

APPENDIX F - DIESEL HEALTH RISK ASSESSMENT

JULY 30, 2026

Mr. Michael Brown
CADENCE ENVIRONMENTAL CONSULTANTS
816 Sausalito Drive
Camarillo, CA 93010

SUBJECT: PERRIS TRUCK ROUTES PLAN UPDATE DIESEL HEALTH RISK ASSESSMENT, CITY OF PERRIS

Dear Mr. Brown:

INTRODUCTION

RK ENGINEERING GROUP, INC. (RK) is pleased to provide the following Diesel Health Risk Assessment for the proposed Update to the City of Perris Truck Routes Plan (hereinafter referred to as "project").

This assessment was conducted within the context of the California Environmental Quality Act (CEQA, California Public Resources Code Sections 21000, et seq.). The methodology follows the State of California Office of Environmental Health Hazard Assessment (OEHHA), California Air Resources Board (CARB), and the Southern California Air Quality Management District (SCAQMD) recommendations for quantification of emissions and evaluation of potential impacts.

SITE LOCATION & PROJECT DESCRIPTION

The City of Perris is amending its General Plan Circulation Element to revise the City's designated Truck Routes Map in accordance with the requirements of AB 98. The update consists of adding one (1) new truck route segment and removing three (3) existing segments based on roadway conditions, adjacent land uses, and compliance with AB 98 criteria. The purpose of the amendment is to ensure that designated truck routes utilize appropriate arterials and commercially oriented corridors, avoid sensitive receptors, and reflect current and planned industrial activity within the City.

The *Truck Routes Plan Update Transportation Analysis, City of Perris, Revised July 10, 2026* (Transportation Analysis) was prepared for the proposed project to evaluate the anticipated redistribution of truck traffic associated with the project. The Transportation Analysis projected truck traffic volumes for the Existing Year, Future Year (2045), and Future Year Cumulative (2045) scenarios for the affected roadway segments throughout the City and identified the roadway segments expected to experience the greatest increases in truck traffic as a result of the proposed update. Based on the results of the Transportation Analysis, the following roadway segments are projected to experience the greatest increases in truck traffic:

- Mapes Road, from Trumble Road to Sherman Road
- Mapes Road, from Sherman Road to Antelope Road
- Trumble Road, from Mapes Road to SR-74

The purpose of this study is to evaluate the potential cancer and non-cancer health risks associated with the redistribution of truck traffic resulting from implementation of the proposed Truck Routes Plan Update. Health risks were evaluated along the roadway segments listed above under the Existing Year, Future Year (2045), and Future Year Cumulative (2045) traffic scenarios. These roadway segments were selected for analysis because they are projected to experience the greatest increases in truck traffic resulting from the proposed Truck Routes Plan Update. In addition, the selected roadway segments are adjacent to residential, recreational, and industrial land uses that are representative of the receptor types located throughout the project area. As a result, evaluation of these roadway segments provides a conservative assessment of the potential health risks associated with implementation of the proposed project.

Exhibit A shows the location of the roadways analyzed in this study.

SENSITIVE RECEPTORS

Sensitive receptors are considered land uses or other types of population groups that are more sensitive to air pollution exposure. Sensitive population groups include children, the elderly, the acutely and chronically ill, and those with cardio-respiratory diseases.

For CEQA purposes, the SCAQMD considers a sensitive receptor to be a location where a sensitive individual could remain for 24 hours or longer, such as residences, hospitals, and schools (etc.), as described in the Localized Significance Threshold Methodology (SCAQMD 2008a, page 3-2). In addition, Assembly Bill (AB) 98 defines sensitive receptors as residences, schools, daycare facilities, publicly owned parks, playgrounds and recreational areas or facilities primarily used by children, nursing homes and other long-term care facilities, and hospitals. Consistent with these definitions, several sensitive land uses are located adjacent to the project site, including the following.

Based on the roadway segments selected for analysis, receptors located within 500 feet of each study roadway were identified and evaluated. For the purposes of this HRA, residential receptors were evaluated in accordance with SCAQMD guidance. In addition, outdoor recreational and employment land uses adjacent to the study roadway segments were evaluated to characterize potential health risks to representative receptor types located within the project area. A map showing the receptor locations is provided in **Exhibit B**.

Receptor-1 Existing Big League Dreams Perris outdoor recreational facility located near the northeast corner of Mapes Road and Trumble Road. The nearest point of outdoor recreational activity (labeled "1" on **Exhibit B**) is located approximately 60 feet north of the centerline of Mapes Road.

Because the outdoor recreational facility is assumed to be frequented by children, potential health risks at Receptor-1 are conservatively evaluated using the residential exposure assumptions. This approach provides a conservative assessment of potential health risks because the residential HRA methodology assumes long-term occupancy at the receptor location, whereas recreational users are expected to occupy the site intermittently for relatively short durations.

Receptor-2 Existing residential land uses located along the northern and southern sides of Mapes Road. The nearest residential property line (labeled "2" on **Exhibit B**) is located approximately 35 feet from the centerline of Mapes Road.

Receptor-3 Existing industrial land uses located along the eastern and western sides of Trumble Road. The nearest point of the industrial land uses (labeled "3" on **Exhibit B**) is located approximately 50 feet from the centerline of Trumble Road.

Potential health risks at Receptor-3 are evaluated using the worker exposure assumptions for employment-based land uses.

REGULATORY SETTING

The following sections provide background information on the state and regional regulations for controlling toxic air contaminants (TACs).

State Guidance

The California Air Resources Board (CARB) and the Office of Environmental Health Hazard Assessment (OEHHA) provide the primary guidance for evaluating health risks associated with TAC exposure in California. OEHHA develops the health values and exposure assumptions used in HRAs, including Cancer Potency Factors (CPFs), Reference Exposure Levels (RELs), and age sensitivity factors. These values are published in the Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015) and are widely used for CEQA health risk evaluations.

South Coast Air Quality Management District (SCAQMD)

The South Coast Air Quality Management District (SCAQMD) is the regional agency responsible for regulating air quality within Riverside County. SCAQMD's Risk Assessment Procedures for Rules 1401, 1401.1, and 212 (October 2024) establish the procedures and exposure assumptions used to conduct HRAs within the District. These procedures incorporate OEHHA guidance and provide the methodology used to evaluate cancer risk and non-cancer health impacts for the proposed project.

MODELING PARAMETERS AND ASSUMPTIONS

The AERMOD Gaussian Plume Air Dispersion Model Version 13.1.0 (AERMOD) was used to model the dispersion of TAC emissions from the operation of the project. AERMOD is a regulatory air quality dispersion model developed by the American Meteorological Society and the Environmental Protection Agency (EPA). It is used to estimate the dispersion of air pollutants from stationary and mobile sources, taking into account various factors such as terrain, meteorology, and the nature of the

pollutant sources. The assumptions and modeling parameters used for this analysis are described below.

Diesel particulate matter (DPM) is the primary toxic air contaminant emitted from diesel-powered vehicles and is the pollutant recommended by CARB and SCAQMD for evaluating long-term health risks associated with diesel emissions. Accordingly, this HRA evaluates potential health risks resulting from DPM emissions generated by truck traffic along the study roadways.

DPM emissions associated with the projected redistribution of truck traffic along the study roadways were estimated based on the roadway volume assumptions from the *Truck Routes Plan Update Transportation Analysis, City of Perris, Revised July 10, 2026* (Transportation Analysis), prepared by RK, and the California Air Resources Board (CARB) EMFAC2025 model. Separate emissions estimates were developed for the Existing Year, Future Year (2045), and Future Year Cumulative (2045) traffic scenarios evaluated in the Transportation Analysis.

Vehicle source emissions were calculated using the following key inputs:

- Average Daily Traffic (ADT) - the amount of vehicle trips along each roadway over a 24-hour period;
- Vehicle Fleet Mix - the percentage breakdown of vehicle types (i.e., trucks by axle number); and
- Emission Factors - the amount of emissions generated as a function of vehicle type, vehicle speed, and pollutant for a given time or distance.

Exhibit C shows the locations of modeled operational roadway emissions sources.

Average Daily Traffic and Fleet Mix

Tables 1 through **3** show the net increase in truck ADT generated by the project for the Existing Year, Future Year (2045), and Future Year Cumulative (2045) scenarios. To be conservative, all project-related truck trips were assumed to consist of LHDT2 and HHDT vehicles. All trucks were assumed to be powered by diesel fuel.

Table 1 | Project Vehicle Mix - Existing Year ¹

Roadway		Daily Project Trips by Vehicle Type			Total Daily Trips
		4-Axle Trucks (LHDT2)	5-Axle Trucks (HHDT)	6+-Axle Trucks (HHDT)	
Mapes Road	Trumble Rd. to Sherman Rd.	62	59	0	121
Mapes Road	Sherman Rd. to Antelope Rd.	61	60	0	121
Trumble Road	Mapes Rd. to SR-74	159	35	2	196

¹ Vehicle mix trip generation is based on the *Truck Routes Plan Update Transportation Analysis, City of Perris, Revised July 10, 2026*, prepared by RK.

Table 2 | Project Vehicle Mix - Future Year (2045) ¹

Roadway		Daily Project Trips by Vehicle Type			Total Daily Trips
		4-Axle Trucks (LHDT2)	5-Axle Trucks (HHDT)	6+-Axle Trucks (HHDT)	
Mapes Road	Trumble Rd. to Sherman Rd.	114	111	0	225
Mapes Road	Sherman Rd. to Antelope Rd.	116	112	0	228
Trumble Road	Mapes Rd. to SR-74	506	110	6	622

¹ Vehicle mix trip generation is based on the *Truck Routes Plan Update Transportation Analysis, City of Perris, Revised July 10, 2026*, prepared by RK.

Table 3 | Project Vehicle Mix - Future Year Cumulative (2045) ¹

Roadway		Daily Project Trips by Vehicle Type			Total Daily Trips
		4-Axle Trucks (LHDT2)	5-Axle Trucks (HHDT)	6+-Axle Trucks (HHDT)	
Mapes Road	Trumble Rd. to Sherman Rd.	534	515	0	1,049
Mapes Road	Sherman Rd. to Antelope Rd.	536	518	0	1,054
Trumble Road	Mapes Rd. to SR-74	1,060	230	12	1,302

¹ Vehicle mix trip generation is based on the *Truck Routes Plan Update Transportation Analysis, City of Perris, Revised July 10, 2026*, prepared by RK.

Mobile Source Emission Factors

Emission factors derived from the EMFAC2025 model are utilized to estimate vehicle emissions at the project site and along the study roadways. To be conservative, mobile source emissions were calculated based on the first year of each scenario (i.e., 2025 for the Existing Year scenario and 2045 for the 2045 Baseline and 2045 with Cumulative scenarios). This approach is conservative because DPM emissions from heavy-duty trucks are expected to decline over the project's lifespan due to vehicle turnover and the implementation of existing and future mobile source emission control rules and strategies.

Emission factors for particulate matter (PM₁₀) were used to represent DPM emissions. The posted speed limits along each of the study roadways were used as the average traffic speed for each roadway.

Emission factor calculation worksheets are provided in **Appendix A**.

Air Dispersion Model Assumptions

The general model assumptions utilized for this analysis are shown in **Table 4**. The results of the air dispersion model are provided in **Appendix B**.

Table 4 | Dispersion Model Assumptions

Feature	Operation
Terrain Processing	Elevated terrain
Regulatory Dispersion Options	Default assumptions used
Land Use	Urban
Coordinate System	UTM
Building Downwash	Not included in calculations ¹
Receptor Height	0 meters

¹ Building downwash effects in AERMOD are only applicable to point source emissions. Since the project does not include any point sources, building downwash is not considered in this analysis.

² Receptors are set at a height of 0 meters, consistent with SCAQMD Modeling Guidance for AERMOD.

Each roadway segment was represented as a line volume source with emissions distributed uniformly along that roadway length. The emissions are characterized by parameters such as the emission rate per unit length, length of the line source, and release height.

Table 5 below shows the emissions source configurations used for this analysis.

Table 5 | Dispersion Model Source Configurations

Emission Source Type	Configuration	Relevant Assumptions
Truck Traffic	Line Sources	• See Tables 1 through 3 for an inventory of average daily traffic along roadways • Stack release height: 3.5 meters (~11.48 feet) • Vehicle speeds: ○ 50 m.p.h. along Mapes Rd. ○ 45 m.p.h. along Trumble Rd. • Vehicle Types: LHDT2, HHDT • Emission factors: CARB EMFAC2025 (Years 2025 and 2045)

Meteorological Data

Meteorological data recorded over hourly intervals are also utilized within AERMOD to determine the direction and rate of dispersion of emissions released into the atmosphere. The SCAQMD maintains 26 meteorological data collection stations throughout the District's jurisdiction. Meteorological data from the 5 most recent years that meet the established completeness criteria is processed by the SCAQMD for use in dispersion modeling. Other information provided includes station details, surface characteristics, and temperature ranges.

