.00	3.25	YES
L0008170	0	0.11410E-05	478889.8	3744796.9	444.0	3.49	4.00		

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3.25     YES
 L0008171         0   0.11410E-05  478898.4 3744797.0   444.0     3.49     4.00
3.25     YES
 L0008172         0   0.11410E-05  478907.0 3744797.0   444.0     3.49     4.00
3.25     YES
 L0008173         0   0.11410E-05  478915.6 3744797.0   444.0     3.49     4.00
3.25     YES
 L0008174         0   0.11410E-05  478924.2 3744797.0   444.0     3.49     4.00
3.25     YES
 L0008175         0   0.11410E-05  478932.8 3744797.1   444.0     3.49     4.00
3.25     YES
 L0008176         0   0.11410E-05  478941.4 3744797.1   444.0     3.49     4.00
3.25     YES
 L0008177         0   0.11410E-05  478949.9 3744797.1   444.0     3.49     4.00
3.25     YES
 L0008178         0   0.11410E-05  478958.5 3744797.2   444.0     3.49     4.00
3.25     YES
 L0008179         0   0.11410E-05  478967.1 3744797.2   444.0     3.49     4.00
3.25     YES
 L0008180         0   0.11410E-05  478975.7 3744797.2   444.0     3.49     4.00
3.25     YES
 L0008181         0   0.22730E-06  478691.6 3744759.7   444.1     3.49     4.00
3.25     YES
 L0008182         0   0.22730E-06  478700.2 3744760.1   444.1     3.49     4.00
3.25     YES
 L0008183         0   0.22730E-06  478708.5 3744762.4   444.0     3.49     4.00
3.25     YES
 L0008184         0   0.22730E-06  478716.5 3744765.5   444.0     3.49     4.00
3.25     YES
 L0008185         0   0.22730E-06  478724.5 3744768.5   444.0     3.49     4.00
3.25     YES
 L0008186         0   0.22730E-06  478732.7 3744770.8   444.0     3.49     4.00
3.25     YES
 L0008187         0   0.22730E-06  478741.3 3744770.9   444.0     3.49     4.00
3.25     YES
 L0008188         0   0.22730E-06  478749.9 3744771.0   444.0     3.49     4.00
3.25     YES
 L0008189         0   0.22730E-06  478758.5 3744771.0   444.0     3.49     4.00
3.25     YES
 L0008190         0   0.22730E-06  478767.0 3744771.0   444.0     3.49     4.00
3.25     YES
 L0008191         0   0.22730E-06  478775.6 3744771.1   444.0     3.49     4.00
3.25     YES
 L0008192         0   0.22730E-06  478784.2 3744771.1   444.0     3.49     4.00
3.25     YES
 L0008193         0   0.22730E-06  478792.8 3744771.1   444.0     3.49     4.00
3.25     YES
 L0008194         0   0.22730E-06  478801.4 3744771.1   444.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0008195	0	0.22730E-06	478810.0	3744771.1	444.0	3.49	4.00	3.25	YES
L0008196	0	0.22730E-06	478818.6	3744771.2	444.0	3.49	4.00	3.25	YES
L0008197	0	0.22730E-06	478827.2	3744771.2	444.0	3.49	4.00	3.25	YES
L0008198	0	0.22730E-06	478835.8	3744771.2	444.0	3.49	4.00	3.25	YES
L0008199	0	0.22730E-06	478844.4	3744771.2	444.0	3.49	4.00	3.25	YES
L0008200	0	0.22730E-06	478852.9	3744771.3	444.0	3.49	4.00	3.25	YES
L0008201	0	0.22730E-06	478861.5	3744771.3	444.0	3.49	4.00	3.25	YES
L0008202	0	0.22730E-06	478870.1	3744771.3	444.0	3.49	4.00	3.25	YES
L0008203	0	0.22730E-06	478878.7	3744771.3	444.0	3.49	4.00	3.25	YES
L0008204	0	0.22730E-06	478887.3	3744771.4	444.0	3.49	4.00	3.25	YES
L0008205	0	0.22730E-06	478895.9	3744771.4	444.0	3.49	4.00	3.25	YES
L0008206	0	0.22730E-06	478904.5	3744771.4	444.0	3.49	4.00	3.25	YES
L0008207	0	0.22730E-06	478913.1	3744771.4	444.0	3.49	4.00	3.25	YES
L0008208	0	0.22730E-06	478921.7	3744771.5	444.0	3.49	4.00	3.25	YES
L0008209	0	0.22730E-06	478930.3	3744771.5	444.0	3.49	4.00	3.25	YES
L0008210	0	0.22730E-06	478938.8	3744771.5	444.0	3.49	4.00		

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3.25     YES
 L0008211         0   0.22730E-06  478947.4 3744771.5   444.0     3.49     4.00
3.25     YES
 L0008212         0   0.22730E-06  478956.0 3744771.6   444.0     3.49     4.00
3.25     YES
 L0008213         0   0.22730E-06  478964.6 3744771.6   444.0     3.49     4.00
3.25     YES
 L0008214         0   0.22730E-06  478973.2 3744771.6   444.0     3.49     4.00
3.25     YES
 L0008215         0   0.22730E-06  478981.8 3744771.6   444.0     3.49     4.00
3.25     YES
 L0008216         0   0.22730E-06  478990.4 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008217         0   0.22730E-06  478999.0 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008218         0   0.22730E-06  479007.6 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008219         0   0.22730E-06  479016.2 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008220         0   0.22730E-06  479024.7 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008221         0   0.22730E-06  479033.3 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008222         0   0.22730E-06  479041.9 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008223         0   0.22730E-06  479050.5 3744771.7   444.0     3.49     4.00
3.25     YES
 L0008224         0   0.42330E-07  478670.9 3744769.5   444.8     0.00     4.00
3.25     YES
 L0008225         0   0.42330E-07  478671.7 3744778.1   444.7     0.00     4.00
3.25     YES
 L0008226         0   0.42330E-07  478672.6 3744786.6   444.6     0.00     4.00
3.25     YES
 L0008227         0   0.42330E-07  478673.5 3744795.2   444.6     0.00     4.00
3.25     YES
 L0008228         0   0.42330E-07  478674.3 3744803.7   444.5     0.00     4.00
3.25     YES
 L0008229         0   0.42330E-07  478675.2 3744812.3   444.4     0.00     4.00
3.25     YES
 L0008230         0   0.42330E-07  478676.1 3744820.8   444.4     0.00     4.00
3.25     YES
 L0008231         0   0.42330E-07  478676.9 3744829.4   444.3     0.00     4.00
3.25     YES
 L0008232         0   0.42330E-07  478677.8 3744837.9   444.2     0.00     4.00
3.25     YES
 L0008233         0   0.42330E-07  478678.7 3744846.5   444.2     0.00     4.00
3.25     YES
 L0008234         0   0.42330E-07  478679.5 3744855.0   444.1     0.00     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE CATS.
L0008235	0	0.42330E-07	478680.4	3744863.6	444.1	0.00	4.00	3.25	YES	
L0008236	0	0.42330E-07	478681.1	3744872.1	444.0	0.00	4.00	3.25	YES	
L0008237	0	0.42330E-07	478681.0	3744880.7	444.0	0.00	4.00	3.25	YES	
L0008238	0	0.42330E-07	478680.9	3744889.3	444.0	0.00	4.00	3.25	YES	
L0008239	0	0.42330E-07	478681.0	3744897.9	444.0	0.00	4.00	3.25	YES	
L0008240	0	0.42330E-07	478681.0	3744906.5	444.0	0.00	4.00	3.25	YES	
L0008241	0	0.42330E-07	478681.1	3744915.1	444.0	0.00	4.00	3.25	YES	
L0008242	0	0.42330E-07	478681.2	3744923.6	444.0	0.00	4.00	3.25	YES	
L0008243	0	0.42330E-07	478681.2	3744932.2	444.0	0.00	4.00	3.25	YES	
L0008244	0	0.42330E-07	478681.3	3744940.8	444.0	0.00	4.00	3.25	YES	
L0008245	0	0.42330E-07	478681.3	3744949.4	444.0	0.00	4.00	3.25	YES	
L0008246	0	0.42330E-07	478681.4	3744958.0	444.0	0.00	4.00	3.25	YES	
L0008247	0	0.42330E-07	478681.4	3744966.6	444.0	0.00	4.00	3.25	YES	
L0008248	0	0.42330E-07	478681.5	3744975.2	444.0	0.00	4.00	3.25	YES	
L0008249	0	0.42330E-07	478681.5	3744983.8	444.0	0.00	4.00	3.25	YES	
L0008250	0	0.42330E-07	478681.4	3744992.4	444.0	0.00	4.00			

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3.25     YES
 L0008251         0   0.42330E-07  478681.0 3745000.9   444.1     0.00     4.00
3.25     YES
 L0008252         0   0.42330E-07  478680.7 3745009.5   444.1     0.00     4.00
3.25     YES
 L0008253         0   0.42330E-07  478680.4 3745018.1   444.1     0.00     4.00
3.25     YES
 L0008254         0   0.42330E-07  478680.1 3745026.7   444.2     0.00     4.00
3.25     YES
 L0008255         0   0.42330E-07  478679.7 3745035.3   444.2     0.00     4.00
3.25     YES
 L0008256         0   0.42330E-07  478679.4 3745043.9   444.2     0.00     4.00
3.25     YES
 L0008257         0   0.42330E-07  478679.1 3745052.4   444.3     0.00     4.00
3.25     YES
 L0008258         0   0.42330E-07  478678.8 3745061.0   444.3     0.00     4.00
3.25     YES
 L0008259         0   0.42330E-07  478678.4 3745069.6   444.3     0.00     4.00
3.25     YES
 L0008260         0   0.42330E-07  478678.1 3745078.2   444.4     0.00     4.00
3.25     YES
 L0008261         0   0.42330E-07  478677.8 3745086.8   444.4     0.00     4.00
3.25     YES
 L0008262         0   0.42330E-07  478677.0 3745095.3   444.4     0.00     4.00
3.25     YES
 L0008263         0   0.42330E-07  478675.2 3745103.7   444.5     0.00     4.00
3.25     YES
 L0008264         0   0.42330E-07  478673.5 3745112.1   444.6     0.00     4.00
3.25     YES
 L0008265         0   0.42330E-07  478671.8 3745120.5   444.6     0.00     4.00
3.25     YES
 L0008266         0   0.42330E-07  478670.0 3745129.0   444.7     0.00     4.00
3.25     YES
 L0008267         0   0.42330E-07  478668.3 3745137.4   444.8     0.00     4.00
3.25     YES
 L0008268         0   0.42330E-07  478666.6 3745145.8   444.8     0.00     4.00
3.25     YES
 L0008269         0   0.42330E-07  478664.8 3745154.2   444.9     0.00     4.00
3.25     YES
 L0008270         0   0.42330E-07  478663.1 3745162.6   444.9     0.00     4.00
3.25     YES
 L0008271         0   0.42330E-07  478660.9 3745170.9   445.0     0.00     4.00
3.25     YES
 L0008272         0   0.42330E-07  478656.7 3745178.4   445.0     0.00     4.00
3.25     YES
 L0008273         0   0.42330E-07  478652.5 3745185.8   445.0     0.00     4.00
3.25     YES
 L0008274         0   0.42330E-07  478648.3 3745193.3   445.0     0.00     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0008275	0	0.42330E-07	478644.1	3745200.8	445.0	0.00	4.00	3.25	YES	
L0008276	0	0.42330E-07	478639.9	3745208.3	445.0	0.00	4.00	3.25	YES	
L0008277	0	0.42330E-07	478635.7	3745215.8	445.0	0.00	4.00	3.25	YES	
L0008278	0	0.42330E-07	478631.5	3745223.3	445.0	0.00	4.00	3.25	YES	
L0008279	0	0.42330E-07	478627.3	3745230.8	445.0	0.00	4.00	3.25	YES	
L0008280	0	0.42330E-07	478623.1	3745238.3	445.0	0.00	4.00	3.25	YES	
L0008281	0	0.42330E-07	478618.9	3745245.8	445.0	0.00	4.00	3.25	YES	
L0008282	0	0.42330E-07	478614.7	3745253.3	445.0	0.00	4.00	3.25	YES	
L0008283	0	0.42330E-07	478610.5	3745260.8	445.0	0.00	4.00	3.25	YES	
L0008284	0	0.42330E-07	478606.3	3745268.3	445.0	0.00	4.00	3.25	YES	
L0008285	0	0.42330E-07	478602.1	3745275.8	445.0	0.00	4.00	3.25	YES	
L0008286	0	0.42330E-07	478596.7	3745282.4	445.0	0.00	4.00	3.25	YES	
L0008287	0	0.42330E-07	478591.0	3745288.8	445.0	0.00	4.00	3.25	YES	
L0008288	0	0.42330E-07	478585.3	3745295.3	445.0	0.00	4.00	3.25	YES	
L0008289	0	0.42330E-07	478579.6	3745301.7	445.0	0.00	4.00	3.25	YES	
L0008290	0	0.42330E-07	478573.9	3745308.1	445.0	0.00	4.00			