The nearest meteorological data collection station to the proposed project site is the Perris (PERI) station. For the purposes of this analysis, meteorological data for the PERI station collected in the years 2016 through 2020 are used to represent local weather conditions and prevailing winds.

Exhibit D shows the Wind Rose plot for the PERI meteorological data collection station.

Modeled Sensitive Receptors

For the purposes of this analysis, each identified sensitive receptor was represented by a discrete receptor located at the point nearest to the study roadway. These discrete receptors represent the residential, recreational, and industrial receptor locations described above. In addition, a Cartesian receptor grid was established throughout the study area to identify the locations of maximum off-site pollutant concentrations.

Exhibit E shows the locations of each receptor placed in the air dispersion model.

RISK ASSESSMENT METHODOLOGY

The calculations used to estimate cancer risk are based on the methodology published by OEHHA and SCAQMD. For the purposes of this analysis, potential health risks associated with diesel

particulate matter (DPM) exposure were evaluated separately for residential and worker receptors using the applicable OEHHA exposure assumptions.

Potential health risks were evaluated in terms of incremental cancer risk and chronic non-cancer hazard index. Residential cancer burden was also evaluated in accordance with SCAQMD guidance. Emission concentration contours for the Existing Year, Future Year (2045), and Future Year Cumulative (2045) scenarios are provided in **Exhibits F through H**.

Residential Cancer Health Risk Assessment Methodology

Potential cancer risk for residential receptors was calculated using the annual average DPM concentration predicted by AERMOD together with the OEHHA residential exposure assumptions for each applicable age group (i.e., third trimester, infant, child, and adult), as shown below.

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

Where:

- CPF = cancer potency factor, chemical specific (mg/kg/day);
- DBR = breathing rate per age group (L/kg BW-day);
- ED = exposure duration (years); and
- EF = exposure frequency (days/year);
- ASF = age sensitivity factor, per age group;
- FAH = fraction of time at home.

Table 6 shows the assumptions and values utilized in the above equations to calculate the cancer risk resulting from DPM exposure at each residential receptor location. Cancer risk calculation worksheets are provided in **Appendix C**.

Table 6 | Residential Cancer Risk Calculation Values for DPM Exposure

Receptor Category	Age Range (years)	CPF ¹ (mg/kg/day)	ASF ²	ED ³ (Years)	EF ⁴ (days/year)	BR ⁵ (L/kg per 8 hours)
3 rd Trimester	0-25	1.1	10	0.25	350	361
Infant	0-2		10	2		1,090
Child	2-16		3	14		745
Adult	16-30		1	14		335

¹Inhalation cancer potency factor for Diesel Particulate Matter, per the OEHHA/ARB Approved Risk Assessment Health Values. <https://ww2.arb.ca.gov/sites/default/files/classic/toxics/healthval/contable01072025v2.pdf>.

²Age sensitivity factor, per the OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

³ED = Exposure Duration.

⁴EF = Exposure frequency (number of days per 365 days). Per the OEHHA Air Toxics Hot Spots Program Guidance Manual, the recommended default exposure frequency is 350 days for residential receptors.

⁵Eight-hour breathing rate, per the OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd trimester, 0<2, 2<9, 2<16< 16<30 and 16-70 years (L/kg BW-day).

Worker Cancer Health Risk Assessment Methodology

Potential cancer risk for worker receptors was calculated using the annual average DPM concentration predicted by AERMOD together with the OEHHA worker exposure assumptions, as shown below.

$$\text{Cancer Risk} = (\text{DPM Concentration} \times \text{WAF}) \times \left(\frac{\text{BR}}{\text{BW}}\right) \times A \times \text{EF} \times \text{CPF} \times \text{ASF} \times (\text{ED} \times 365) \div 25,550$$

Where:

- WAF = worker adjustment factor;
- BR/BW = 8-hour breathing rate (L/kg BW-8 hr day);
- A = inhalation absorption factor;
- EF = exposure frequency (days/year);
- CPF = cancer potency factor, chemical specific (mg/kg/day);
- ASF = age sensitivity factor, per age group;
- ED = worker exposure duration (years).

Table 7 shows the assumptions and values utilized in the above equations to calculate the cancer risk resulting from DPM exposure at each worker receptor location. Cancer risk calculation worksheets are provided in **Appendix C**.

Table 7 | Worker Cancer Risk Calculation Values for DPM Exposure

Receptor Category	Age Range (years)	CPF ¹ (mg/kg/day)	WAF	ASF ²	ED ³ (Years)	EF ⁴ (days/year)	BR/BW ⁵ (L/kg per 8 hours)
Adult	16+	1.1	1	1	25	250	20

¹Inhalation cancer potency factor for Diesel Particulate Matter, per the OEHHA/ARB Approved Risk Assessment Health Values. <https://ww2.arb.ca.gov/sites/default/files/classic/toxics/healthval/contable01072025v2.pdf>.

²Age sensitivity factor, per the OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

³ED = Exposure Duration.

⁴EF = Exposure frequency (number of days per 365 days). Worker exposure assumptions are based on the Tier 1 recommended default assumptions presented in Sections 5.4.1.2A, 5.4.1.2B, and 8.2.4B of the OEHHA *Air Toxics Hot Spots Program Guidance Manual*.

⁵Eight-hour breathing rate, per the OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Worker Breathing Rates.

Non-Cancer Health Risk Assessment Methodology

Exposure to TACs can also cause non-cancer health effects affecting the reproductive, respiratory, eye, kidney, blood, and nervous systems. Risk characterization for non-cancer health risks from TAC exposure is expressed as a hazard index (HI). The HI is a ratio of the predicted concentration of TACs to a concentration considered acceptable to public health professionals, termed the Reference Exposure Level (REL). The following equation is used to calculate the HI.

$$HI = C_{\text{air}}/REL$$

Where:

- HI = chronic hazard quotient for DPM;
- C_{air} = annual average concentration of DPM ($\mu\text{g}/\text{m}^3$); and
- REL = chronic reference exposure level for DPM ($5 \mu\text{g}/\text{m}^3$).

It should be noted that no acute hazard index was calculated for project-related DPM, as no acute reference exposure level is established for diesel particulate matter.

Non-cancer chronic hazard index calculation worksheets are provided in **Appendix C**.

SIGNIFICANCE THRESHOLDS

The SCAQMD has established thresholds for the purpose of determining whether pollutant emissions may have a significant effect on the environment per Section 15002(g) of the Guidelines for Implementing CEQA. For TACs, the SCAQMD has established thresholds in terms of the maximum individual cancer risk (MICR) and the non-cancer hazard index (HI).

Table 8 lists the MICR and HI significance thresholds for the TACs analyzed in this report. These thresholds are applicable to the project’s potential incremental contribution to health risk and do not apply to existing ambient background risk levels.

Table 8 | SCAQMD Health Risk Assessment Significance Thresholds¹

Category	Risk Threshold
Maximum Incremental Cancer Risk	≥ 10 in one million
Cancer Burden	> 0.5 excess cancer cases (in areas ≥ 1 in one million)
Chronic & Acute Hazard Index	≥ 1 (project increment)

¹ Source: SCAQMD Air Quality Significance Thresholds. <https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25>.

HEALTH RISK ASSESSMENT RESULTS

The following section summarizes the estimated residential and worker health risks associated with the implementation of the proposed Truck Routes Plan Update. Health risks were evaluated under the Existing Year, Future Year (2045), and Future Year Cumulative (2045) traffic scenarios using the methodology described above.

Residential Health Risk Assessment Results

Tables 9 through **11** present the estimated residential cancer risk and non-cancer hazard index associated with the Existing Year, Future Year (2045), and Future Year Cumulative (2045) traffic scenarios, respectively.

Table 9 | Residential Health Risk Levels (Existing Year)

Sensitive Receptor	AERMOD Receptor ID	Cancer Risk (per one million)	Hazard Index
1	1	0.5040	0.0001
	2	0.7074	0.0002
	3	0.2476	0.0001
2	4	1.0081	0.0002
	5	1.0965	0.0002
	6	1.0611	0.0002
	7	0.9992	0.0002
	8	0.9638	0.0002
	9	0.7428	0.0002
	10	0.6455	0.0001
	11	0.1945	0.0000
	12	0.1150	0.0000
Maximum Risk		1.0965	0.0002
SCAQMD Threshold		10	1
Exceeds Threshold?		No	No

Table 10 | Residential Health Risk Levels (Future Year 2045)

Sensitive Receptor	AERMOD Receptor ID	Cancer Risk (per one million)	Hazard Index
1	1	0.7428	0.0002
	2	0.9904	0.0002
	3	0.3714	0.0001
2	4	1.3618	0.0003
	5	1.4856	0.0003
	6	1.3971	0.0003
	7	1.3264	0.0003
	8	1.2645	0.0003
	9	0.9904	0.0002
	10	0.8666	0.0002
	11	0.2653	0.0001
	12	0.1680	0.0000
Maximum Risk		1.4856	0.0003
SCAQMD Threshold		10	1
Exceeds Threshold?		No	No

Table 11 | Residential Health Risk Levels (Future Year Cumulative 2045)

Sensitive Receptor	AERMOD Receptor ID	Cancer Risk (per one million)	Hazard Index
1	1	3.0418	0.0007
	2	4.3152	0.0010
	3	1.5032	0.0003
2	4	6.1633	0.0014
	5	6.7115	0.0015
	6	6.3578	0.0014
	7	6.0129	0.0014
	8	5.7830	0.0013
	9	4.5362	0.0010
	10	3.9615	0.0009
	11	1.1761	0.0003
	12	0.7162	0.0002
Maximum Risk		6.7115	0.0015
SCAQMD Threshold		10	1
Exceeds Threshold?		No	No

As shown in **Tables 9** through **11**, the maximum residential cancer risk and non-cancer hazard index are expected to remain below the applicable SCAQMD significance thresholds under all three analysis scenarios.

The maximum residential cancer risk would occur under the Future Year Cumulative (2045) scenario and is estimated to be 6.71 in one million. The corresponding hazard index under this scenario would be 0.0015. Both values remain below the SCAQMD significance thresholds of 10 in one million and 1.0, respectively.

In addition to the assessment of maximum incremental cancer and non-cancer risk at the modeled receptors, SCAQMD requires an assessment of residential cancer burden. Cancer burden represents the estimated number of excess cancer cases within the exposed population over a 70-year lifetime and is calculated by multiplying the maximum incremental cancer risk by the estimated exposed population.

Based on aerial imagery and parcel counts, approximately 90 households are located within the study area. Per the City of Perris General Plan, the City has an average household size of 4.16. Applying the average household size to the estimated 90 households in the study area, the estimated exposed population is approximately 374 residents.

Table 12 summarizes the residential cancer burden calculations. As shown, the estimated cancer burden is well below the SCAQMD significance threshold of 0.5 excess cancer cases.

Table 12 | Estimated Cancer Burden

Scenario	Maximum Incremental Cancer Risk (per one million)	Estimated Exposed Population	Estimated Cancer Burden
Existing Year	1.0965	374	0.0004
Future Year (2045)	1.4856		0.0006
Future Year Cumulative (2045)	6.7115		0.0025
Maximum Estimated Cancer Burden			0.0025
SCAQMD Cancer Burden Threshold			0.5
Exceeds Threshold?			No

As a result, the proposed project is not expected to exceed the applicable thresholds for maximum incremental cancer risk, non-cancer hazard index, or cancer burden. Therefore, **the project's health risk impact to the adjacent residential receptors is considered less than significant, and no mitigation measures are required.**

Worker Health Risk Assessment Results

Tables 13 through **15** present the estimated worker cancer risk associated with the Existing Year, Future Year (2045), and Future Year Cumulative (2045) traffic scenarios, respectively.

As shown in **Tables 13** through **15**, the maximum worker cancer risk and non-cancer hazard index are expected to remain below the applicable SCAQMD significance thresholds under all three analysis scenarios.

The maximum worker cancer risk would occur under the Future Year Cumulative (2045) scenario and is estimated to be 0.0480 in one million. The corresponding hazard index under this scenario would be 0.0018. Both values remain below the SCAQMD significance thresholds of 10 in one million and 1.0, respectively.

As a result, the project's health risk impact to the adjacent worker receptors is considered less than significant, and no mitigation measures are required.

Table 13 | Worker Health Risk Levels (Existing Year)

Sensitive Receptor	AERMOD Receptor ID	Cancer Risk (per one million)	Hazard Index
3	13	0.0092	0.0003
	14	0.0076	0.0003
	15	0.0080	0.0003
	16	0.0085	0.0003
	17	0.0030	0.0001
	18	0.0073	0.0003
	19	0.0076	0.0003
	20	0.0012	0.0000
Maximum Risk		0.0092	0.0003
SCAQMD Threshold		10	1
Exceeds Threshold?		No	No

Table 14 | Worker Health Risk Levels (Future Year 2045)

Sensitive Receptor	AERMOD Receptor ID	Cancer Risk (per one million)	Hazard Index
3	13	0.0220	0.0008
	14	0.0184	0.0007
	15	0.0196	0.0007
	16	0.0207	0.0008
	17	0.0072	0.0003
	18	0.0177	0.0007
	19	0.0185	0.0007
	20	0.0027	0.0001
Maximum Risk		0.0220	0.0008
SCAQMD Threshold		10	1
Exceeds Threshold?		No	No

Table 15 | Worker Health Risk Levels (Future Year Cumulative 2045)

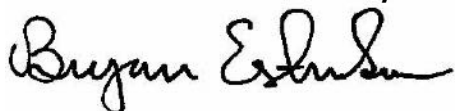
Sensitive Receptor	AERMOD Receptor ID	Cancer Risk (per one million)	Hazard Index
3	13	0.0480	0.0018
	14	0.0396	0.0015
	15	0.0417	0.0016
	16	0.0441	0.0017
	17	0.0157	0.0006
	18	0.0376	0.0014
	19	0.0393	0.0015
	20	0.0061	0.0002
Maximum Risk		0.0480	0.0018
SCAQMD Threshold		10	1
Exceeds Threshold?		No	No

CONCLUSION

RK Engineering Group, Inc., appreciates this opportunity to work with CADENCE ENVIRONMENTAL CONSULTANTS on this project. If you have any questions regarding this report, or need further clarification, please contact us at (949) 474-0809.

Sincerely,

RK ENGINEERING GROUP, INC.