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3.25     YES
 L0008291         0   0.42330E-07  478568.3 3745314.5   445.0     0.00     4.00
3.25     YES
 L0008292         0   0.42330E-07  478562.2 3745320.6   445.0     0.00     4.00
3.25     YES
 L0008293         0   0.42330E-07  478555.0 3745325.3   445.0     0.00     4.00
3.25     YES
 L0008294         0   0.42330E-07  478547.9 3745330.0   445.0     0.00     4.00
3.25     YES
 L0008295         0   0.42330E-07  478540.7 3745334.7   445.0     0.00     4.00
3.25     YES
 L0008296         0   0.42330E-07  478533.5 3745339.5   445.0     0.00     4.00
3.25     YES
 L0008297         0   0.42330E-07  478526.3 3745344.2   445.0     0.00     4.00
3.25     YES
 L0008298         0   0.42330E-07  478519.3 3745349.2   445.0     0.00     4.00
3.25     YES
 L0008299         0   0.42330E-07  478512.3 3745354.1   445.0     0.00     4.00
3.25     YES
 L0008300         0   0.42330E-07  478505.3 3745359.0   445.0     0.00     4.00
3.25     YES
 L0008301         0   0.42330E-07  478498.0 3745363.5   445.0     0.00     4.00
3.25     YES
 L0008302         0   0.42330E-07  478490.4 3745367.5   445.0     0.00     4.00
3.25     YES
 L0008303         0   0.42330E-07  478482.7 3745371.5   445.0     0.00     4.00
3.25     YES
 L0008304         0   0.42330E-07  478475.4 3745375.9   445.0     0.00     4.00
3.25     YES
 L0008305         0   0.42330E-07  478468.1 3745380.4   445.0     0.00     4.00
3.25     YES
 L0008306         0   0.42330E-07  478460.8 3745385.0   445.0     0.00     4.00
3.25     YES
 L0008307         0   0.42330E-07  478453.5 3745389.5   445.0     0.00     4.00
3.25     YES
 L0008308         0   0.42330E-07  478446.3 3745394.2   445.1     0.00     4.00
3.25     YES
 L0008309         0   0.42330E-07  478439.5 3745399.4   445.2     0.00     4.00
3.25     YES
 L0008310         0   0.42330E-07  478432.6 3745404.6   445.3     0.00     4.00
3.25     YES
 L0008311         0   0.42330E-07  478425.8 3745409.8   445.4     0.00     4.00
3.25     YES
 L0008312         0   0.42330E-07  478418.9 3745414.9   445.5     0.00     4.00
3.25     YES
 L0008313         0   0.42330E-07  478412.0 3745420.1   445.6     0.00     4.00
3.25     YES
 L0008314         0   0.42330E-07  478405.2 3745425.3   445.7     0.00     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE 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 VARY BY
L0008315	0	0.42330E-07	478398.3	3745430.5	445.9	0.00	4.00	3.25	YES	
L0008316	0	0.42330E-07	478391.9	3745436.1	445.9	0.00	4.00	3.25	YES	
L0008317	0	0.42330E-07	478386.2	3745442.5	445.9	0.00	4.00	3.25	YES	
L0008318	0	0.42330E-07	478380.4	3745448.9	446.0	0.00	4.00	3.25	YES	
L0008319	0	0.42330E-07	478374.6	3745455.2	446.0	0.00	4.00	3.25	YES	
L0008320	0	0.42330E-07	478368.9	3745461.6	446.0	0.00	4.00	3.25	YES	
L0008321	0	0.42330E-07	478363.5	3745468.3	446.0	0.00	4.00	3.25	YES	
L0008322	0	0.42330E-07	478358.5	3745475.3	446.0	0.00	4.00	3.25	YES	
L0008323	0	0.42330E-07	478353.4	3745482.2	446.0	0.00	4.00	3.25	YES	
L0008324	0	0.42330E-07	478348.3	3745489.1	446.0	0.00	4.00	3.25	YES	
L0008325	0	0.42330E-07	478343.3	3745496.1	446.0	0.00	4.00	3.25	YES	
L0008326	0	0.42330E-07	478338.2	3745503.0	446.0	0.00	4.00	3.25	YES	
L0008327	0	0.42330E-07	478333.1	3745509.9	446.0	0.00	4.00	3.25	YES	
L0008328	0	0.42330E-07	478328.1	3745516.9	446.0	0.00	4.00	3.25	YES	
L0008329	0	0.42330E-07	478323.0	3745523.8	446.0	0.00	4.00	3.25	YES	
L0008330	0	0.42330E-07	478319.3	3745531.5	446.0	0.00	4.00			

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3.25     YES
 L0008331         0   0.42330E-07  478315.7 3745539.3   446.0     0.00     4.00
3.25     YES
 L0008332         0   0.42330E-07  478312.1 3745547.2   446.0     0.00     4.00
3.25     YES
 L0008333         0   0.42330E-07  478308.5 3745555.0   446.0     0.00     4.00
3.25     YES
 L0008334         0   0.42330E-07  478304.9 3745562.8   446.0     0.00     4.00
3.25     YES
 L0008335         0   0.42330E-07  478301.3 3745570.6   446.0     0.00     4.00
3.25     YES
 L0008336         0   0.42330E-07  478297.7 3745578.4   446.0     0.00     4.00
3.25     YES
 L0008337         0   0.42330E-07  478294.1 3745586.2   446.0     0.00     4.00
3.25     YES
 L0008338         0   0.42330E-07  478292.0 3745594.4   446.0     0.00     4.00
3.25     YES
 L0008339         0   0.42330E-07  478290.4 3745602.9   446.0     0.00     4.00
3.25     YES
 L0008340         0   0.42330E-07  478288.9 3745611.3   446.0     0.00     4.00
3.25     YES
 L0008341         0   0.42330E-07  478287.3 3745619.8   446.0     0.00     4.00
3.25     YES
 L0008342         0   0.42330E-07  478285.7 3745628.2   446.1     0.00     4.00
3.25     YES
 L0008343         0   0.42330E-07  478284.2 3745636.7   446.1     0.00     4.00
3.25     YES
 L0008344         0   0.42330E-07  478282.6 3745645.1   446.1     0.00     4.00
3.25     YES
 L0008345         0   0.42330E-07  478282.1 3745653.7   446.1     0.00     4.00
3.25     YES
 L0008346         0   0.42330E-07  478282.0 3745662.2   446.1     0.00     4.00
3.25     YES
 L0008347         0   0.42330E-07  478281.9 3745670.8   446.1     0.00     4.00
3.25     YES
 L0008348         0   0.42330E-07  478281.8 3745679.4   446.1     0.00     4.00
3.25     YES
 L0008349         0   0.42330E-07  478281.7 3745688.0   446.1     0.00     4.00
3.25     YES
 L0008350         0   0.42330E-07  478281.6 3745696.6   446.1     0.00     4.00
3.25     YES
 L0008351         0   0.42330E-07  478281.5 3745705.2   446.1     0.00     4.00
3.25     YES
 L0008352         0   0.42330E-07  478281.4 3745713.8   446.1     0.00     4.00
3.25     YES
 L0008353         0   0.42330E-07  478281.4 3745722.4   446.1     0.00     4.00
3.25     YES
 L0008354         0   0.42330E-07  478281.4 3745731.0   446.1     0.00     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE CATS.
L0008355	0	0.42330E-07	478281.4	3745739.6	446.1	0.00	4.00	3.25	YES	
L0008356	0	0.42330E-07	478281.4	3745748.1	446.1	0.00	4.00	3.25	YES	
L0008357	0	0.42330E-07	478281.4	3745756.7	446.1	0.00	4.00	3.25	YES	
L0008358	0	0.42330E-07	478281.4	3745765.3	446.1	0.00	4.00	3.25	YES	
L0008359	0	0.42330E-07	478281.4	3745773.9	446.1	0.00	4.00	3.25	YES	
L0008360	0	0.42330E-07	478281.4	3745782.5	446.1	0.00	4.00	3.25	YES	
L0008361	0	0.42330E-07	478281.4	3745791.1	446.1	0.00	4.00	3.25	YES	
L0008362	0	0.42330E-07	478281.4	3745799.7	446.1	0.00	4.00	3.25	YES	
L0008363	0	0.42330E-07	478281.4	3745808.3	446.1	0.00	4.00	3.25	YES	
L0008364	0	0.42330E-07	478281.4	3745816.9	446.1	0.00	4.00	3.25	YES	
L0008365	0	0.42330E-07	478281.4	3745825.5	446.1	0.00	4.00	3.25	YES	
L0008366	0	0.42330E-07	478281.4	3745834.0	446.1	0.00	4.00	3.25	YES	
L0008367	0	0.42330E-07	478281.4	3745842.6	446.1	0.00	4.00	3.25	YES	
L0008368	0	0.42330E-07	478281.4	3745851.2	446.1	0.00	4.00	3.25	YES	
L0008369	0	0.42330E-07	478281.4	3745859.8	446.1	0.00	4.00	3.25	YES	
L0008370	0	0.42330E-07	478281.4	3745868.4	446.1	0.00	4.00			