Bryan Estrada, T. E.
Principal



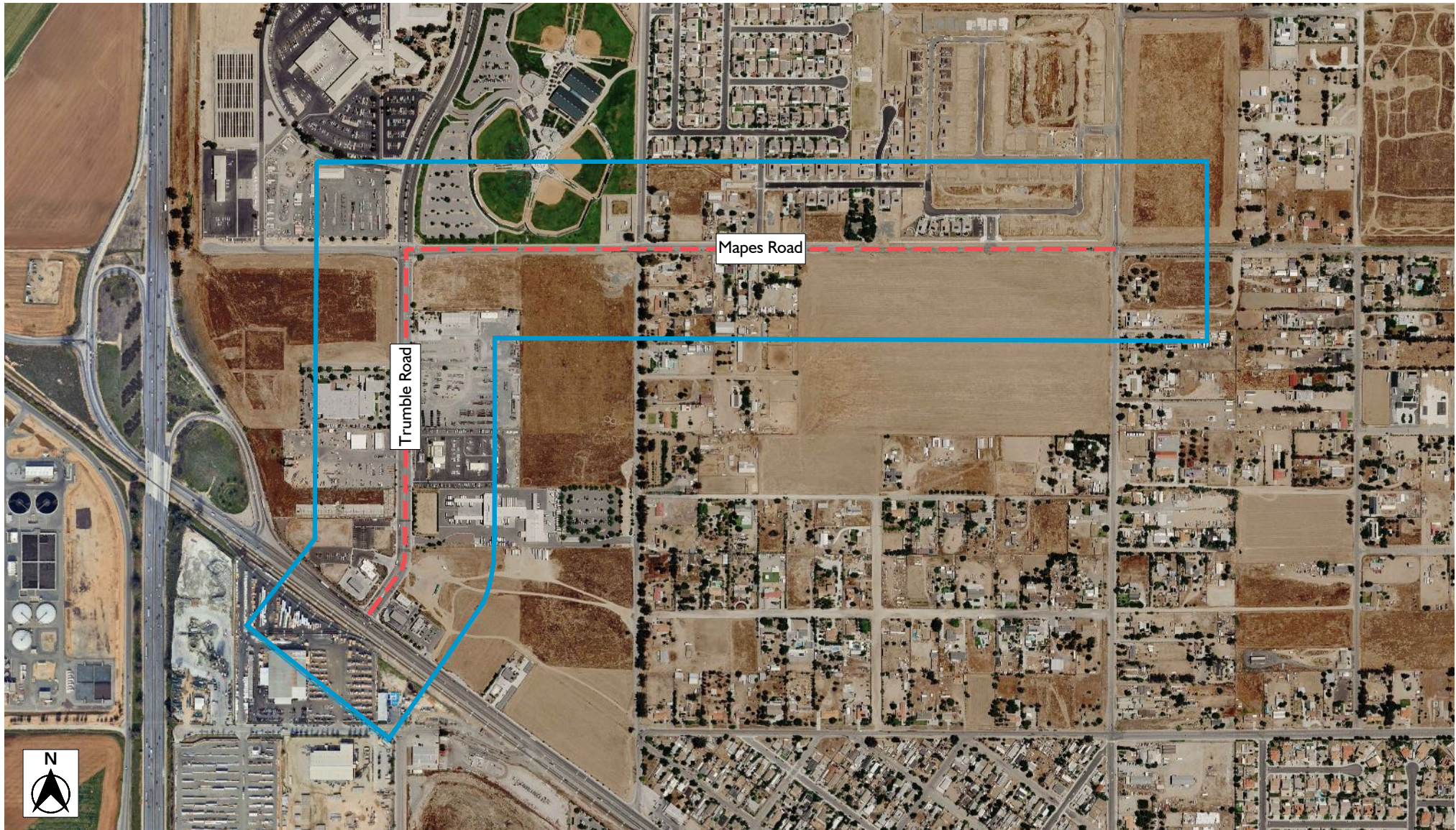
Becca Morrison
Planner III



Attachments



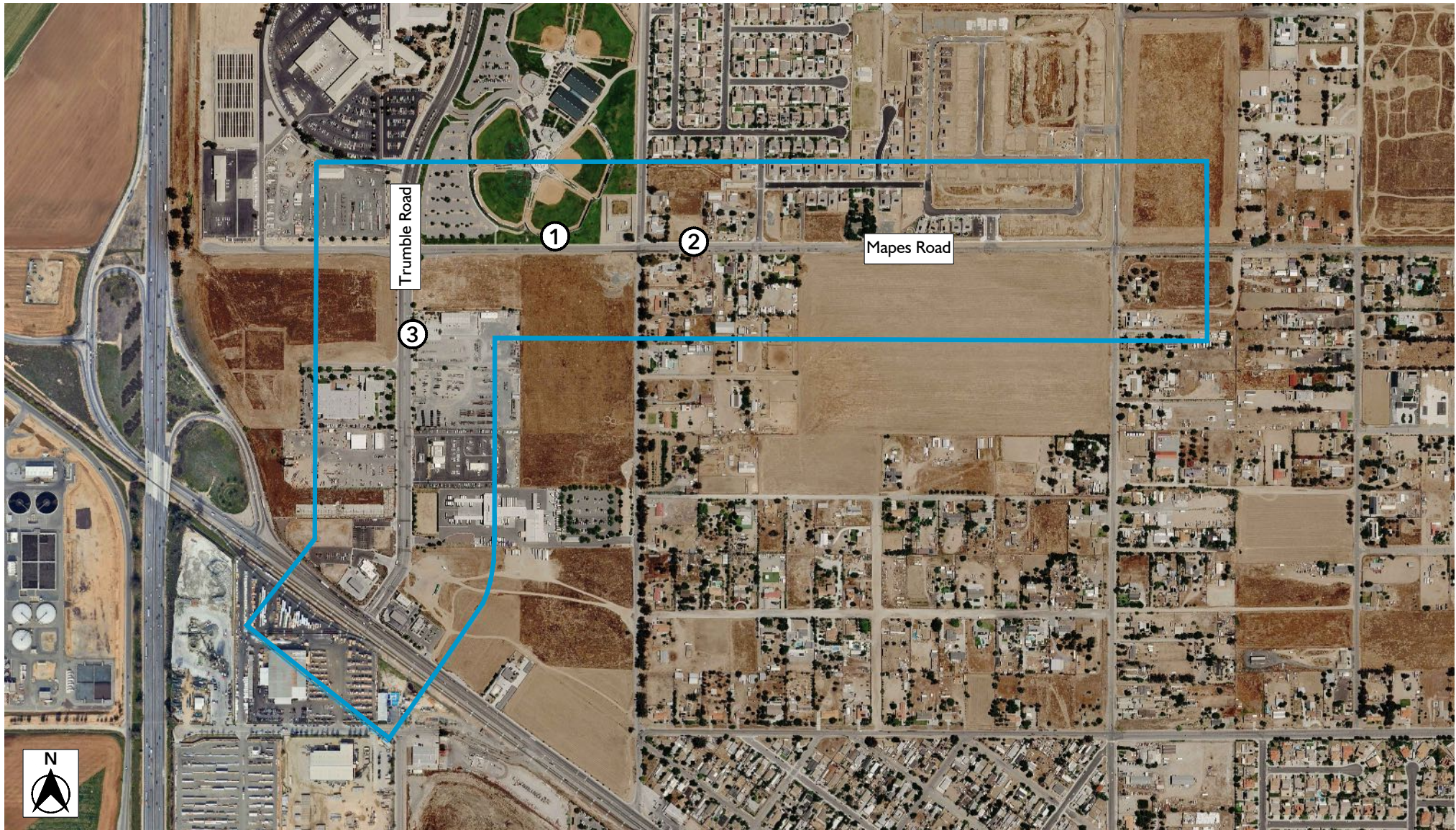
Exhibits



Legend

- = Study Roadway Segment
- = Study Area Boundary

Exhibit A Location Map

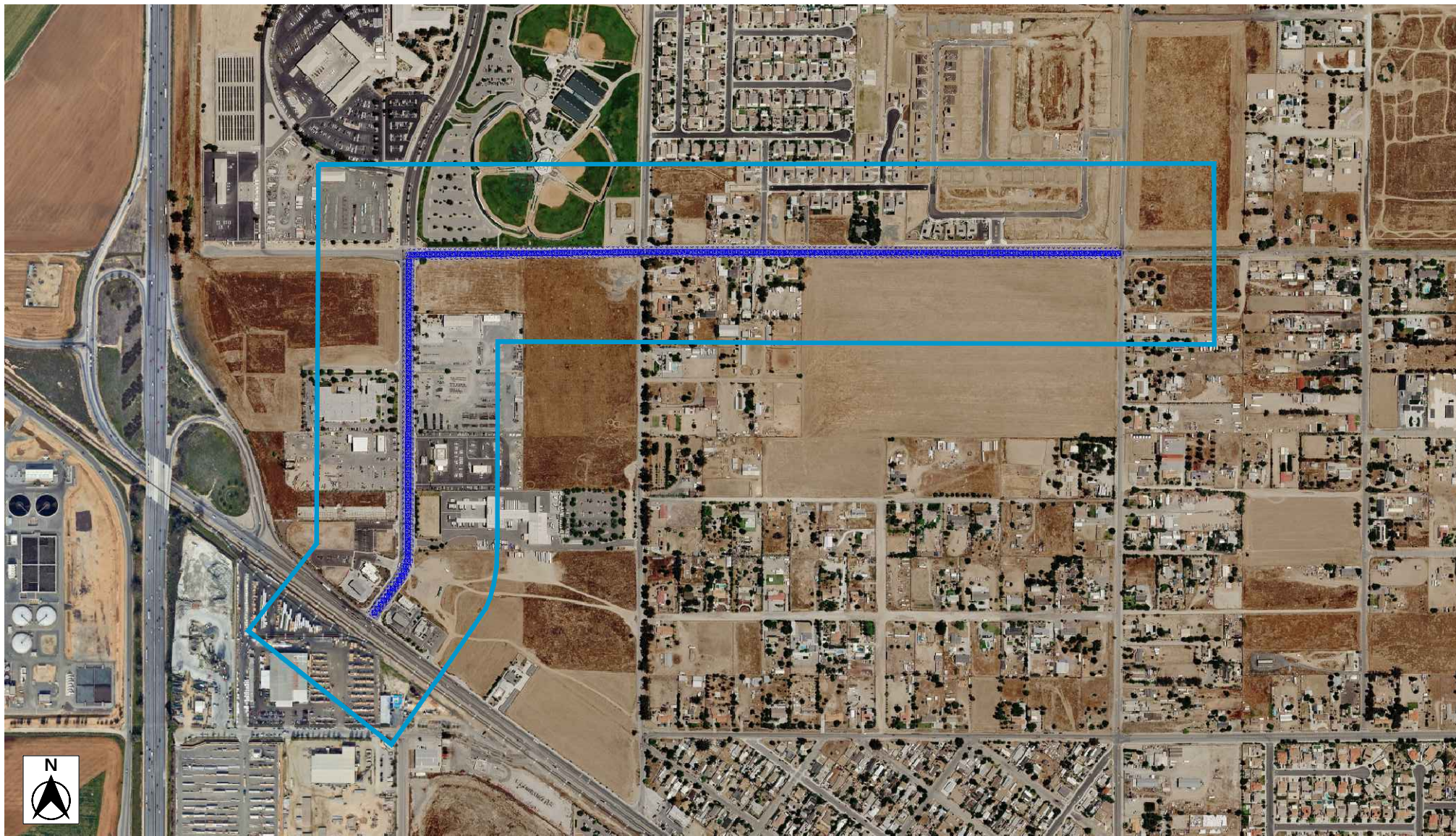


Legend

- ① = Sensitive Receptor Location
- = Study Area Boundary

Exhibit B

Sensitive Receptor Locations



Legend



= Roadway Emissions Source Locations



= Study Area Boundary

Exhibit C

Modeled Roadway Emissions Source Locations

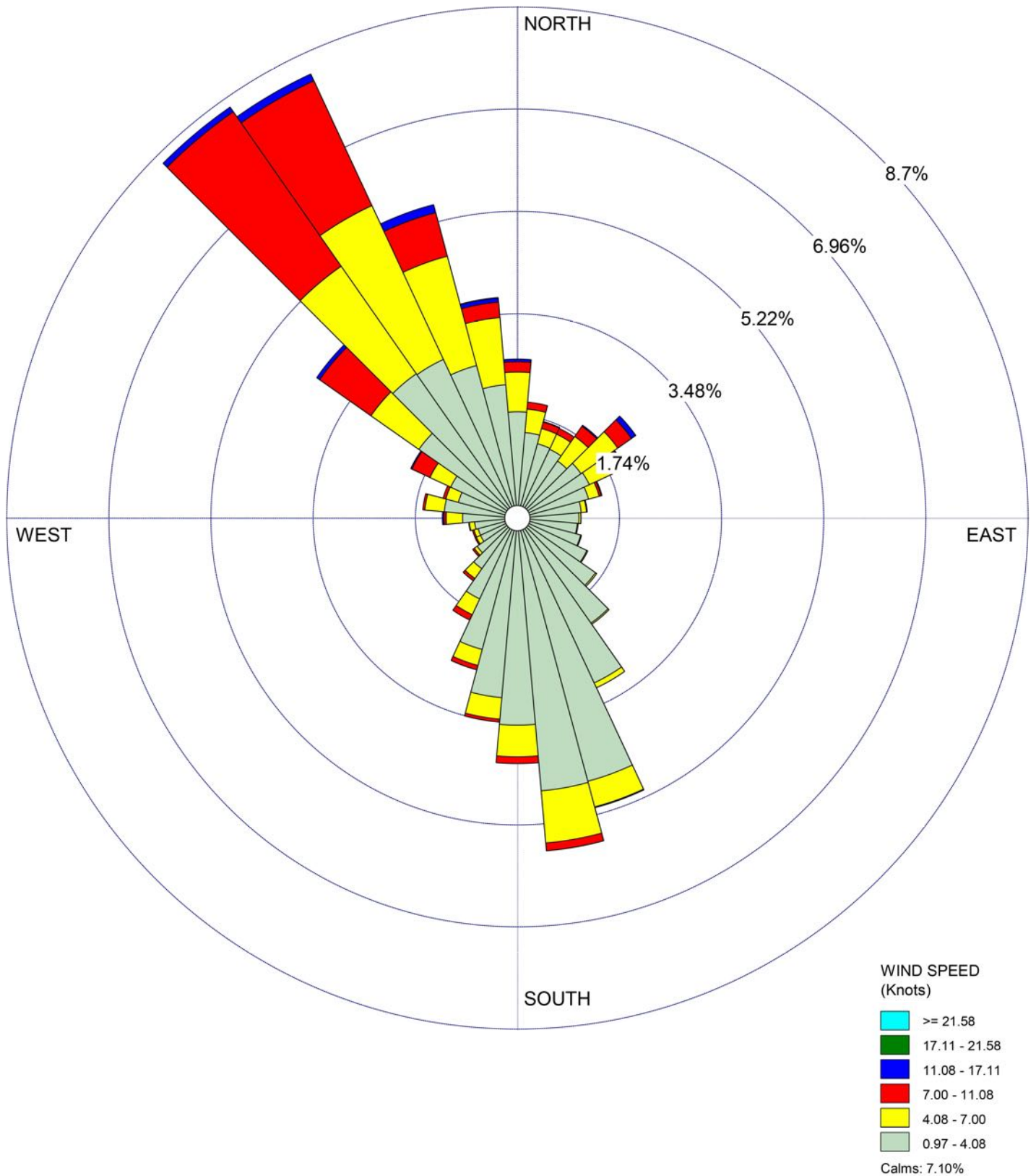
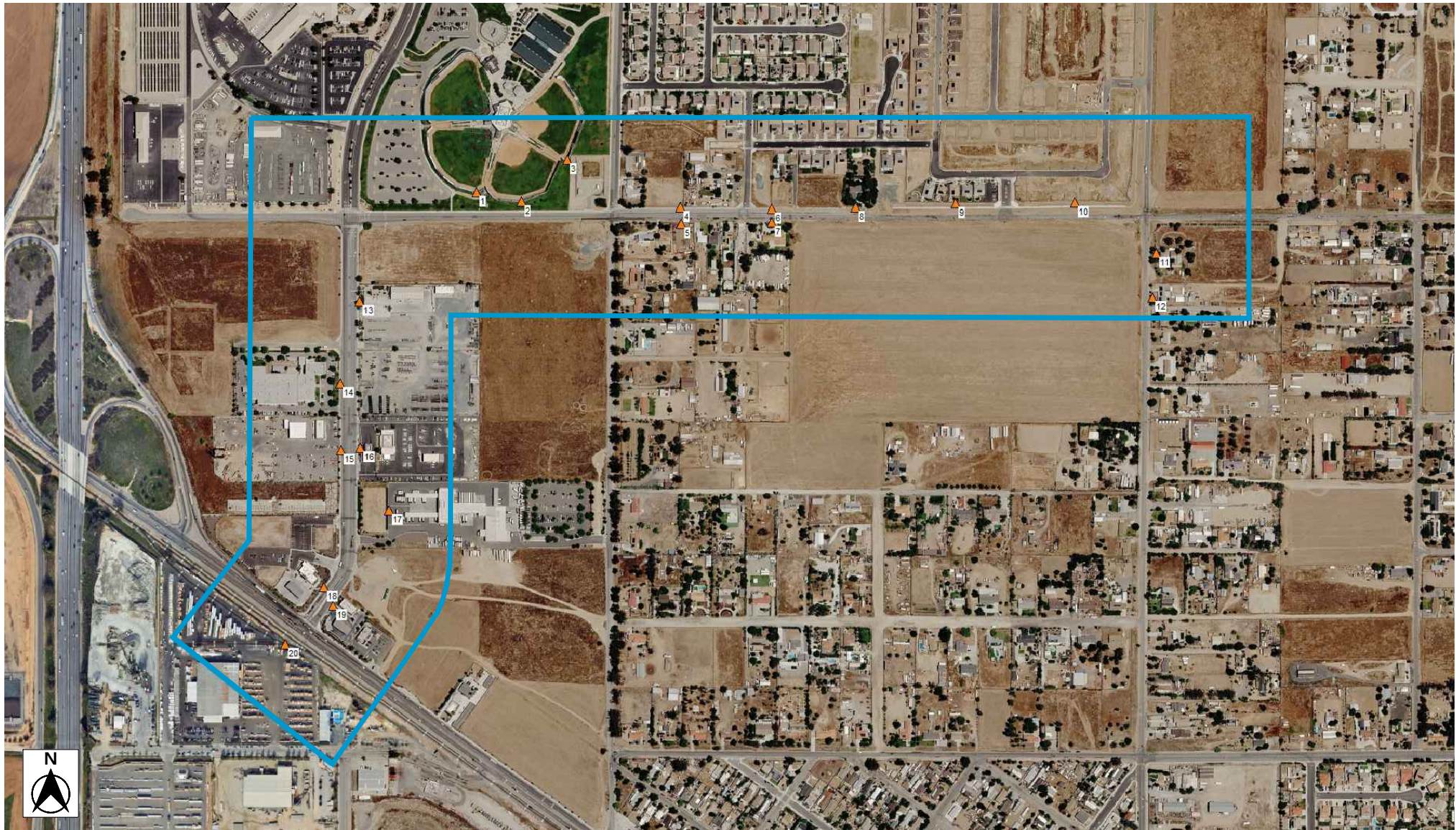


Exhibit D

Wind Rose Plot - Perris (PERI) Station

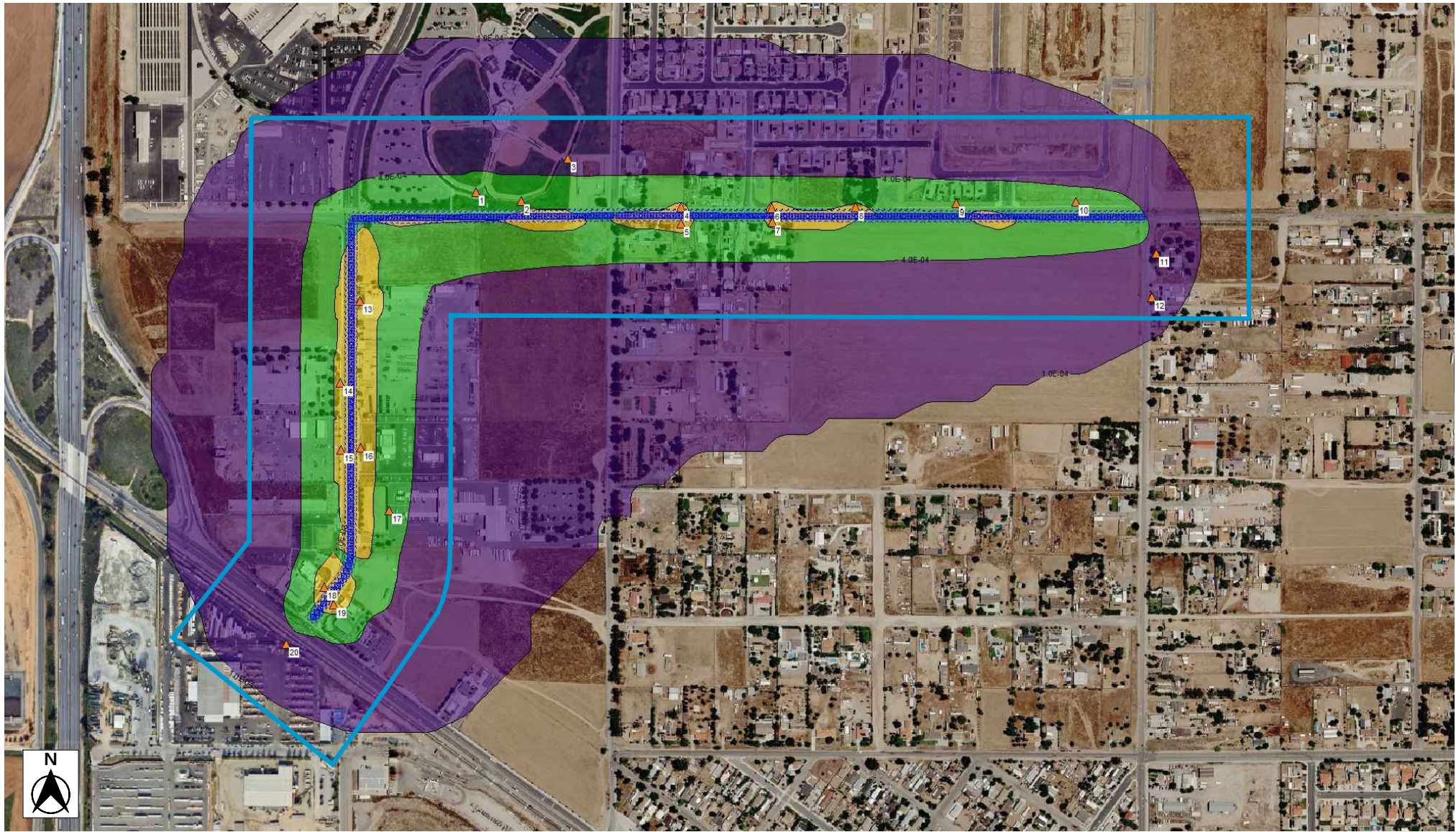


Legend

- ▲ = Receptor Location
- = Study Area Boundary

Exhibit E

Modeled Receptor Locations



Legend

- | | | | |
|-------------------------|---------------------|-------------------|---------------------|
| ▲ = Receptor Location | ■ = 0.0001 - 0.0004 | ■ = 0.001 - 0.003 | ■ = 0.006 and above |
| — = Study Area Boundary | ■ = 0.0004 - 0.001 | ■ = 0.003 - 0.006 | |

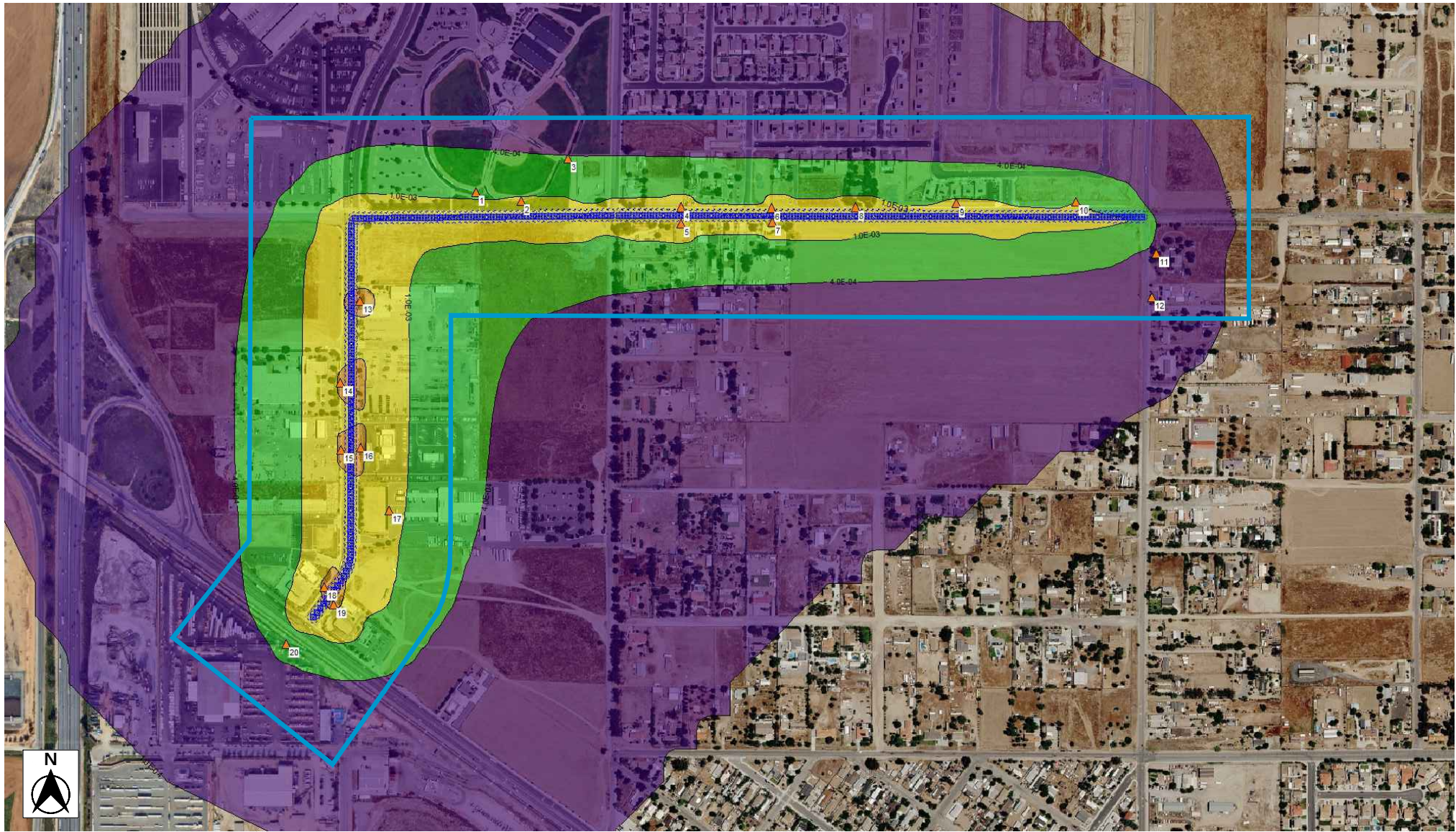
Exhibit F

Contour Map - Roadway Emissions Concentrations ($\mu\text{g}/\text{m}^3$) Existing Year (2025) Scenario

PERRIS TRUCK ROUTES PLAN UPDATE // CITY OF PERRIS
3337-2026-01



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Legend

- ▲ = Receptor Location
 = 0.0001 - 0.0004
 = 0.001 - 0.003
 = 0.006 and above
- = Study Area Boundary
 = 0.0004 - 0.001
 = 0.003 - 0.006

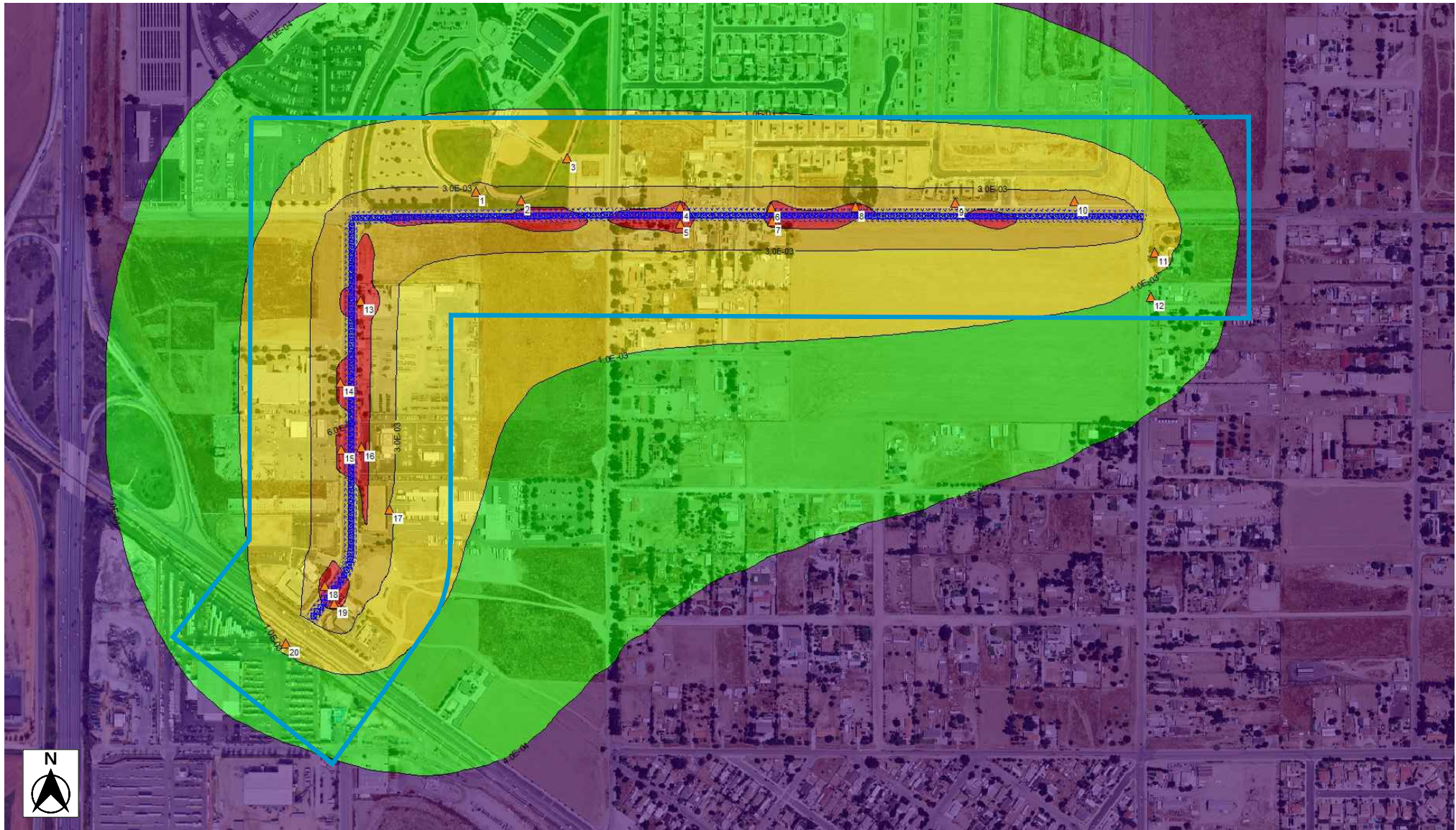
Exhibit G

Contour Map - Roadway Emissions Concentrations ($\mu\text{g}/\text{m}^3$) Future Year (2045) Scenario

PERRIS TRUCK ROUTES PLAN UPDATE // CITY OF PERRIS
3337-2026-01



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Legend

- ▲ = Receptor Location
 = 0.0001 - 0.0004
 = 0.001 - 0.003
 = 0.006 and above
- = Study Area Boundary
 = 0.0004 - 0.001
 = 0.003 - 0.006

Exhibit H

Contour Map - Roadway Emissions Concentrations ($\mu\text{g}/\text{m}^3$) Future Year Cumulative (2045) Scenario

PERRIS TRUCK ROUTES PLAN UPDATE // CITY OF PERRIS
3337-2026-01



Appendices



Appendix A

Emission Factors Calculation Worksheets

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Mapes Road (TA Segment 40; Trumble Road to Sherman Road)

Scenario

Year: 2025
 Pollutant: PM10 Running Exhaust
 Roadway: Mapes Road (Trumble Road to Sherman Road)
 Approximate Roadway Segment Length (m.): 396.9
 Posted Speed Limit (m.p.h.): 50

2025 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Mapes Road (Trumble Road to Sherman Road)	121	62	51.24%	59	48.76%	0	0.00%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	62
HHDT	
HHDT	59
All Vehicles	
Total	121

Vehicle Speed 1-Year Average DPM Emission Factor (2025)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	50	0.012986385
HHDT	50	0.012221542



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Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 396.9 meters
 0.25 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	0.12	1.40E-06
HHDT	0.18	2.06E-06
Total	0.30	3.46E-06

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Mapes Road (TA Segment 41; Sherman Road to Antelope Road)

Scenario

Year: 2025
 Pollutant: PM10 Running Exhaust
 Roadway: Mapes Road (Sherman Road to Antelope Road)
 Approximate Roadway Segment Length (m.): 801.0
 Posted Speed Limit (m.p.h.): 50

2025 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Mapes Road (Sherman Road to Antelope Road)	121	61	50.41%	60	49.59%	0	0.00%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	61
HHDT	
HHDT	60
All Vehicles	
Total	121

Vehicle Speed 1-Year Average DPM Emission Factor (2025)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	50	0.012986385
HHDT	50	0.012221542

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 801.0 meters
 0.50 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	0.24	2.78E-06
HHDT	0.36	4.22E-06
Total	0.60	7.00E-06

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Trumble Road (TA Segment 49; Mapes Road to SR-74)

Scenario

Year: 2025
 Pollutant: PM10 Running Exhaust
 Roadway: Trumble Road (Mapes Road to SR-74)
 Approximate Roadway Segment Length (m.): 620.3
 Posted Speed Limit (m.p.h.): 45

2025 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Trumble Road (Mapes Road to SR-74)	196	159	81.12%	35	17.86%	2	1.02%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	159
HHDT	
HHDT	37
All Vehicles	
Total	196

Vehicle Speed 1-Year Average DPM Emission Factor (2025)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	45	0.014255844
HHDT	45	0.009281724



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Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 620.3 meters
 0.39 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	0.53	6.15E-06
HHDT	0.13	1.53E-06
Total	0.66	7.68E-06

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Mapes Road (TA Segment 40; Trumble Road to Sherman Road)

Scenario

Year: 2045 (Baseline)
 Pollutant: PM10 Running Exhaust
 Roadway: Mapes Road (Trumble Road to Sherman Road)
 Approximate Roadway Segment Length (m.): 396.9
 Posted Speed Limit (m.p.h.): 50

2045 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Mapes Road (Trumble Road to Sherman Road)	225	114	50.67%	111	49.33%	0	0.00%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	114
HHDT	
HHDT	111
All Vehicles	
Total	225