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3.25     YES
 L0008371         0   0.42330E-07  478281.4 3745877.0   446.1     0.00     4.00
3.25     YES
 L0008372         0   0.42330E-07  478281.5 3745885.6   446.1     0.00     4.00
3.25     YES
 L0008373         0   0.42330E-07  478281.5 3745894.2   446.1     0.00     4.00
3.25     YES
 L0008374         0   0.42330E-07  478281.5 3745902.8   446.1     0.00     4.00
3.25     YES
 L0008375         0   0.42330E-07  478281.5 3745911.4   446.1     0.00     4.00
3.25     YES
 L0008376         0   0.42330E-07  478281.5 3745919.9   446.2     0.00     4.00
3.25     YES
 L0008377         0   0.42330E-07  478281.6 3745928.5   446.2     0.00     4.00
3.25     YES
 L0008378         0   0.42330E-07  478281.6 3745937.1   446.2     0.00     4.00
3.25     YES
 L0008379         0   0.42330E-07  478281.6 3745945.7   446.2     0.00     4.00
3.25     YES
 L0008380         0   0.42330E-07  478281.6 3745954.3   446.2     0.00     4.00
3.25     YES
 L0008381         0   0.42330E-07  478281.6 3745962.9   446.2     0.00     4.00
3.25     YES
 L0008382         0   0.42330E-07  478281.7 3745971.5   446.3     0.00     4.00
3.25     YES
 L0008383         0   0.42330E-07  478281.7 3745980.1   446.3     0.00     4.00
3.25     YES
 L0008384         0   0.42330E-07  478281.7 3745988.7   446.3     0.00     4.00
3.25     YES
 L0008385         0   0.42330E-07  478281.7 3745997.3   446.3     0.00     4.00
3.25     YES
 L0008386         0   0.42330E-07  478281.7 3746005.8   446.4     0.00     4.00
3.25     YES
 L0008387         0   0.42330E-07  478281.8 3746014.4   446.4     0.00     4.00
3.25     YES
 L0008388         0   0.42330E-07  478281.8 3746023.0   446.4     0.00     4.00
3.25     YES
 L0008389         0   0.42330E-07  478281.8 3746031.6   446.4     0.00     4.00
3.25     YES
 L0008390         0   0.42330E-07  478281.8 3746040.2   446.4     0.00     4.00
3.25     YES
 L0008391         0   0.42330E-07  478281.8 3746048.8   446.4     0.00     4.00
3.25     YES
 L0008392         0   0.42330E-07  478281.9 3746057.4   446.5     0.00     4.00
3.25     YES
 L0008393         0   0.42330E-07  478281.9 3746066.0   446.5     0.00     4.00
3.25     YES
 L0008394         0   0.42330E-07  478281.9 3746074.6   446.5     0.00     4.00
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0008395	0	0.42330E-07	478281.9	3746083.2	446.5	0.00	4.00	3.25	YES
L0008396	0	0.42330E-07	478281.9	3746091.7	446.5	0.00	4.00	3.25	YES
L0008397	0	0.42330E-07	478282.0	3746100.3	446.6	0.00	4.00	3.25	YES
L0008398	0	0.42330E-07	478282.0	3746108.9	446.6	0.00	4.00	3.25	YES
L0008399	0	0.42330E-07	478282.0	3746117.5	446.6	0.00	4.00	3.25	YES
L0008400	0	0.42330E-07	478282.0	3746126.1	446.6	0.00	4.00	3.25	YES
L0008401	0	0.42330E-07	478282.1	3746134.7	446.6	0.00	4.00	3.25	YES
L0008402	0	0.42330E-07	478282.1	3746143.3	446.7	0.00	4.00	3.25	YES
L0008403	0	0.42330E-07	478282.1	3746151.9	446.7	0.00	4.00	3.25	YES
L0008404	0	0.42330E-07	478282.2	3746160.5	446.7	0.00	4.00	3.25	YES
L0008405	0	0.42330E-07	478282.3	3746169.0	446.7	0.00	4.00	3.25	YES
L0008406	0	0.42330E-07	478282.5	3746177.6	446.7	0.00	4.00	3.25	YES
L0008407	0	0.42330E-07	478282.6	3746186.2	446.7	0.00	4.00	3.25	YES
L0008408	0	0.42330E-07	478282.8	3746194.8	446.7	0.00	4.00	3.25	YES
L0008409	0	0.42330E-07	478282.9	3746203.4	446.6	0.00	4.00	3.25	YES
L0008410	0	0.42330E-07	478283.1	3746212.0	446.6	0.00	4.00		

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3.25     YES
 L0008411         0   0.42330E-07  478283.2 3746220.6   446.6     0.00     4.00
3.25     YES
 L0008412         0   0.42330E-07  478283.4 3746229.2   446.6     0.00     4.00
3.25     YES
 L0008413         0   0.42330E-07  478283.5 3746237.8   446.6     0.00     4.00
3.25     YES
 L0008414         0   0.42330E-07  478283.7 3746246.3   446.6     0.00     4.00
3.25     YES
 L0008415         0   0.42330E-07  478283.8 3746254.9   446.6     0.00     4.00
3.25     YES
 L0008416         0   0.42330E-07  478284.0 3746263.5   446.6     0.00     4.00
3.25     YES
 L0008417         0   0.42330E-07  478284.1 3746272.1   446.6     0.00     4.00
3.25     YES
 L0008418         0   0.42330E-07  478284.3 3746280.7   446.6     0.00     4.00
3.25     YES
 L0008419         0   0.42330E-07  478284.4 3746289.3   446.6     0.00     4.00
3.25     YES
 L0008420         0   0.42330E-07  478284.6 3746297.9   446.6     0.00     4.00
3.25     YES
 L0008421         0   0.42330E-07  478284.7 3746306.5   446.6     0.00     4.00
3.25     YES
 L0008422         0   0.42330E-07  478284.9 3746315.1   446.6     0.00     4.00
3.25     YES
 L0008423         0   0.42330E-07  478285.0 3746323.6   446.6     0.00     4.00
3.25     YES
 L0008424         0   0.42330E-07  478285.2 3746332.2   446.5     0.00     4.00
3.25     YES
 L0008425         0   0.42330E-07  478285.3 3746340.8   446.5     0.00     4.00
3.25     YES
 L0008426         0   0.42330E-07  478285.5 3746349.4   446.5     0.00     4.00
3.25     YES
 L0008427         0   0.10560E-07  478667.2 3744756.3   444.9     3.49     4.00
3.25     YES
 L0008428         0   0.10560E-07  478665.4 3744747.9   444.9     3.49     4.00
3.25     YES
 L0008429         0   0.10560E-07  478663.6 3744739.5   444.9     3.49     4.00
3.25     YES
 L0008430         0   0.10560E-07  478661.3 3744731.2   445.0     3.49     4.00
3.25     YES
 L0008431         0   0.10560E-07  478657.9 3744723.4   445.0     3.49     4.00
3.25     YES
 L0008432         0   0.10560E-07  478654.4 3744715.5   445.0     3.49     4.00
3.25     YES
 L0008433         0   0.10560E-07  478651.0 3744707.6   445.0     3.49     4.00
3.25     YES
 L0008434         0   0.10560E-07  478647.5 3744699.8   445.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008435	0	0.10560E-07	478644.1	3744691.9	445.0	3.49	4.00	3.25	YES	
L0008436	0	0.10560E-07	478640.7	3744684.0	445.0	3.49	4.00	3.25	YES	
L0008437	0	0.10560E-07	478637.1	3744676.2	445.0	3.49	4.00	3.25	YES	
L0008438	0	0.10560E-07	478631.9	3744669.3	445.0	3.49	4.00	3.25	YES	
L0008439	0	0.10560E-07	478626.8	3744662.5	445.0	3.49	4.00	3.25	YES	
L0008440	0	0.10560E-07	478621.7	3744655.6	445.0	3.49	4.00	3.25	YES	
L0008441	0	0.10560E-07	478616.5	3744648.7	445.0	3.49	4.00	3.25	YES	
L0008442	0	0.10560E-07	478611.4	3744641.8	445.0	3.49	4.00	3.25	YES	
L0008443	0	0.10560E-07	478606.3	3744634.9	445.0	3.49	4.00	3.25	YES	
L0008444	0	0.10560E-07	478601.1	3744628.0	445.0	3.49	4.00	3.25	YES	
L0008445	0	0.10560E-07	478596.0	3744621.1	445.0	3.49	4.00	3.25	YES	
L0008446	0	0.10560E-07	478590.6	3744614.5	445.0	3.49	4.00	3.25	YES	
L0008447	0	0.10560E-07	478584.6	3744608.3	445.0	3.49	4.00	3.25	YES	
L0008448	0	0.10560E-07	478578.7	3744602.1	445.0	3.49	4.00	3.25	YES	
L0008449	0	0.10560E-07	478572.7	3744595.9	445.0	3.49	4.00	3.25	YES	
L0008450	0	0.10560E-07	478566.7	3744589.8	445.0	3.49	4.00			

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3.25     YES
 L0008451         0   0.10560E-07  478560.8 3744583.6   445.0     3.49     4.00
3.25     YES
 L0008452         0   0.10560E-07  478553.9 3744578.4   445.1     3.49     4.00
3.25     YES
 L0008453         0   0.10560E-07  478547.0 3744573.3   445.2     3.49     4.00
3.25     YES
 L0008454         0   0.10560E-07  478540.1 3744568.1   445.3     3.49     4.00
3.25     YES
 L0008455         0   0.10560E-07  478533.3 3744563.0   445.4     3.49     4.00
3.25     YES
 L0008456         0   0.10560E-07  478526.4 3744557.8   445.5     3.49     4.00
3.25     YES
 L0008457         0   0.10560E-07  478519.5 3744552.7   445.6     3.49     4.00
3.25     YES
 L0008458         0   0.10560E-07  478512.7 3744547.5   445.7     3.49     4.00
3.25     YES
 L0008459         0   0.10560E-07  478505.8 3744542.4   445.8     3.49     4.00
3.25     YES
 L0008460         0   0.10560E-07  478498.9 3744537.2   445.9     3.49     4.00
3.25     YES
 L0008461         0   0.10560E-07  478491.7 3744532.5   446.0     3.49     4.00
3.25     YES
 L0008462         0   0.10560E-07  478484.1 3744528.5   446.0     3.49     4.00
3.25     YES
 L0008463         0   0.10560E-07  478476.5 3744524.5   446.0     3.49     4.00
3.25     YES
 L0008464         0   0.10560E-07  478468.9 3744520.5   446.0     3.49     4.00
3.25     YES
 L0008465         0   0.10560E-07  478461.3 3744516.5   446.0     3.49     4.00
3.25     YES
 L0008466         0   0.10560E-07  478453.7 3744512.5   446.0     3.49     4.00
3.25     YES
 L0008467         0   0.10560E-07  478446.4 3744508.1   446.0     3.49     4.00
3.25     YES
 L0008468         0   0.10560E-07  478439.3 3744503.2   446.0     3.49     4.00
3.25     YES
 L0008469         0   0.10560E-07  478432.3 3744498.3   446.0     3.49     4.00
3.25     YES
 L0008470         0   0.10560E-07  478425.2 3744493.4   446.0     3.49     4.00
3.25     YES
 L0008471         0   0.10560E-07  478418.1 3744488.6   446.0     3.49     4.00
3.25     YES
 L0008472         0   0.10560E-07  478411.4 3744483.2   446.0     3.49     4.00
3.25     YES
 L0008473         0   0.10560E-07  478405.0 3744477.5   446.0     3.49     4.00
3.25     YES
 L0008474         0   0.10560E-07  478398.5 3744471.9   446.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0008475	0	0.10560E-07	478392.0	3744466.3	446.0	3.49	4.00	3.25	YES	
L0008476	0	0.10560E-07	478385.5	3744460.7	446.0	3.49	4.00	3.25	YES	
L0008477	0	0.10560E-07	478379.1	3744454.9	446.0	3.49	4.00	3.25	YES	
L0008478	0	0.10560E-07	478373.2	3744448.7	446.2	3.49	4.00	3.25	YES	
L0008479	0	0.10560E-07	478367.3	3744442.4	446.3	3.49	4.00	3.25	YES	
L0008480	0	0.10560E-07	478361.4	3744436.2	446.4	3.49	4.00	3.25	YES	
L0008481	0	0.10560E-07	478355.5	3744430.0	446.5	3.49	4.00	3.25	YES	
L0008482	0	0.10560E-07	478349.5	3744423.8	446.7	3.49	4.00	3.25	YES	
L0008483	0	0.10560E-07	478343.6	3744417.5	446.8	3.49	4.00	3.25	YES	
L0008484	0	0.10560E-07	478337.7	3744411.3	446.9	3.49	4.00	3.25	YES	
L0008485	0	0.10560E-07	478333.2	3744404.1	446.9	3.49	4.00	3.25	YES	
L0008486	0	0.10560E-07	478329.5	3744396.4	447.0	3.49	4.00	3.25	YES	
L0008487	0	0.10560E-07	478325.7	3744388.6	447.0	3.49	4.00	3.25	YES	
L0008488	0	0.10560E-07	478322.0	3744380.9	447.0	3.49	4.00	3.25	YES	
L0008489	0	0.10560E-07	478318.2	3744373.2	447.0	3.49	4.00	3.25	YES	
L0008490	0	0.10560E-07	478314.8	3744365.3	447.0	3.49	4.00			

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3.25     YES
 L0008491         0   0.10560E-07  478312.0 3744357.2   447.0     3.49     4.00
3.25     YES
 L0008492         0   0.10560E-07  478309.3 3744349.0   447.0     3.49     4.00
3.25     YES
 L0008493         0   0.10560E-07  478306.6 3744340.9   447.0     3.49     4.00
3.25     YES
 L0008494         0   0.10560E-07  478303.8 3744332.8   447.0     3.49     4.00
3.25     YES
 L0008495         0   0.10560E-07  478301.1 3744324.6   447.0     3.49     4.00
3.25     YES
 L0008496         0   0.10560E-07  478298.3 3744316.5   447.0     3.49     4.00
3.25     YES
 L0008497         0   0.10560E-07  478295.6 3744308.3   447.0     3.49     4.00
3.25     YES
 L0008498         0   0.10560E-07  478292.8 3744300.2   447.0     3.49     4.00
3.25     YES
 L0008499         0   0.10560E-07  478290.1 3744292.1   447.0     3.49     4.00
3.25     YES
 L0008500         0   0.10560E-07  478287.3 3744283.9   447.0     3.49     4.00
3.25     YES
 L0008501         0   0.10560E-07  478285.0 3744275.7   447.0     3.49     4.00
3.25     YES
 L0008502         0   0.10560E-07  478284.6 3744267.1   447.0     3.49     4.00
3.25     YES
 L0008503         0   0.10560E-07  478284.3 3744258.5   447.0     3.49     4.00
3.25     YES
 L0008504         0   0.10560E-07  478284.0 3744250.0   447.0     3.49     4.00
3.25     YES
 L0008505         0   0.10560E-07  478283.6 3744241.4   447.0     3.49     4.00
3.25     YES
 L0008506         0   0.10560E-07  478283.3 3744232.8   447.0     3.49     4.00
3.25     YES
 L0008507         0   0.10560E-07  478282.9 3744224.2   447.0     3.49     4.00
3.25     YES
 L0008508         0   0.10560E-07  478282.6 3744215.6   447.0     3.49     4.00
3.25     YES
 L0008509         0   0.10560E-07  478282.3 3744207.0   447.0     3.49     4.00
3.25     YES
 L0008510         0   0.10560E-07  478281.9 3744198.5   447.0     3.49     4.00
3.25     YES
 L0008511         0   0.10560E-07  478281.6 3744189.9   447.0     3.49     4.00
3.25     YES
 L0008512         0   0.10560E-07  478281.2 3744181.3   447.0     3.49     4.00
3.25     YES
 L0008513         0   0.10560E-07  478280.9 3744172.7   447.0     3.49     4.00
3.25     YES
 L0008514         0   0.10560E-07  478280.6 3744164.1   447.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0008515	0	0.10560E-07	478280.3	3744155.5	447.0	3.49	4.00	3.25	YES	
L0008516	0	0.10560E-07	478280.2	3744147.0	447.0	3.49	4.00	3.25	YES	
L0008517	0	0.10560E-07	478280.1	3744138.4	447.1	3.49	4.00	3.25	YES	
L0008518	0	0.10560E-07	478280.0	3744129.8	447.1	3.49	4.00	3.25	YES	
L0008519	0	0.10560E-07	478279.8	3744121.2	447.1	3.49	4.00	3.25	YES	
L0008520	0	0.10560E-07	478279.7	3744112.6	447.1	3.49	4.00	3.25	YES	
L0008521	0	0.10560E-07	478279.6	3744104.0	447.2	3.49	4.00	3.25	YES	
L0008522	0	0.10560E-07	478279.5	3744095.4	447.2	3.49	4.00	3.25	YES	
L0008523	0	0.10560E-07	478279.4	3744086.8	447.2	3.49	4.00	3.25	YES	
L0008524	0	0.10560E-07	478279.3	3744078.2	447.2	3.49	4.00	3.25	YES	
L0008525	0	0.10560E-07	478279.2	3744069.6	447.2	3.49	4.00	3.25	YES	
L0008526	0	0.10560E-07	478279.1	3744061.1	447.3	3.49	4.00	3.25	YES	
L0008527	0	0.10560E-07	478278.9	3744052.5	447.3	3.49	4.00	3.25	YES	
L0008528	0	0.10560E-07	478278.8	3744043.9	447.3	3.49	4.00	3.25	YES	
L0008529	0	0.10560E-07	478278.7	3744035.3	447.3	3.49	4.00	3.25	YES	
L0008530	0	0.10560E-07	478278.6	3744026.7	447.4	3.49	4.00			

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3.25     YES
 L0008531         0   0.10560E-07  478278.5 3744018.1   447.4     3.49     4.00
3.25     YES
 L0008532         0   0.10560E-07  478278.4 3744009.5   447.4     3.49     4.00
3.25     YES
 L0008533         0   0.10560E-07  478278.3 3744000.9   447.4     3.49     4.00
3.25     YES
 L0008534         0   0.10560E-07  478278.2 3743992.3   447.4     3.49     4.00
3.25     YES
 L0008535         0   0.10560E-07  478278.0 3743983.8   447.5     3.49     4.00
3.25     YES
 L0008536         0   0.10560E-07  478277.9 3743975.2   447.5     3.49     4.00
3.25     YES
 L0008537         0   0.10560E-07  478277.8 3743966.6   447.5     3.49     4.00
3.25     YES
 L0008538         0   0.10560E-07  478277.7 3743958.0   447.6     3.49     4.00
3.25     YES
 L0008539         0   0.10560E-07  478277.6 3743949.4   447.6     3.49     4.00
3.25     YES
 L0008540         0   0.10560E-07  478277.5 3743940.8   447.6     3.49     4.00
3.25     YES
 L0008541         0   0.10560E-07  478277.4 3743932.2   447.6     3.49     4.00
3.25     YES
 L0008542         0   0.10560E-07  478277.3 3743923.6   447.6     3.49     4.00
3.25     YES
 L0008543         0   0.10560E-07  478277.1 3743915.0   447.7     3.49     4.00
3.25     YES
 L0008544         0   0.10560E-07  478277.0 3743906.5   447.7     3.49     4.00
3.25     YES
 L0008545         0   0.10560E-07  478276.9 3743897.9   447.7     3.49     4.00
3.25     YES
 L0008546         0   0.10560E-07  478276.8 3743889.3   447.7     3.49     4.00
3.25     YES
 L0008547         0   0.10560E-07  478276.7 3743880.7   447.8     3.49     4.00
3.25     YES
 L0008548         0   0.10560E-07  478276.6 3743872.1   447.8     3.49     4.00
3.25     YES
 L0008549         0   0.10560E-07  478276.5 3743863.5   447.8     3.49     4.00
3.25     YES
 L0008550         0   0.10560E-07  478276.4 3743854.9   447.8     3.49     4.00
3.25     YES
 L0008551         0   0.10560E-07  478276.2 3743846.3   447.9     3.49     4.00
3.25     YES
 L0008552         0   0.10560E-07  478276.1 3743837.7   447.9     3.49     4.00
3.25     YES
 L0008553         0   0.10560E-07  478276.0 3743829.1   447.9     3.49     4.00
3.25     YES
 L0008554         0   0.10560E-07  478275.9 3743820.6   447.9     3.49     4.00
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008555	0	0.10560E-07	478275.8	3743812.0	447.9	3.49	4.00	3.25	YES	
L0008556	0	0.10560E-07	478275.7	3743803.4	448.0	3.49	4.00	3.25	YES	
L0008557	0	0.10560E-07	478275.6	3743794.8	448.0	3.49	4.00	3.25	YES	
L0008558	0	0.26420E-07	479076.2	3746349.5	445.0	3.49	4.00	3.25	YES	
L0008559	0	0.26420E-07	479076.3	3746340.9	445.0	3.49	4.00	3.25	YES	
L0008560	0	0.26420E-07	479076.3	3746332.3	444.9	3.49	4.00	3.25	YES	
L0008561	0	0.26420E-07	479076.4	3746323.8	444.9	3.49	4.00	3.25	YES	
L0008562	0	0.26420E-07	479076.4	3746315.2	444.9	3.49	4.00	3.25	YES	
L0008563	0	0.26420E-07	479076.5	3746306.6	444.9	3.49	4.00	3.25	YES	
L0008564	0	0.26420E-07	479076.5	3746298.0	444.9	3.49	4.00	3.25	YES	
L0008565	0	0.26420E-07	479076.6	3746289.4	444.8	3.49	4.00	3.25	YES	
L0008566	0	0.26420E-07	479076.6	3746280.8	444.8	3.49	4.00	3.25	YES	
L0008567	0	0.26420E-07	479076.6	3746272.2	444.8	3.49	4.00	3.25	YES	
L0008568	0	0.26420E-07	479076.7	3746263.6	444.8	3.49	4.00	3.25	YES	
L0008569	0	0.26420E-07	479076.7	3746255.0	444.8	3.49	4.00	3.25	YES	
L0008570	0	0.26420E-07	479076.8	3746246.5	444.7	3.49	4.00			