Vehicle Speed 1-Year Average DPM Emission Factor (2045)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	50	0.010506764
HHDT	50	0.007953096



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Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 396.9 meters
 0.25 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	0.18	2.08E-06
HHDT	0.22	2.52E-06
Total	0.40	4.60E-06

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Mapes Road (TA Segment 41; Sherman Road to Antelope Road)

Scenario

Year: 2045 (Baseline)
 Pollutant: PM10 Running Exhaust
 Roadway: Mapes Road (Sherman Road to Antelope Road)
 Approximate Roadway Segment Length (m.): 801.0
 Posted Speed Limit (m.p.h.): 50

2045 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Mapes Road (Sherman Road to Antelope Road)	228	116	50.88%	112	49.12%	0	0.00%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	116
HHDT	
HHDT	112
All Vehicles	
Total	228

Vehicle Speed 1-Year Average DPM Emission Factor (2045)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	50	0.010506764
HHDT	50	0.007953096



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Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 801.0 meters
 0.50 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	0.37	4.27E-06
HHDT	0.44	5.13E-06
Total	0.81	9.40E-06

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Trumble Road (TA Segment 49; Mapes Road to SR-74)

Scenario

Year: 2045 (Baseline)
 Pollutant: PM10 Running Exhaust
 Roadway: Trumble Road (Mapes Road to SR-74)
 Approximate Roadway Segment Length (m.): 620.3
 Posted Speed Limit (m.p.h.): 45

2045 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Trumble Road (Mapes Road to SR-74)	622	506	81.35%	110	17.68%	6	0.96%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	506
HHDT	
HHDT	116
All Vehicles	
Total	622

Vehicle Speed 1-Year Average DPM Emission Factor (2045)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	45	0.01161494
HHDT	45	0.005825011

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 620.3 meters
 0.39 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	1.38	1.59E-05
HHDT	0.26	3.01E-06
Total	1.64	1.90E-05

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Mapes Road (TA Segment 40; Trumble Road to Sherman Road)

Scenario

Year: 2045 (Cumulative)
 Pollutant: PM10 Running Exhaust
 Roadway: Mapes Road (Trumble Road to Sherman Road)
 Approximate Roadway Segment Length (m.): 396.9
 Posted Speed Limit (m.p.h.): 50

2045 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Mapes Road (Trumble Road to Sherman Road)	1,049	534	50.91%	515	49.09%	0	0.00%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	534
HHDT	
HHDT	515
All Vehicles	
Total	1,049

Vehicle Speed 1-Year Average DPM Emission Factor (2045)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	50	0.010506764
HHDT	50	0.007953096

Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 396.9 meters
 0.25 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	0.84	9.74E-06
HHDT	1.01	1.17E-05
Total	1.85	2.14E-05

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Mapes Road (TA Segment 41; Sherman Road to Antelope Road)

Scenario

Year: 2045 (Cumulative)
 Pollutant: PM10 Running Exhaust
 Roadway: Mapes Road (Sherman Road to Antelope Road)
 Approximate Roadway Segment Length (m.): 801.0
 Posted Speed Limit (m.p.h.): 50

2045 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Mapes Road (Sherman Road to Antelope Road)	1,054	536	50.85%	518	49.15%	0	0.00%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	536
HHDT	
HHDT	518
All Vehicles	
Total	1,054

Vehicle Speed 1-Year Average DPM Emission Factor (2045)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	50	0.010506764
HHDT	50	0.007953096



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Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 801.0 meters
 0.50 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	1.71	1.97E-05
HHDT	2.05	2.37E-05
Total	3.75	4.35E-05

Perris Truck Routes Plan Update

Estimation of DPM Emissions Along Trumble Road (TA Segment 49; Mapes Road to SR-74)

Scenario

Year: 2045 (Baseline)
 Pollutant: PM10 Running Exhaust
 Roadway: Trumble Road (Mapes Road to SR-74)
 Approximate Roadway Segment Length (m.): 620.3
 Posted Speed Limit (m.p.h.): 45

2045 Project Only Volumes

Roadway Segment	ADT (4+ Axle Trucks Only)	Truck % Breakdown					
		4 Axle		5 Axle		6+ Axle	
		Amount	% of Total	Amount	% of Total	Amount	% of Total
Trumble Road (Mapes Road to SR-74)	1,302	1,060	81.41%	230	17.67%	12	0.92%

Vehicle Mix Definitions

4 Axle Trucks = LHDT2
 5+ Axle Trucks = HHDT

Fleet Mix

Vehicle Type	Daily Trips
LHD	
LHD2	1,060
HHDT	
HHDT	242
All Vehicles	
Total	1,302

Vehicle Speed 1-Year Average DPM Emission Factor (2045)

Vehicle Type	Speed (m.p.h.)	Emission Factor (g/mile)
LHDT2	45	0.01161494
HHDT	45	0.005825011



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Vehicle Emissions

Vehicle Emissions = Emission Factor (g/mile) x Miles/Trip x Trips/Day

Approximate Roadway Segment Length: 620.3 meters
 0.39 miles

It is assumed that traffic is uniformly distributed during the day over an annual period.

Vehicle Type	Daily Emissions (g/day)	Hourly Emissions (g/sec)
LHDT2	2.89	3.34E-05
HHDT	0.54	6.29E-06
Total	3.43	3.97E-05