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3.25     YES
 L0008571         0   0.26420E-07  479076.8 3746237.9   444.7     3.49     4.00
3.25     YES
 L0008572         0   0.26420E-07  479076.9 3746229.3   444.7     3.49     4.00
3.25     YES
 L0008573         0   0.26420E-07  479076.9 3746220.7   444.7     3.49     4.00
3.25     YES
 L0008574         0   0.26420E-07  479077.0 3746212.1   444.6     3.49     4.00
3.25     YES
 L0008575         0   0.26420E-07  479077.0 3746203.5   444.6     3.49     4.00
3.25     YES
 L0008576         0   0.26420E-07  479077.1 3746194.9   444.6     3.49     4.00
3.25     YES
 L0008577         0   0.26420E-07  479077.1 3746186.3   444.6     3.49     4.00
3.25     YES
 L0008578         0   0.26420E-07  479077.1 3746177.7   444.6     3.49     4.00
3.25     YES
 L0008579         0   0.26420E-07  479077.2 3746169.1   444.5     3.49     4.00
3.25     YES
 L0008580         0   0.26420E-07  479077.2 3746160.6   444.5     3.49     4.00
3.25     YES
 L0008581         0   0.26420E-07  479077.3 3746152.0   444.5     3.49     4.00
3.25     YES
 L0008582         0   0.26420E-07  479077.3 3746143.4   444.5     3.49     4.00
3.25     YES
 L0008583         0   0.26420E-07  479077.4 3746134.8   444.4     3.49     4.00
3.25     YES
 L0008584         0   0.26420E-07  479077.4 3746126.2   444.4     3.49     4.00
3.25     YES
 L0008585         0   0.26420E-07  479077.5 3746117.6   444.4     3.49     4.00
3.25     YES
 L0008586         0   0.26420E-07  479077.5 3746109.0   444.4     3.49     4.00
3.25     YES
 L0008587         0   0.26420E-07  479077.6 3746100.4   444.4     3.49     4.00
3.25     YES
 L0008588         0   0.26420E-07  479077.6 3746091.8   444.3     3.49     4.00
3.25     YES
 L0008589         0   0.26420E-07  479077.6 3746083.2   444.3     3.49     4.00
3.25     YES
 L0008590         0   0.26420E-07  479077.7 3746074.7   444.3     3.49     4.00
3.25     YES
 L0008591         0   0.26420E-07  479077.7 3746066.1   444.3     3.49     4.00
3.25     YES
 L0008592         0   0.26420E-07  479077.8 3746057.5   444.2     3.49     4.00
3.25     YES
 L0008593         0   0.26420E-07  479077.8 3746048.9   444.2     3.49     4.00
3.25     YES
 L0008594         0   0.26420E-07  479077.9 3746040.3   444.2     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0008595	0	0.26420E-07	479077.9	3746031.7	444.2	3.49	4.00	3.25	YES
L0008596	0	0.26420E-07	479078.0	3746023.1	444.2	3.49	4.00	3.25	YES
L0008597	0	0.26420E-07	479078.0	3746014.5	444.1	3.49	4.00	3.25	YES
L0008598	0	0.26420E-07	479078.1	3746005.9	444.1	3.49	4.00	3.25	YES
L0008599	0	0.26420E-07	479078.1	3745997.3	444.1	3.49	4.00	3.25	YES
L0008600	0	0.26420E-07	479078.1	3745988.8	444.1	3.49	4.00	3.25	YES
L0008601	0	0.26420E-07	479078.2	3745980.2	444.0	3.49	4.00	3.25	YES
L0008602	0	0.26420E-07	479078.2	3745971.6	444.0	3.49	4.00	3.25	YES
L0008603	0	0.26420E-07	479078.3	3745963.0	444.0	3.49	4.00	3.25	YES
L0008604	0	0.26420E-07	479078.4	3745954.4	444.0	3.49	4.00	3.25	YES
L0008605	0	0.26420E-07	479078.5	3745945.8	444.0	3.49	4.00	3.25	YES
L0008606	0	0.26420E-07	479078.6	3745937.2	444.0	3.49	4.00	3.25	YES
L0008607	0	0.26420E-07	479078.7	3745928.6	444.0	3.49	4.00	3.25	YES
L0008608	0	0.26420E-07	479078.8	3745920.0	444.0	3.49	4.00	3.25	YES
L0008609	0	0.26420E-07	479078.9	3745911.4	444.0	3.49	4.00	3.25	YES
L0008610	0	0.26420E-07	479079.0	3745902.9	444.0	3.49	4.00		

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3.25     YES
 L0008611         0   0.26420E-07  479079.1 3745894.3   444.0     3.49     4.00
3.25     YES
 L0008612         0   0.26420E-07  479079.2 3745885.7   444.0     3.49     4.00
3.25     YES
 L0008613         0   0.26420E-07  479079.3 3745877.1   444.0     3.49     4.00
3.25     YES
 L0008614         0   0.26420E-07  479079.4 3745868.5   444.0     3.49     4.00
3.25     YES
 L0008615         0   0.26420E-07  479079.5 3745859.9   444.0     3.49     4.00
3.25     YES
 L0008616         0   0.26420E-07  479079.6 3745851.3   444.0     3.49     4.00
3.25     YES
 L0008617         0   0.26420E-07  479079.7 3745842.7   444.0     3.49     4.00
3.25     YES
 L0008618         0   0.26420E-07  479079.8 3745834.1   444.0     3.49     4.00
3.25     YES
 L0008619         0   0.26420E-07  479079.9 3745825.6   444.0     3.49     4.00
3.25     YES
 L0008620         0   0.26420E-07  479079.9 3745817.0   444.0     3.49     4.00
3.25     YES
 L0008621         0   0.26420E-07  479080.0 3745808.4   444.0     3.49     4.00
3.25     YES
 L0008622         0   0.26420E-07  479080.1 3745799.8   444.0     3.49     4.00
3.25     YES
 L0008623         0   0.26420E-07  479080.2 3745791.2   444.0     3.49     4.00
3.25     YES
 L0008624         0   0.26420E-07  479080.3 3745782.6   444.0     3.49     4.00
3.25     YES
 L0008625         0   0.26420E-07  479080.2 3745774.0   444.0     3.49     4.00
3.25     YES
 L0008626         0   0.26420E-07  479080.1 3745765.4   444.0     3.49     4.00
3.25     YES
 L0008627         0   0.26420E-07  479079.9 3745756.8   444.0     3.49     4.00
3.25     YES
 L0008628         0   0.26420E-07  479079.8 3745748.3   444.0     3.49     4.00
3.25     YES
 L0008629         0   0.26420E-07  479079.6 3745739.7   444.0     3.49     4.00
3.25     YES
 L0008630         0   0.26420E-07  479079.5 3745731.1   444.0     3.49     4.00
3.25     YES
 L0008631         0   0.26420E-07  479079.3 3745722.5   444.0     3.49     4.00
3.25     YES
 L0008632         0   0.26420E-07  479079.2 3745713.9   444.0     3.49     4.00
3.25     YES
 L0008633         0   0.26420E-07  479079.0 3745705.3   444.0     3.49     4.00
3.25     YES
 L0008634         0   0.26420E-07  479078.9 3745696.7   444.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008635	0	0.26420E-07	479078.8	3745688.1	444.0	3.49	4.00	3.25	YES	
L0008636	0	0.26420E-07	479078.6	3745679.5	444.0	3.49	4.00	3.25	YES	
L0008637	0	0.26420E-07	479078.5	3745671.0	444.0	3.49	4.00	3.25	YES	
L0008638	0	0.26420E-07	479078.3	3745662.4	444.0	3.49	4.00	3.25	YES	
L0008639	0	0.26420E-07	479078.3	3745653.8	444.0	3.49	4.00	3.25	YES	
L0008640	0	0.26420E-07	479078.2	3745645.2	444.0	3.49	4.00	3.25	YES	
L0008641	0	0.26420E-07	479078.2	3745636.6	444.0	3.49	4.00	3.25	YES	
L0008642	0	0.26420E-07	479078.2	3745628.0	444.0	3.49	4.00	3.25	YES	
L0008643	0	0.26420E-07	479078.1	3745619.4	444.0	3.49	4.00	3.25	YES	
L0008644	0	0.26420E-07	479078.1	3745610.8	444.0	3.49	4.00	3.25	YES	
L0008645	0	0.26420E-07	479078.1	3745602.2	444.0	3.49	4.00	3.25	YES	
L0008646	0	0.26420E-07	479078.1	3745593.6	444.0	3.49	4.00	3.25	YES	
L0008647	0	0.26420E-07	479078.0	3745585.1	444.0	3.49	4.00	3.25	YES	
L0008648	0	0.26420E-07	479078.0	3745576.5	444.0	3.49	4.00	3.25	YES	
L0008649	0	0.26420E-07	479078.0	3745567.9	444.0	3.49	4.00	3.25	YES	
L0008650	0	0.26420E-07	479077.9	3745559.3	444.0	3.49	4.00			