Appendix B

AERMOD Output Sheets

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.1.0
** Lakes Environmental Software Inc.
** Date: 7/14/2026
** File: J:\AER\Perris_2025.025\Perris_2025.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE J:\AER\Perris_2025.025\Perris_2025.isc
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2492442
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL Perris_2025.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 = SLINE40
** DESCRSRC TA Segment 40: Mapes Road (Trumble to Sherman)
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.4556E-06
```

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 2

** 482891.210, 3735293.857, 433.33, 3.49, 4.00

** 483288.133, 3735298.271, 435.53, 3.49, 4.00

** -----

LOCATION L0000001	VOLUME	482895.505	3735293.905	433.36
LOCATION L0000002	VOLUME	482904.094	3735294.000	433.39
LOCATION L0000003	VOLUME	482912.683	3735294.096	433.48
LOCATION L0000004	VOLUME	482921.273	3735294.191	433.59
LOCATION L0000005	VOLUME	482929.862	3735294.287	433.69
LOCATION L0000006	VOLUME	482938.452	3735294.382	433.75
LOCATION L0000007	VOLUME	482947.041	3735294.478	433.81
LOCATION L0000008	VOLUME	482955.631	3735294.573	433.86
LOCATION L0000009	VOLUME	482964.220	3735294.669	433.91
LOCATION L0000010	VOLUME	482972.810	3735294.764	433.95
LOCATION L0000011	VOLUME	482981.399	3735294.860	434.00
LOCATION L0000012	VOLUME	482989.989	3735294.955	434.05
LOCATION L0000013	VOLUME	482998.578	3735295.051	434.09
LOCATION L0000014	VOLUME	483007.168	3735295.147	434.13
LOCATION L0000015	VOLUME	483015.757	3735295.242	434.17
LOCATION L0000016	VOLUME	483024.347	3735295.338	434.20
LOCATION L0000017	VOLUME	483032.936	3735295.433	434.24
LOCATION L0000018	VOLUME	483041.526	3735295.529	434.27
LOCATION L0000019	VOLUME	483050.115	3735295.624	434.29
LOCATION L0000020	VOLUME	483058.704	3735295.720	434.31
LOCATION L0000021	VOLUME	483067.294	3735295.815	434.33
LOCATION L0000022	VOLUME	483075.883	3735295.911	434.35
LOCATION L0000023	VOLUME	483084.473	3735296.006	434.37
LOCATION L0000024	VOLUME	483093.062	3735296.102	434.40
LOCATION L0000025	VOLUME	483101.652	3735296.197	434.44
LOCATION L0000026	VOLUME	483110.241	3735296.293	434.47
LOCATION L0000027	VOLUME	483118.831	3735296.388	434.53
LOCATION L0000028	VOLUME	483127.420	3735296.484	434.58
LOCATION L0000029	VOLUME	483136.010	3735296.579	434.64
LOCATION L0000030	VOLUME	483144.599	3735296.675	434.70
LOCATION L0000031	VOLUME	483153.189	3735296.770	434.75
LOCATION L0000032	VOLUME	483161.778	3735296.866	434.81
LOCATION L0000033	VOLUME	483170.368	3735296.961	434.83
LOCATION L0000034	VOLUME	483178.957	3735297.057	434.85
LOCATION L0000035	VOLUME	483187.546	3735297.152	434.87
LOCATION L0000036	VOLUME	483196.136	3735297.248	434.90

LOCATION L0000037	VOLUME	483204.725	3735297.343	434.93
LOCATION L0000038	VOLUME	483213.315	3735297.439	434.96
LOCATION L0000039	VOLUME	483221.904	3735297.534	435.04
LOCATION L0000040	VOLUME	483230.494	3735297.630	435.12
LOCATION L0000041	VOLUME	483239.083	3735297.725	435.21
LOCATION L0000042	VOLUME	483247.673	3735297.821	435.28
LOCATION L0000043	VOLUME	483256.262	3735297.917	435.34
LOCATION L0000044	VOLUME	483264.852	3735298.012	435.41
LOCATION L0000045	VOLUME	483273.441	3735298.108	435.45
LOCATION L0000046	VOLUME	483282.031	3735298.203	435.49

** End of LINE VOLUME Source ID = SLINE40

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE41

** DESCRSRC TA Segment 41: Mapes Road (Sherman to Antelope)

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 6.9987E-06

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 2

** 483291.040, 3735298.290, 435.52, 3.49, 4.00

** 484091.996, 3735296.014, 443.86, 3.49, 4.00

** -----

LOCATION L0000047	VOLUME	483295.335	3735298.278	435.56
LOCATION L0000048	VOLUME	483303.925	3735298.253	435.66
LOCATION L0000049	VOLUME	483312.515	3735298.229	435.75
LOCATION L0000050	VOLUME	483321.105	3735298.204	435.84
LOCATION L0000051	VOLUME	483329.695	3735298.180	435.90
LOCATION L0000052	VOLUME	483338.285	3735298.155	435.96
LOCATION L0000053	VOLUME	483346.875	3735298.131	436.02
LOCATION L0000054	VOLUME	483355.465	3735298.107	436.09
LOCATION L0000055	VOLUME	483364.055	3735298.082	436.16
LOCATION L0000056	VOLUME	483372.645	3735298.058	436.22
LOCATION L0000057	VOLUME	483381.235	3735298.033	436.28
LOCATION L0000058	VOLUME	483389.825	3735298.009	436.34
LOCATION L0000059	VOLUME	483398.415	3735297.985	436.41
LOCATION L0000060	VOLUME	483407.005	3735297.960	436.47
LOCATION L0000061	VOLUME	483415.595	3735297.936	436.54
LOCATION L0000062	VOLUME	483424.185	3735297.911	436.61
LOCATION L0000063	VOLUME	483432.775	3735297.887	436.67

LOCATION L0000064	VOLUME	483441.364	3735297.863	436.73
LOCATION L0000065	VOLUME	483449.954	3735297.838	436.80
LOCATION L0000066	VOLUME	483458.544	3735297.814	436.85
LOCATION L0000067	VOLUME	483467.134	3735297.789	436.91
LOCATION L0000068	VOLUME	483475.724	3735297.765	436.97
LOCATION L0000069	VOLUME	483484.314	3735297.741	437.03
LOCATION L0000070	VOLUME	483492.904	3735297.716	437.09
LOCATION L0000071	VOLUME	483501.494	3735297.692	437.17
LOCATION L0000072	VOLUME	483510.084	3735297.667	437.25
LOCATION L0000073	VOLUME	483518.674	3735297.643	437.34
LOCATION L0000074	VOLUME	483527.264	3735297.619	437.41
LOCATION L0000075	VOLUME	483535.854	3735297.594	437.46
LOCATION L0000076	VOLUME	483544.444	3735297.570	437.51
LOCATION L0000077	VOLUME	483553.034	3735297.545	437.57
LOCATION L0000078	VOLUME	483561.624	3735297.521	437.65
LOCATION L0000079	VOLUME	483570.214	3735297.497	437.73
LOCATION L0000080	VOLUME	483578.804	3735297.472	437.81
LOCATION L0000081	VOLUME	483587.394	3735297.448	437.89
LOCATION L0000082	VOLUME	483595.984	3735297.423	437.97
LOCATION L0000083	VOLUME	483604.574	3735297.399	438.05
LOCATION L0000084	VOLUME	483613.164	3735297.375	438.15
LOCATION L0000085	VOLUME	483621.754	3735297.350	438.25
LOCATION L0000086	VOLUME	483630.344	3735297.326	438.34
LOCATION L0000087	VOLUME	483638.934	3735297.301	438.44
LOCATION L0000088	VOLUME	483647.524	3735297.277	438.54
LOCATION L0000089	VOLUME	483656.114	3735297.252	438.64
LOCATION L0000090	VOLUME	483664.704	3735297.228	438.75
LOCATION L0000091	VOLUME	483673.294	3735297.204	438.85
LOCATION L0000092	VOLUME	483681.884	3735297.179	438.98
LOCATION L0000093	VOLUME	483690.473	3735297.155	439.12
LOCATION L0000094	VOLUME	483699.063	3735297.130	439.27
LOCATION L0000095	VOLUME	483707.653	3735297.106	439.38
LOCATION L0000096	VOLUME	483716.243	3735297.082	439.48
LOCATION L0000097	VOLUME	483724.833	3735297.057	439.57
LOCATION L0000098	VOLUME	483733.423	3735297.033	439.67
LOCATION L0000099	VOLUME	483742.013	3735297.008	439.77
LOCATION L0000100	VOLUME	483750.603	3735296.984	439.88
LOCATION L0000101	VOLUME	483759.193	3735296.960	439.98
LOCATION L0000102	VOLUME	483767.783	3735296.935	440.08
LOCATION L0000103	VOLUME	483776.373	3735296.911	440.18
LOCATION L0000104	VOLUME	483784.963	3735296.886	440.28
LOCATION L0000105	VOLUME	483793.553	3735296.862	440.38
LOCATION L0000106	VOLUME	483802.143	3735296.838	440.48

LOCATION L0000107	VOLUME	483810.733	3735296.813	440.57
LOCATION L0000108	VOLUME	483819.323	3735296.789	440.67
LOCATION L0000109	VOLUME	483827.913	3735296.764	440.77
LOCATION L0000110	VOLUME	483836.503	3735296.740	440.86
LOCATION L0000111	VOLUME	483845.093	3735296.716	440.96
LOCATION L0000112	VOLUME	483853.683	3735296.691	441.05
LOCATION L0000113	VOLUME	483862.273	3735296.667	441.14
LOCATION L0000114	VOLUME	483870.863	3735296.642	441.23
LOCATION L0000115	VOLUME	483879.453	3735296.618	441.31
LOCATION L0000116	VOLUME	483888.043	3735296.594	441.40
LOCATION L0000117	VOLUME	483896.633	3735296.569	441.49
LOCATION L0000118	VOLUME	483905.223	3735296.545	441.58
LOCATION L0000119	VOLUME	483913.813	3735296.520	441.67
LOCATION L0000120	VOLUME	483922.403	3735296.496	441.76
LOCATION L0000121	VOLUME	483930.993	3735296.472	441.86
LOCATION L0000122	VOLUME	483939.582	3735296.447	441.95
LOCATION L0000123	VOLUME	483948.172	3735296.423	442.05
LOCATION L0000124	VOLUME	483956.762	3735296.398	442.15
LOCATION L0000125	VOLUME	483965.352	3735296.374	442.24
LOCATION L0000126	VOLUME	483973.942	3735296.349	442.34
LOCATION L0000127	VOLUME	483982.532	3735296.325	442.43
LOCATION L0000128	VOLUME	483991.122	3735296.301	442.53
LOCATION L0000129	VOLUME	483999.712	3735296.276	442.63
LOCATION L0000130	VOLUME	484008.302	3735296.252	442.73
LOCATION L0000131	VOLUME	484016.892	3735296.227	442.84
LOCATION L0000132	VOLUME	484025.482	3735296.203	442.94
LOCATION L0000133	VOLUME	484034.072	3735296.179	443.05
LOCATION L0000134	VOLUME	484042.662	3735296.154	443.15
LOCATION L0000135	VOLUME	484051.252	3735296.130	443.26
LOCATION L0000136	VOLUME	484059.842	3735296.105	443.37
LOCATION L0000137	VOLUME	484068.432	3735296.081	443.50
LOCATION L0000138	VOLUME	484077.022	3735296.057	443.65
LOCATION L0000139	VOLUME	484085.612	3735296.032	443.80

** End of LINE VOLUME Source ID = SLINE41

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE49

** DESCRSRC TA Segment 49: Trumble Road (Mapes to SR-74)

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 7.6825E-06

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 6

** 482890.385, 3735286.712, 433.33, 3.49, 4.00

** 482888.990, 3734792.872, 434.65, 3.49, 4.00

** 482888.219, 3734776.215, 434.67, 3.49, 4.00

** 482883.747, 3734762.026, 434.70, 3.49, 4.00

** 482877.886, 3734749.842, 434.74, 3.49, 4.00

** 482829.071, 3734684.659, 434.49, 3.49, 4.00

** -----

LOCATION L0000140	VOLUME	482890.373	3735282.417	433.34
LOCATION L0000141	VOLUME	482890.349	3735273.827	433.34
LOCATION L0000142	VOLUME	482890.325	3735265.237	433.37
LOCATION L0000143	VOLUME	482890.300	3735256.647	433.45
LOCATION L0000144	VOLUME	482890.276	3735248.057	433.53
LOCATION L0000145	VOLUME	482890.252	3735239.467	433.61
LOCATION L0000146	VOLUME	482890.228	3735230.877	433.66
LOCATION L0000147	VOLUME	482890.203	3735222.287	433.70
LOCATION L0000148	VOLUME	482890.179	3735213.697	433.74
LOCATION L0000149	VOLUME	482890.155	3735205.107	433.77
LOCATION L0000150	VOLUME	482890.130	3735196.517	433.77
LOCATION L0000151	VOLUME	482890.106	3735187.927	433.78
LOCATION L0000152	VOLUME	482890.082	3735179.337	433.78
LOCATION L0000153	VOLUME	482890.058	3735170.747	433.79
LOCATION L0000154	VOLUME	482890.033	3735162.157	433.81
LOCATION L0000155	VOLUME	482890.009	3735153.567	433.82
LOCATION L0000156	VOLUME	482889.985	3735144.977	433.84
LOCATION L0000157	VOLUME	482889.961	3735136.387	433.86
LOCATION L0000158	VOLUME	482889.936	3735127.797	433.88
LOCATION L0000159	VOLUME	482889.912	3735119.207	433.91
LOCATION L0000160	VOLUME	482889.888	3735110.617	433.93
LOCATION L0000161	VOLUME	482889.864	3735102.027	433.95
LOCATION L0000162	VOLUME	482889.839	3735093.437	433.98
LOCATION L0000163	VOLUME	482889.815	3735084.847	434.00
LOCATION L0000164	VOLUME	482889.791	3735076.257	434.04
LOCATION L0000165	VOLUME	482889.767	3735067.667	434.07
LOCATION L0000166	VOLUME	482889.742	3735059.077	434.11
LOCATION L0000167	VOLUME	482889.718	3735050.487	434.14
LOCATION L0000168	VOLUME	482889.694	3735041.897	434.16
LOCATION L0000169	VOLUME	482889.669	3735033.308	434.17
LOCATION L0000170	VOLUME	482889.645	3735024.718	434.19
LOCATION L0000171	VOLUME	482889.621	3735016.128	434.20
LOCATION L0000172	VOLUME	482889.597	3735007.538	434.21

LOCATION L0000173	VOLUME	482889.572	3734998.948	434.23
LOCATION L0000174	VOLUME	482889.548	3734990.358	434.24
LOCATION L0000175	VOLUME	482889.524	3734981.768	434.26
LOCATION L0000176	VOLUME	482889.500	3734973.178	434.29
LOCATION L0000177	VOLUME	482889.475	3734964.588	434.31
LOCATION L0000178	VOLUME	482889.451	3734955.998	434.33
LOCATION L0000179	VOLUME	482889.427	3734947.408	434.36
LOCATION L0000180	VOLUME	482889.403	3734938.818	434.39
LOCATION L0000181	VOLUME	482889.378	3734930.228	434.41
LOCATION L0000182	VOLUME	482889.354	3734921.638	434.44
LOCATION L0000183	VOLUME	482889.330	3734913.048	434.46
LOCATION L0000184	VOLUME	482889.306	3734904.458	434.48
LOCATION L0000185	VOLUME	482889.281	3734895.868	434.51
LOCATION L0000186	VOLUME	482889.257	3734887.278	434.54
LOCATION L0000187	VOLUME	482889.233	3734878.688	434.57
LOCATION L0000188	VOLUME	482889.209	3734870.098	434.61
LOCATION L0000189	VOLUME	482889.184	3734861.508	434.63
LOCATION L0000190	VOLUME	482889.160	3734852.918	434.64
LOCATION L0000191	VOLUME	482889.136	3734844.328	434.66
LOCATION L0000192	VOLUME	482889.111	3734835.738	434.67
LOCATION L0000193	VOLUME	482889.087	3734827.148	434.67
LOCATION L0000194	VOLUME	482889.063	3734818.558	434.67
LOCATION L0000195	VOLUME	482889.039	3734809.968	434.67
LOCATION L0000196	VOLUME	482889.014	3734801.378	434.68
LOCATION L0000197	VOLUME	482888.987	3734792.789	434.69
LOCATION L0000198	VOLUME	482888.589	3734784.208	434.70
LOCATION L0000199	VOLUME	482888.042	3734775.654	434.71
LOCATION L0000200	VOLUME	482885.460	3734767.461	434.73
LOCATION L0000201	VOLUME	482882.493	3734759.420	434.73
LOCATION L0000202	VOLUME	482878.770	3734751.679	434.72
LOCATION L0000203	VOLUME	482873.959	3734744.598	434.69
LOCATION L0000204	VOLUME	482868.810	3734737.723	434.69
LOCATION L0000205	VOLUME	482863.661	3734730.847	434.68
LOCATION L0000206	VOLUME	482858.511	3734723.971	434.65
LOCATION L0000207	VOLUME	482853.362	3734717.096	434.62
LOCATION L0000208	VOLUME	482848.213	3734710.220	434.62
LOCATION L0000209	VOLUME	482843.064	3734703.344	434.61
LOCATION L0000210	VOLUME	482837.915	3734696.469	434.58
LOCATION L0000211	VOLUME	482832.766	3734689.593	434.54

** End of LINE VOLUME Source ID = SLINE49

** Source Parameters **

** LINE VOLUME Source ID = SLINE40

SRCPARAM L0000001	0.00000007512	3.49	4.00	1.62
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[illegible]

SRCPARAM L0000045	0.00000007512	3.49	4.00	1.62
SRCPARAM L0000046	0.00000007512	3.49	4.00	1.62

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** LINE VOLUME Source ID = SLINE41