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3.25     YES
 L0008651         0   0.26420E-07  479077.9 3745550.7   444.0     3.49     4.00
3.25     YES
 L0008652         0   0.26420E-07  479077.9 3745542.1   444.0     3.49     4.00
3.25     YES
 L0008653         0   0.26420E-07  479077.9 3745533.5   444.0     3.49     4.00
3.25     YES
 L0008654         0   0.26420E-07  479077.8 3745524.9   444.0     3.49     4.00
3.25     YES
 L0008655         0   0.26420E-07  479077.8 3745516.3   444.0     3.49     4.00
3.25     YES
 L0008656         0   0.26420E-07  479077.8 3745507.7   444.0     3.49     4.00
3.25     YES
 L0008657         0   0.26420E-07  479077.7 3745499.2   444.0     3.49     4.00
3.25     YES
 L0008658         0   0.26420E-07  479077.7 3745490.6   444.0     3.49     4.00
3.25     YES
 L0008659         0   0.26420E-07  479077.7 3745482.0   444.0     3.49     4.00
3.25     YES
 L0008660         0   0.26420E-07  479077.6 3745473.4   444.0     3.49     4.00
3.25     YES
 L0008661         0   0.26420E-07  479077.6 3745464.8   444.0     3.49     4.00
3.25     YES
 L0008662         0   0.26420E-07  479077.6 3745456.2   444.0     3.49     4.00
3.25     YES
 L0008663         0   0.26420E-07  479077.6 3745447.6   444.0     3.49     4.00
3.25     YES
 L0008664         0   0.26420E-07  479077.5 3745439.0   444.0     3.49     4.00
3.25     YES
 L0008665         0   0.26420E-07  479077.5 3745430.4   444.0     3.49     4.00
3.25     YES
 L0008666         0   0.26420E-07  479077.5 3745421.8   444.0     3.49     4.00
3.25     YES
 L0008667         0   0.26420E-07  479077.4 3745413.3   444.0     3.49     4.00
3.25     YES
 L0008668         0   0.26420E-07  479077.4 3745404.7   444.0     3.49     4.00
3.25     YES
 L0008669         0   0.26420E-07  479077.4 3745396.1   444.0     3.49     4.00
3.25     YES
 L0008670         0   0.26420E-07  479077.4 3745387.5   444.0     3.49     4.00
3.25     YES
 L0008671         0   0.26420E-07  479077.3 3745378.9   444.0     3.49     4.00
3.25     YES
 L0008672         0   0.26420E-07  479077.3 3745370.3   444.0     3.49     4.00
3.25     YES
 L0008673         0   0.26420E-07  479077.3 3745361.7   444.0     3.49     4.00
3.25     YES
 L0008674         0   0.26420E-07  479077.3 3745353.1   444.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008675	0	0.26420E-07	479077.3	3745344.5	444.0	3.49	4.00	3.25	YES	
L0008676	0	0.26420E-07	479077.3	3745335.9	443.9	3.49	4.00	3.25	YES	
L0008677	0	0.26420E-07	479077.4	3745327.4	443.9	3.49	4.00	3.25	YES	
L0008678	0	0.26420E-07	479077.4	3745318.8	443.9	3.49	4.00	3.25	YES	
L0008679	0	0.26420E-07	479077.4	3745310.2	443.9	3.49	4.00	3.25	YES	
L0008680	0	0.26420E-07	479077.5	3745301.6	443.8	3.49	4.00	3.25	YES	
L0008681	0	0.26420E-07	479077.5	3745293.0	443.8	3.49	4.00	3.25	YES	
L0008682	0	0.26420E-07	479077.5	3745284.4	443.8	3.49	4.00	3.25	YES	
L0008683	0	0.26420E-07	479077.5	3745275.8	443.7	3.49	4.00	3.25	YES	
L0008684	0	0.26420E-07	479077.6	3745267.2	443.7	3.49	4.00	3.25	YES	
L0008685	0	0.26420E-07	479077.6	3745258.6	443.7	3.49	4.00	3.25	YES	
L0008686	0	0.26420E-07	479077.6	3745250.0	443.7	3.49	4.00	3.25	YES	
L0008687	0	0.26420E-07	479077.7	3745241.5	443.6	3.49	4.00	3.25	YES	
L0008688	0	0.26420E-07	479077.7	3745232.9	443.6	3.49	4.00	3.25	YES	
L0008689	0	0.26420E-07	479077.7	3745224.3	443.6	3.49	4.00	3.25	YES	
L0008690	0	0.26420E-07	479077.8	3745215.7	443.6	3.49	4.00			

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3.25     YES
 L0008691         0   0.26420E-07  479077.8 3745207.1   443.5     3.49     4.00
3.25     YES
 L0008692         0   0.26420E-07  479077.8 3745198.5   443.5     3.49     4.00
3.25     YES
 L0008693         0   0.26420E-07  479077.9 3745189.9   443.5     3.49     4.00
3.25     YES
 L0008694         0   0.26420E-07  479077.9 3745181.3   443.4     3.49     4.00
3.25     YES
 L0008695         0   0.26420E-07  479077.9 3745172.7   443.4     3.49     4.00
3.25     YES
 L0008696         0   0.26420E-07  479078.0 3745164.1   443.4     3.49     4.00
3.25     YES
 L0008697         0   0.26420E-07  479078.0 3745155.6   443.4     3.49     4.00
3.25     YES
 L0008698         0   0.26420E-07  479078.0 3745147.0   443.3     3.49     4.00
3.25     YES
 L0008699         0   0.26420E-07  479078.1 3745138.4   443.3     3.49     4.00
3.25     YES
 L0008700         0   0.26420E-07  479078.1 3745129.8   443.3     3.49     4.00
3.25     YES
 L0008701         0   0.26420E-07  479078.1 3745121.2   443.2     3.49     4.00
3.25     YES
 L0008702         0   0.26420E-07  479078.2 3745112.6   443.2     3.49     4.00
3.25     YES
 L0008703         0   0.26420E-07  479078.2 3745104.0   443.2     3.49     4.00
3.25     YES
 L0008704         0   0.26420E-07  479078.2 3745095.4   443.2     3.49     4.00
3.25     YES
 L0008705         0   0.26420E-07  479078.2 3745086.8   443.1     3.49     4.00
3.25     YES
 L0008706         0   0.26420E-07  479078.3 3745078.2   443.1     3.49     4.00
3.25     YES
 L0008707         0   0.26420E-07  479078.0 3745069.7   443.1     3.49     4.00
3.25     YES
 L0008708         0   0.26420E-07  479077.7 3745061.1   443.1     3.49     4.00
3.25     YES
 L0008709         0   0.26420E-07  479077.4 3745052.5   443.1     3.49     4.00
3.25     YES
 L0008710         0   0.26420E-07  479077.2 3745043.9   443.1     3.49     4.00
3.25     YES
 L0008711         0   0.26420E-07  479076.9 3745035.3   443.1     3.49     4.00
3.25     YES
 L0008712         0   0.26420E-07  479076.6 3745026.7   443.1     3.49     4.00
3.25     YES
 L0008713         0   0.26420E-07  479076.3 3745018.2   443.1     3.49     4.00
3.25     YES
 L0008714         0   0.26420E-07  479076.0 3745009.6   443.1     3.49     4.00
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE 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 VARY BY
L0008715	0	0.26420E-07	479075.7	3745001.0	443.1	3.49	4.00	3.25	YES	
L0008716	0	0.26420E-07	479075.5	3744992.4	443.1	3.49	4.00	3.25	YES	
L0008717	0	0.26420E-07	479075.2	3744983.8	443.1	3.49	4.00	3.25	YES	
L0008718	0	0.26420E-07	479074.9	3744975.2	443.1	3.49	4.00	3.25	YES	
L0008719	0	0.26420E-07	479074.6	3744966.6	443.1	3.49	4.00	3.25	YES	
L0008720	0	0.26420E-07	479074.3	3744958.1	443.1	3.49	4.00	3.25	YES	
L0008721	0	0.26420E-07	479074.1	3744949.5	443.1	3.49	4.00	3.25	YES	
L0008722	0	0.26420E-07	479074.1	3744940.9	443.1	3.49	4.00	3.25	YES	
L0008723	0	0.26420E-07	479074.0	3744932.3	443.1	3.49	4.00	3.25	YES	
L0008724	0	0.26420E-07	479074.0	3744923.7	443.1	3.49	4.00	3.25	YES	
L0008725	0	0.26420E-07	479073.9	3744915.1	443.1	3.49	4.00	3.25	YES	
L0008726	0	0.26420E-07	479073.9	3744906.5	443.1	3.49	4.00	3.25	YES	
L0008727	0	0.26420E-07	479073.8	3744897.9	443.1	3.49	4.00	3.25	YES	
L0008728	0	0.26420E-07	479073.8	3744889.3	443.1	3.49	4.00	3.25	YES	
L0008729	0	0.26420E-07	479073.7	3744880.7	443.1	3.49	4.00	3.25	YES	
L0008730	0	0.26420E-07	479073.7	3744872.2	443.1	3.49	4.00			

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3.25     YES
 L0008731         0   0.26420E-07  479073.6 3744863.6   443.1     3.49     4.00
3.25     YES
 L0008732         0   0.26420E-07  479073.6 3744855.0   443.1     3.49     4.00
3.25     YES
 L0008733         0   0.26420E-07  479073.5 3744846.4   443.1     3.49     4.00
3.25     YES
 L0008734         0   0.26420E-07  479073.5 3744837.8   443.1     3.49     4.00
3.25     YES
 L0008735         0   0.26420E-07  479073.4 3744829.2   443.1     3.49     4.00
3.25     YES
 L0008736         0   0.26420E-07  479073.4 3744820.6   443.1     3.49     4.00
3.25     YES
 L0008737         0   0.26420E-07  479073.3 3744812.0   443.1     3.49     4.00
3.25     YES
 L0008738         0   0.26420E-07  479073.3 3744803.4   443.1     3.49     4.00
3.25     YES
 L0008739         0   0.26420E-07  479073.2 3744794.8   443.1     3.49     4.00
3.25     YES
 L0008740         0   0.26420E-07  479073.2 3744786.3   443.2     3.49     4.00
3.25     YES
 L0008741         0   0.26420E-07  479073.1 3744777.7   443.2     3.49     4.00
3.25     YES
 L0008742         0   0.26420E-07  479073.1 3744769.1   443.1     3.49     4.00
3.25     YES
 L0008743         0   0.26480E-07  479073.7 3744757.8   443.1     3.49     4.00
3.25     YES
 L0008744         0   0.26480E-07  479073.8 3744749.2   443.1     3.49     4.00
3.25     YES
 L0008745         0   0.26480E-07  479073.8 3744740.6   443.1     3.49     4.00
3.25     YES
 L0008746         0   0.26480E-07  479073.9 3744732.1   443.1     3.49     4.00
3.25     YES
 L0008747         0   0.26480E-07  479073.9 3744723.5   443.1     3.49     4.00
3.25     YES
 L0008748         0   0.26480E-07  479074.0 3744714.9   443.1     3.49     4.00
3.25     YES
 L0008749         0   0.26480E-07  479074.0 3744706.3   443.1     3.49     4.00
3.25     YES
 L0008750         0   0.26480E-07  479074.1 3744697.7   443.1     3.49     4.00
3.25     YES
 L0008751         0   0.26480E-07  479074.1 3744689.1   443.1     3.49     4.00
3.25     YES
 L0008752         0   0.26480E-07  479074.2 3744680.5   443.1     3.49     4.00
3.25     YES
 L0008753         0   0.26480E-07  479074.2 3744671.9   443.1     3.49     4.00
3.25     YES
 L0008754         0   0.26480E-07  479074.3 3744663.3   443.1     3.49     4.00
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE 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 VARY BY
L0008755	0	0.26480E-07	479074.3	3744654.7	443.1	3.49	4.00	3.25	YES	
L0008756	0	0.26480E-07	479074.4	3744646.2	443.1	3.49	4.00	3.25	YES	
L0008757	0	0.26480E-07	479074.4	3744637.6	443.1	3.49	4.00	3.25	YES	
L0008758	0	0.26480E-07	479074.5	3744629.0	443.1	3.49	4.00	3.25	YES	
L0008759	0	0.26480E-07	479074.5	3744620.4	443.1	3.49	4.00	3.25	YES	
L0008760	0	0.26480E-07	479074.6	3744611.8	443.1	3.49	4.00	3.25	YES	
L0008761	0	0.26480E-07	479074.6	3744603.2	443.1	3.49	4.00	3.25	YES	
L0008762	0	0.26480E-07	479074.7	3744594.6	443.1	3.49	4.00	3.25	YES	
L0008763	0	0.26480E-07	479074.7	3744586.0	443.1	3.49	4.00	3.25	YES	
L0008764	0	0.26480E-07	479074.8	3744577.4	443.1	3.49	4.00	3.25	YES	
L0008765	0	0.26480E-07	479074.8	3744568.8	443.1	3.49	4.00	3.25	YES	
L0008766	0	0.26480E-07	479074.9	3744560.3	443.1	3.49	4.00	3.25	YES	
L0008767	0	0.26480E-07	479074.9	3744551.7	443.1	3.49	4.00	3.25	YES	
L0008768	0	0.26480E-07	479075.0	3744543.1	443.1	3.49	4.00	3.25	YES	
L0008769	0	0.26480E-07	479075.0	3744534.5	443.1	3.49	4.00	3.25	YES	
L0008770	0	0.26480E-07	479075.1	3744525.9	443.1	3.49	4.00			

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3.25     YES
 L0008771         0   0.26480E-07  479075.1 3744517.3   443.1     3.49     4.00
3.25     YES
 L0008772         0   0.26480E-07  479075.2 3744508.7   443.1     3.49     4.00
3.25     YES
 L0008773         0   0.26480E-07  479075.2 3744500.1   443.1     3.49     4.00
3.25     YES
 L0008774         0   0.26480E-07  479075.3 3744491.5   443.1     3.49     4.00
3.25     YES
 L0008775         0   0.26480E-07  479075.3 3744482.9   443.1     3.49     4.00
3.25     YES
 L0008776         0   0.26480E-07  479075.4 3744474.4   443.1     3.49     4.00
3.25     YES
 L0008777         0   0.26480E-07  479075.4 3744465.8   443.1     3.49     4.00
3.25     YES
 L0008778         0   0.26480E-07  479075.5 3744457.2   443.1     3.49     4.00
3.25     YES
 L0008779         0   0.26480E-07  479075.5 3744448.6   443.1     3.49     4.00
3.25     YES
 L0008780         0   0.26480E-07  479075.6 3744440.0   443.1     3.49     4.00
3.25     YES
 L0008781         0   0.26480E-07  479075.6 3744431.4   443.1     3.49     4.00
3.25     YES
 L0008782         0   0.26480E-07  479075.7 3744422.8   443.1     3.49     4.00
3.25     YES
 L0008783         0   0.26480E-07  479075.7 3744414.2   443.1     3.49     4.00
3.25     YES
 L0008784         0   0.26480E-07  479075.8 3744405.6   443.1     3.49     4.00
3.25     YES
 L0008785         0   0.26480E-07  479075.8 3744397.0   443.1     3.49     4.00
3.25     YES
 L0008786         0   0.26480E-07  479075.9 3744388.5   443.1     3.49     4.00
3.25     YES
 L0008787         0   0.26480E-07  479075.9 3744379.9   443.1     3.49     4.00
3.25     YES
 L0008788         0   0.26480E-07  479076.0 3744371.3   443.1     3.49     4.00
3.25     YES
 L0008789         0   0.26480E-07  479076.0 3744362.7   443.1     3.49     4.00
3.25     YES
 L0008790         0   0.26480E-07  479076.0 3744354.1   443.1     3.49     4.00
3.25     YES
 L0008791         0   0.26480E-07  479076.1 3744345.5   443.1     3.49     4.00
3.25     YES
 L0008792         0   0.26480E-07  479076.1 3744336.9   443.1     3.49     4.00
3.25     YES
 L0008793         0   0.26480E-07  479076.2 3744328.3   443.1     3.49     4.00
3.25     YES
 L0008794         0   0.26480E-07  479076.2 3744319.7   443.1     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0008795	0	0.26480E-07	479076.3	3744311.1	443.0	3.49	4.00	3.25	YES
L0008796	0	0.26480E-07	479076.3	3744302.6	443.0	3.49	4.00	3.25	YES
L0008797	0	0.26480E-07	479076.4	3744294.0	443.0	3.49	4.00	3.25	YES
L0008798	0	0.26480E-07	479076.4	3744285.4	443.0	3.49	4.00	3.25	YES
L0008799	0	0.26480E-07	479076.5	3744276.8	443.0	3.49	4.00	3.25	YES
L0008800	0	0.26480E-07	479076.5	3744268.2	443.0	3.49	4.00	3.25	YES
L0008801	0	0.26480E-07	479076.6	3744259.6	443.0	3.49	4.00	3.25	YES
L0008802	0	0.26480E-07	479076.6	3744251.0	443.0	3.49	4.00	3.25	YES
L0008803	0	0.26480E-07	479076.7	3744242.4	443.0	3.49	4.00	3.25	YES
L0008804	0	0.26480E-07	479076.7	3744233.8	443.0	3.49	4.00	3.25	YES
L0008805	0	0.26480E-07	479076.8	3744225.2	443.0	3.49	4.00	3.25	YES
L0008806	0	0.26480E-07	479076.8	3744216.7	443.0	3.49	4.00	3.25	YES
L0008807	0	0.26480E-07	479076.9	3744208.1	443.0	3.49	4.00	3.25	YES
L0008808	0	0.26480E-07	479076.9	3744199.5	443.0	3.49	4.00	3.25	YES
L0008809	0	0.26480E-07	479077.0	3744190.9	443.0	3.49	4.00	3.25	YES
L0008810	0	0.26480E-07	479077.0	3744182.3	443.0	3.49	4.00		

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3.25     YES
 L0008811         0   0.26480E-07  479077.1 3744173.7   443.0     3.49     4.00
3.25     YES
 L0008812         0   0.26480E-07  479077.1 3744165.1   443.0     3.49     4.00
3.25     YES
 L0008813         0   0.26480E-07  479077.2 3744156.5   443.0     3.49     4.00
3.25     YES
 L0008814         0   0.26480E-07  479077.2 3744147.9   443.0     3.49     4.00
3.25     YES
 L0008815         0   0.26480E-07  479077.3 3744139.4   443.0     3.49     4.00
3.25     YES
 L0008816         0   0.26480E-07  479077.3 3744130.8   443.0     3.49     4.00
3.25     YES
 L0008817         0   0.26480E-07  479077.4 3744122.2   443.0     3.49     4.00
3.25     YES
 L0008818         0   0.26480E-07  479077.4 3744113.6   443.0     3.49     4.00
3.25     YES
 L0008819         0   0.26480E-07  479077.5 3744105.0   443.0     3.49     4.00
3.25     YES
 L0008820         0   0.26480E-07  479077.5 3744096.4   443.0     3.49     4.00
3.25     YES
 L0008821         0   0.26480E-07  479077.6 3744087.8   443.0     3.49     4.00
3.25     YES
 L0008822         0   0.26480E-07  479077.6 3744079.2   443.0     3.49     4.00
3.25     YES
 L0008823         0   0.26480E-07  479077.7 3744070.6   443.0     3.49     4.00
3.25     YES
 L0008824         0   0.26480E-07  479077.7 3744062.0   443.0     3.49     4.00
3.25     YES
 L0008825         0   0.26480E-07  479077.8 3744053.5   443.0     3.49     4.00
3.25     YES
 L0008826         0   0.26480E-07  479077.8 3744044.9   443.0     3.49     4.00
3.25     YES
 L0008827         0   0.26480E-07  479077.9 3744036.3   443.0     3.49     4.00
3.25     YES
 L0008828         0   0.26480E-07  479077.9 3744027.7   443.0     3.49     4.00
3.25     YES
 L0008829         0   0.26480E-07  479078.0 3744019.1   443.0     3.49     4.00
3.25     YES
 L0008830         0   0.26480E-07  479078.0 3744010.5   443.0     3.49     4.00
3.25     YES
 L0008831         0   0.26480E-07  479078.1 3744001.9   443.0     3.49     4.00
3.25     YES
 L0008832         0   0.26480E-07  479078.1 3743993.3   443.0     3.49     4.00
3.25     YES
 L0008833         0   0.26480E-07  479078.2 3743984.7   443.0     3.49     4.00
3.25     YES
 L0008834         0   0.26480E-07  479078.2 3743976.1   443.0     3.49     4.00
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008835	0	0.26480E-07	479078.3	3743967.6	443.0	3.49	4.00	3.25	YES	
L0008836	0	0.26480E-07	479078.3	3743959.0	443.0	3.49	4.00	3.25	YES	
L0008837	0	0.26480E-07	479078.4	3743950.4	443.0	3.49	4.00	3.25	YES	
L0008838	0	0.26480E-07	479078.4	3743941.8	443.0	3.49	4.00	3.25	YES	
L0008839	0	0.26480E-07	479078.5	3743933.2	443.0	3.49	4.00	3.25	YES	
L0008840	0	0.26480E-07	479078.5	3743924.6	443.0	3.49	4.00	3.25	YES	
L0008841	0	0.26480E-07	479078.5	3743916.0	443.0	3.49	4.00	3.25	YES	
L0008842	0	0.26480E-07	479078.6	3743907.4	443.0	3.49	4.00	3.25	YES	
L0008843	0	0.26480E-07	479078.6	3743898.8	443.0	3.49	4.00	3.25	YES	
L0008844	0	0.26480E-07	479078.7	3743890.2	443.0	3.49	4.00	3.25	YES	
L0008845	0	0.26480E-07	479078.7	3743881.7	443.0	3.49	4.00	3.25	YES	
L0008846	0	0.26480E-07	479078.8	3743873.1	443.0	3.49	4.00	3.25	YES	
L0008847	0	0.26480E-07	479078.8	3743864.5	443.0	3.49	4.00	3.25	YES	
L0008848	0	0.26480E-07	479078.9	3743855.9	443.0	3.49	4.00	3.25	YES	
L0008849	0	0.26480E-07	479078.9	3743847.3	443.0	3.49	4.00	3.25	YES	
L0008850	0	0.26480E-07	479079.0	3743838.7	443.0	3.49	4.00			

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3.25     YES
 L0008851         0   0.26480E-07  479079.0 3743830.1   443.0     3.49     4.00
3.25     YES
 L0008852         0   0.26480E-07  479079.1 3743821.5   443.0     3.49     4.00
3.25     YES
 L0008853         0   0.26480E-07  479079.1 3743812.9   443.0     3.49     4.00
3.25     YES
 L0008854         0   0.26480E-07  479079.2 3743804.3   443.0     3.49     4.00
3.25     YES
 L0008855         0   0.26480E-07  479079.2 3743795.8   443.0     3.49     4.00
3.25     YES
 L0008856         0   0.26480E-07  479079.3 3743787.2   443.0     3.49     4.00
3.25     YES
 L0008857         0   0.26480E-07  479079.3 3743778.6   443.0     3.49     4.00
3.25     YES
 L0008858         0   0.26480E-07  479079.4 3743770.0   443.0     3.49     4.00
3.25     YES
 L0008859         0   0.26480E-07  479079.4 3743761.4   443.0     3.49     4.00
3.25     YES
 L0008860         0   0.26480E-07  479079.5 3743752.8   443.0     3.49     4.00
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:24:43

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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  ALL        L0008155    , L0008156    , L0008157    , L0008158    , L0008159    ,
L0008160    , L0008161    , L0008162    ,

             L0008163    , L0008164    , L0008165    , L0008166    , L0008167    ,
L0008168    , L0008169    , L0008170    ,

             L0008171    , L0008172    , L0008173    , L0008174    , L0008175    ,
L0008176    , L0008177    , L0008178    ,

             L0008179    , L0008180    , L0008181    , L0008182    , L0008183    ,
L0008184    , L0008185    , L0008186    ,

             L0008187    , L0008188    , L0008189    , L0008190    , L0008191    ,
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L0008192    , L0008193    , L0008194    ,

             L0008195    , L0008196    , L0008197    , L0008198    , L0008199    ,
L0008200    , L0008201    , L0008202    ,

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L0008208    , L0008209    , L0008210    ,

             L0008211    , L0008212    , L0008213    , L0008214    , L0008215    ,
L0008216    , L0008217    , L0008218    ,

             L0008219    , L0008220    , L0008221    , L0008222    , L0008223    ,
L0008224    , L0008225    , L0008226    ,

             L0008227    , L0008228    , L0008229    , L0008230    , L0008231    ,
L0008232    , L0008233    , L0008234    ,

             L0008235    , L0008236    , L0008237    , L0008238    , L0008239    ,
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L0008272    , L0008273    , L0008274    ,

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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:24:43
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:24:43
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID                                          SOURCE IDs
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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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*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:24:43

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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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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0008795 , L0008796 , L0008797 , L0008798 , L0008799 ,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(478743.8, 3745158.6, 445.0, 445.0, 0.0); (478870.1, 3745318.8, 444.0, 444.0, 0.0);
(478930.8, 3745323.2, 444.0, 444.0, 0.0); (479220.8, 3744853.3, 443.0, 443.0, 0.0);
(477847.6, 3745595.0, 449.0, 449.0, 0.0); (477839.8, 3745434.8, 449.0, 449.0, 0.0);
(477716.0, 3745265.4, 449.1, 449.1, 0.0); (478147.2, 3745706.0, 447.0, 447.0, 0.0);
(478150.3, 3745485.8, 447.7, 447.7, 0.0); (478156.3, 3745048.5, 447.0, 447.0, 0.0);
(478145.7, 3745277.8, 447.0, 447.0, 0.0); (478709.6, 3745470.8, 445.0, 445.0, 0.0);
(478163.0, 3744833.0, 447.0, 447.0, 0.0); (478228.8, 3745872.4, 447.0, 447.0, 0.0);
(478329.8, 3746076.5, 447.0, 447.0, 0.0); (478115.4, 3746408.6, 448.0, 448.0, 0.0);
(476718.3, 3746600.5, 455.0, 455.0, 0.0); (476396.8, 3746701.2, 457.0, 457.0, 0.0);
(477381.4, 3744264.6, 453.0, 453.0, 0.0); (477144.9, 3744271.6, 454.9, 454.9, 0.0);
(477418.1, 3744372.0, 452.0, 452.0, 0.0); (477170.4, 3744367.8, 454.0, 454.0, 0.0);
(477163.4, 3744105.8, 455.0, 455.0, 0.0); (478736.0, 3744685.4, 444.1, 444.1, 0.0);
(478939.0, 3744685.4, 444.0, 444.0, 0.0); (479030.3, 3744991.0, 444.0, 444.0, 0.0);
(479129.4, 3744996.6, 444.0, 444.0, 0.0); (478988.5, 3744700.4, 444.0, 444.0, 0.0);
(478706.6, 3744701.5, 445.0, 445.0, 0.0); (479164.7, 3744728.0, 443.0, 443.0, 0.0);
(479217.3, 3744827.0, 443.0, 443.0, 0.0); (479113.8, 3744898.4, 444.0, 444.0, 0.0);

```
     ( 479054.6, 3745327.2,     444.0,     444.0,       0.0);         ( 479044.6,
3745254.2,     444.0,     444.0,       0.0);
     ( 479217.5, 3744789.5,     443.0,     443.0,       0.0);         ( 479216.4,
3744769.8,     443.0,     443.0,       0.0);
     ( 479214.0, 3744733.4,     443.0,     443.0,       0.0);         ( 479215.5,
3744714.3,     443.0,     443.0,       0.0);
     ( 479215.5, 3744680.4,     443.0,     443.0,       0.0);         ( 479215.8,
3744660.2,     443.0,     443.0,       0.0);
     ( 479159.8, 3744660.5,     443.0,     443.0,       0.0);

↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:24:43

                                   PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 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  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
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INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                         ***       08:24:43

                                   PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

   Surface file:   PERRISADJU\PERI_V9_ADJU\PERI_V9.SFC
                  Met Version:  16216
   Profile file:   PERRISADJU\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)
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:24:43

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     L0008155    , L0008156
 , L0008157    , L0008158    , L0008159    ,
                   L0008160    , L0008161    , L0008162    , L0008163    , L0008164
 , L0008165    , L0008166    , L0008167    ,
                   L0008168    , L0008169    , L0008170    , L0008171    , L0008172
 , L0008173    , L0008174    , L0008175    ,
```

L0008176 , L0008177 , L0008178 , L0008179 , L0008180
, L0008181 , L0008182 , . . . ,

*** 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
478700.26	3745178.79	0.00059	478719.45	3745179.17	0.00052
478743.76	3745158.58	0.00051	478870.08	3745318.76	0.00029
478930.81	3745323.25	0.00029	479220.76	3744853.35	0.00048
477847.62	3745595.00	0.00008	477839.84	3745434.75	0.00008
477715.99	3745265.41	0.00007	478147.22	3745705.97	0.00016
478150.26	3745485.81	0.00015	478156.33	3745048.52	0.00015
478145.70	3745277.79	0.00014	478709.59	3745470.77	0.00022
478162.96	3744833.04	0.00015	478228.82	3745872.45	0.00029
478329.75	3746076.50	0.00032	478115.38	3746408.61	0.00007
476718.35	3746600.47	0.00002	476396.78	3746701.23	0.00001
477381.38	3744264.63	0.00004	477144.91	3744271.63	0.00003
477418.12	3744371.97	0.00004	477170.36	3744367.85	0.00003
477163.37	3744105.76	0.00003	478736.03	3744685.36	0.00176
478938.95	3744685.36	0.00246	479030.26	3744990.99	0.00086
479129.37	3744996.65	0.00061	478988.55	3744700.40	0.00243
478706.62	3744701.52	0.00174	479164.68	3744727.97	0.00069
479217.34	3744826.96	0.00050	479113.84	3744898.43	0.00090
479054.60	3745327.17	0.00048	479044.61	3745254.25	0.00046
479217.54	3744789.55	0.00051	479216.38		

3744769.85   0.00051
479213.99   3744733.39   0.00051   479215.50
3744714.33   0.00050
479215.50   3744680.45   0.00048   479215.81
3744660.18   0.00047
479159.84   3744660.48   0.00065

↑ *** AERMOD - VERSION 19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND INDIAN\11705 RAMONA AND INDIAN ***   09/03/21
*** AERMET - VERSION 16216 ***   ***
***   08:24:43

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   5 YEARS ***

** 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   0.00246 AT (478938.95, 3744685.36, 444.00,   444.00,   0.00) DC
          2ND HIGHEST VALUE IS   0.00243 AT (478988.55, 3744700.40, 444.00,   444.00,   0.00) DC
          3RD HIGHEST VALUE IS   0.00176 AT (478736.03, 3744685.36, 444.13,   444.13,   0.00) DC
          4TH HIGHEST VALUE IS   0.00174 AT (478706.62, 3744701.52, 445.00,   445.00,   0.00) DC
          5TH HIGHEST VALUE IS   0.00090 AT (479113.84, 3744898.43, 444.00,   444.00,   0.00) DC
          6TH HIGHEST VALUE IS   0.00086 AT (479030.26, 3744990.99, 444.00,   444.00,   0.00) DC
          7TH HIGHEST VALUE IS   0.00069 AT (479164.68, 3744727.97, 443.00,   443.00,   0.00) DC
          8TH HIGHEST VALUE IS   0.00065 AT (479159.84, 3744660.48, 443.01,   443.01,   0.00) DC
          9TH HIGHEST VALUE IS   0.00061 AT (479129.37, 3744996.65, 444.00,   444.00,   0.00) DC
         10TH HIGHEST VALUE IS   0.00059 AT (478700.26, 3745178.79, 445.00,   445.00,   0.00) DC

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\11705 RAMONA AND
INDIAN\11705 RAMONA AND INDIAN ***        09/03/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:24:43

                                  PAGE  35
 *** 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    1621       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1621       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 ***
    ************************************
```

APPENDIX 2.3:

RISK CALCULATIONS

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Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
-0.25 to 0 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00051	5.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	5.6E-09	5.0E+00	1.4E-03	1.0E-04							
TOTAL								5.6E-09			1.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	0.25
inhalation rate (L/kg-day))	361
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (age third trimester	10

Table 2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			($ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00051	5.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	1.4E-07	5.0E+00	1.4E-03	1.0E-04							
TOTAL								1.4E-07			1.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	2
inhalation rate (L/kg-day))	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (0 to 2 years old)	10

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00051	5.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-07	1.3E-07	5.0E+00	1.4E-03	1.0E-04							
TOTAL								1.3E-07			1.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day))	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72
age sensitivity factor (ages 2 to 16 years	3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			$(ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00051	5.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	2.0E-08	5.0E+00	1.4E-03	1.0E-04							
TOTAL								2.0E-08			1.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
								0.02										

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day))	261
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.73
age sensitivity factor (ages 16 to 30 years old)	1

Total Risk for All Age Bins (per million) 0.29

Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
25-Year Worker Exposure Scenario

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
						URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
		(ug/m^3)	(mg/m^3)			($ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	Diesel Particulates	2.46E-03	2.46E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	1.5E-07	5.0E+00	1.4E-03	4.9E-04							
	TOTAL								1.6E-07			5.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
									0.16										

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	250
exposure duration (years)	25
inhalation rate (L/kg-day))	230
inhalation absorption factor	1
averaging time (years)	70