SRCPARAM L0000047	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000048	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000049	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000050	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000051	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000052	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000053	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000054	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000055	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000056	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000057	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000058	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000059	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000060	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000061	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000062	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000063	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000064	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000065	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000066	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000067	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000068	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000069	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000070	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000071	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000072	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000073	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000074	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000075	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000076	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000077	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000078	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000079	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000080	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000081	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000082	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000083	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000084	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000085	0.00000007526	3.49	4.00	1.62

[illegible]

SRCPARAM L0000129	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000130	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000131	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000132	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000133	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000134	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000135	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000136	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000137	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000138	0.00000007526	3.49	4.00	1.62
SRCPARAM L0000139	0.00000007526	3.49	4.00	1.62

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** LINE VOLUME Source ID = SLINE49

SRCPARAM L0000140	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000141	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000142	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000143	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000144	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000145	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000146	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000147	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000148	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000149	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000150	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000151	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000152	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000153	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000154	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000155	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000156	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000157	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000158	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000159	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000160	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000161	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000162	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000163	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000164	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000165	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000166	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000167	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000168	0.0000001067	3.49	4.00	1.62
SRCPARAM L0000169	0.0000001067	3.49	4.00	1.62

[illegible]

URBANSRC ALL
SRCGROUP ALL
SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED Perris_2025.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.sfc"

PROFFILE "O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.PFL"

SURFDATA 3171 2016

UAIRDATA 3190 2016

SITEDATA 60656001 2016

PROFBASE 442.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

** Auto-Generated Plotfiles

PLOTFILE PERIOD ALL Perris_2025.AD\PE00GALL.PLT 31

SUMMFILE Perris_2025.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 542 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 542 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

*** 07/14/26

*** AERMET - VERSION 22112 *** **

*** 11:10:09

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 211 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 2492442.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 211 Source(s); 1 Source Group(s); and 1370 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 211 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

****The AERMET Input Meteorological Data Version Date: 22112**

****Output Options Selected:**

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

****NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours**

m for Missing Hours

b for Both Calm and Missing Hours

****Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0**

Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

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

****Input Runstream File: aermod.inp**

****Output Print File: aermod.out**

****Detailed Error/Message File: Perris_2025.err**

****File for Summary of Results: Perris_2025.sum**

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

*** 07/14/26

*** AERMET - VERSION 22112 *** **

*** 11:10:09

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000001	0	0.75120E-07	482895.5	3735293.9	433.4	3.49	4.00	1.62	YES NO
L0000002	0	0.75120E-07	482904.1	3735294.0	433.4	3.49	4.00	1.62	YES NO
L0000003	0	0.75120E-07	482912.7	3735294.1	433.5	3.49	4.00	1.62	YES NO
L0000004	0	0.75120E-07	482921.3	3735294.2	433.6	3.49	4.00	1.62	YES NO
L0000005	0	0.75120E-07	482929.9	3735294.3	433.7	3.49	4.00	1.62	YES NO
L0000006	0	0.75120E-07	482938.5	3735294.4	433.8	3.49	4.00	1.62	YES NO
L0000007	0	0.75120E-07	482947.0	3735294.5	433.8	3.49	4.00	1.62	YES NO
L0000008	0	0.75120E-07	482955.6	3735294.6	433.9	3.49	4.00	1.62	YES NO
L0000009	0	0.75120E-07	482964.2	3735294.7	433.9	3.49	4.00	1.62	YES NO
L0000010	0	0.75120E-07	482972.8	3735294.8	433.9	3.49	4.00	1.62	YES NO
L0000011	0	0.75120E-07	482981.4	3735294.9	434.0	3.49	4.00	1.62	YES NO
L0000012	0	0.75120E-07	482990.0	3735295.0	434.1	3.49	4.00	1.62	YES NO
L0000013	0	0.75120E-07	482998.6	3735295.1	434.1	3.49	4.00	1.62	YES NO
L0000014	0	0.75120E-07	483007.2	3735295.1	434.1	3.49	4.00	1.62	YES NO
L0000015	0	0.75120E-07	483015.8	3735295.2	434.2	3.49	4.00	1.62	YES NO
L0000016	0	0.75120E-07	483024.3	3735295.3	434.2	3.49	4.00	1.62	YES NO
L0000017	0	0.75120E-07	483032.9	3735295.4	434.2	3.49	4.00	1.62	YES NO
L0000018	0	0.75120E-07	483041.5	3735295.5	434.3	3.49	4.00	1.62	YES NO
L0000019	0	0.75120E-07	483050.1	3735295.6	434.3	3.49	4.00	1.62	YES NO
L0000020	0	0.75120E-07	483058.7	3735295.7	434.3	3.49	4.00	1.62	YES NO
L0000021	0	0.75120E-07	483067.3	3735295.8	434.3	3.49	4.00	1.62	YES NO
L0000022	0	0.75120E-07	483075.9	3735295.9	434.4	3.49	4.00	1.62	YES NO
L0000023	0	0.75120E-07	483084.5	3735296.0	434.4	3.49	4.00	1.62	YES NO
L0000024	0	0.75120E-07	483093.1	3735296.1	434.4	3.49	4.00	1.62	YES NO
L0000025	0	0.75120E-07	483101.7	3735296.2	434.4	3.49	4.00	1.62	YES NO
L0000026	0	0.75120E-07	483110.2	3735296.3	434.5	3.49	4.00	1.62	YES NO
L0000027	0	0.75120E-07	483118.8	3735296.4	434.5	3.49	4.00	1.62	YES NO
L0000028	0	0.75120E-07	483127.4	3735296.5	434.6	3.49	4.00	1.62	YES NO
L0000029	0	0.75120E-07	483136.0	3735296.6	434.6	3.49	4.00	1.62	YES NO
L0000030	0	0.75120E-07	483144.6	3735296.7	434.7	3.49	4.00	1.62	YES NO

L0000031	0	0.75120E-07	483153.2	3735296.8	434.8	3.49	4.00	1.62	YES	NO
L0000032	0	0.75120E-07	483161.8	3735296.9	434.8	3.49	4.00	1.62	YES	NO
L0000033	0	0.75120E-07	483170.4	3735297.0	434.8	3.49	4.00	1.62	YES	NO
L0000034	0	0.75120E-07	483179.0	3735297.1	434.9	3.49	4.00	1.62	YES	NO
L0000035	0	0.75120E-07	483187.5	3735297.2	434.9	3.49	4.00	1.62	YES	NO
L0000036	0	0.75120E-07	483196.1	3735297.2	434.9	3.49	4.00	1.62	YES	NO
L0000037	0	0.75120E-07	483204.7	3735297.3	434.9	3.49	4.00	1.62	YES	NO
L0000038	0	0.75120E-07	483213.3	3735297.4	435.0	3.49	4.00	1.62	YES	NO
L0000039	0	0.75120E-07	483221.9	3735297.5	435.0	3.49	4.00	1.62	YES	NO
L0000040	0	0.75120E-07	483230.5	3735297.6	435.1	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE	AIRCRAFT
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000041	0	0.75120E-07	483239.1	3735297.7	435.2	3.49	4.00	1.62 YES NO
L0000042	0	0.75120E-07	483247.7	3735297.8	435.3	3.49	4.00	1.62 YES NO
L0000043	0	0.75120E-07	483256.3	3735297.9	435.3	3.49	4.00	1.62 YES NO
L0000044	0	0.75120E-07	483264.9	3735298.0	435.4	3.49	4.00	1.62 YES NO
L0000045	0	0.75120E-07	483273.4	3735298.1	435.4	3.49	4.00	1.62 YES NO
L0000046	0	0.75120E-07	483282.0	3735298.2	435.5	3.49	4.00	1.62 YES NO
L0000047	0	0.75260E-07	483295.3	3735298.3	435.6	3.49	4.00	1.62 YES NO
L0000048	0	0.75260E-07	483303.9	3735298.3	435.7	3.49	4.00	1.62 YES NO
L0000049	0	0.75260E-07	483312.5	3735298.2	435.8	3.49	4.00	1.62 YES NO
L0000050	0	0.75260E-07	483321.1	3735298.2	435.8	3.49	4.00	1.62 YES NO
L0000051	0	0.75260E-07	483329.7	3735298.2	435.9	3.49	4.00	1.62 YES NO
L0000052	0	0.75260E-07	483338.3	3735298.2	436.0	3.49	4.00	1.62 YES NO
L0000053	0	0.75260E-07	483346.9	3735298.1	436.0	3.49	4.00	1.62 YES NO
L0000054	0	0.75260E-07	483355.5	3735298.1	436.1	3.49	4.00	1.62 YES NO
L0000055	0	0.75260E-07	483364.1	3735298.1	436.2	3.49	4.00	1.62 YES NO
L0000056	0	0.75260E-07	483372.6	3735298.1	436.2	3.49	4.00	1.62 YES NO
L0000057	0	0.75260E-07	483381.2	3735298.0	436.3	3.49	4.00	1.62 YES NO
L0000058	0	0.75260E-07	483389.8	3735298.0	436.3	3.49	4.00	1.62 YES NO
L0000059	0	0.75260E-07	483398.4	3735298.0	436.4	3.49	4.00	1.62 YES NO
L0000060	0	0.75260E-07	483407.0	3735298.0	436.5	3.49	4.00	1.62 YES NO
L0000061	0	0.75260E-07	483415.6	3735297.9	436.5	3.49	4.00	1.62 YES NO
L0000062	0	0.75260E-07	483424.2	3735297.9	436.6	3.49	4.00	1.62 YES NO
L0000063	0	0.75260E-07	483432.8	3735297.9	436.7	3.49	4.00	1.62 YES NO
L0000064	0	0.75260E-07	483441.4	3735297.9	436.7	3.49	4.00	1.62 YES NO
L0000065	0	0.75260E-07	483450.0	3735297.8	436.8	3.49	4.00	1.62 YES NO
L0000066	0	0.75260E-07	483458.5	3735297.8	436.9	3.49	4.00	1.62 YES NO
L0000067	0	0.75260E-07	483467.1	3735297.8	436.9	3.49	4.00	1.62 YES NO
L0000068	0	0.75260E-07	483475.7	3735297.8	437.0	3.49	4.00	1.62 YES NO
L0000069	0	0.75260E-07	483484.3	3735297.7	437.0	3.49	4.00	1.62 YES NO
L0000070	0	0.75260E-07	483492.9	3735297.7	437.1	3.49	4.00	1.62 YES NO

L0000071	0	0.75260E-07	483501.5	3735297.7	437.2	3.49	4.00	1.62	YES	NO
L0000072	0	0.75260E-07	483510.1	3735297.7	437.2	3.49	4.00	1.62	YES	NO
L0000073	0	0.75260E-07	483518.7	3735297.6	437.3	3.49	4.00	1.62	YES	NO
L0000074	0	0.75260E-07	483527.3	3735297.6	437.4	3.49	4.00	1.62	YES	NO
L0000075	0	0.75260E-07	483535.9	3735297.6	437.5	3.49	4.00	1.62	YES	NO
L0000076	0	0.75260E-07	483544.4	3735297.6	437.5	3.49	4.00	1.62	YES	NO
L0000077	0	0.75260E-07	483553.0	3735297.5	437.6	3.49	4.00	1.62	YES	NO
L0000078	0	0.75260E-07	483561.6	3735297.5	437.7	3.49	4.00	1.62	YES	NO
L0000079	0	0.75260E-07	483570.2	3735297.5	437.7	3.49	4.00	1.62	YES	NO
L0000080	0	0.75260E-07	483578.8	3735297.5	437.8	3.49	4.00	1.62	YES	NO

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*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000081	0	0.75260E-07	483587.4	3735297.4	437.9	3.49	4.00	1.62	YES NO
L0000082	0	0.75260E-07	483596.0	3735297.4	438.0	3.49	4.00	1.62	YES NO
L0000083	0	0.75260E-07	483604.6	3735297.4	438.1	3.49	4.00	1.62	YES NO
L0000084	0	0.75260E-07	483613.2	3735297.4	438.2	3.49	4.00	1.62	YES NO
L0000085	0	0.75260E-07	483621.8	3735297.3	438.2	3.49	4.00	1.62	YES NO
L0000086	0	0.75260E-07	483630.3	3735297.3	438.3	3.49	4.00	1.62	YES NO
L0000087	0	0.75260E-07	483638.9	3735297.3	438.4	3.49	4.00	1.62	YES NO
L0000088	0	0.75260E-07	483647.5	3735297.3	438.5	3.49	4.00	1.62	YES NO
L0000089	0	0.75260E-07	483656.1	3735297.3	438.6	3.49	4.00	1.62	YES NO
L0000090	0	0.75260E-07	483664.7	3735297.2	438.8	3.49	4.00	1.62	YES NO
L0000091	0	0.75260E-07	483673.3	3735297.2	438.9	3.49	4.00	1.62	YES NO
L0000092	0	0.75260E-07	483681.9	3735297.2	439.0	3.49	4.00	1.62	YES NO
L0000093	0	0.75260E-07	483690.5	3735297.2	439.1	3.49	4.00	1.62	YES NO
L0000094	0	0.75260E-07	483699.1	3735297.1	439.3	3.49	4.00	1.62	YES NO
L0000095	0	0.75260E-07	483707.7	3735297.1	439.4	3.49	4.00	1.62	YES NO
L0000096	0	0.75260E-07	483716.2	3735297.1	439.5	3.49	4.00	1.62	YES NO
L0000097	0	0.75260E-07	483724.8	3735297.1	439.6	3.49	4.00	1.62	YES NO
L0000098	0	0.75260E-07	483733.4	3735297.0	439.7	3.49	4.00	1.62	YES NO
L0000099	0	0.75260E-07	483742.0	3735297.0	439.8	3.49	4.00	1.62	YES NO
L0000100	0	0.75260E-07	483750.6	3735297.0	439.9	3.49	4.00	1.62	YES NO
L0000101	0	0.75260E-07	483759.2	3735297.0	440.0	3.49	4.00	1.62	YES NO
L0000102	0	0.75260E-07	483767.8	3735296.9	440.1	3.49	4.00	1.62	YES NO
L0000103	0	0.75260E-07	483776.4	3735296.9	440.2	3.49	4.00	1.62	YES NO
L0000104	0	0.75260E-07	483785.0	3735296.9	440.3	3.49	4.00	1.62	YES NO
L0000105	0	0.75260E-07	483793.6	3735296.9	440.4	3.49	4.00	1.62	YES NO
L0000106	0	0.75260E-07	483802.1	3735296.8	440.5	3.49	4.00	1.62	YES NO
L0000107	0	0.75260E-07	483810.7	3735296.8	440.6	3.49	4.00	1.62	YES NO
L0000108	0	0.75260E-07	483819.3	3735296.8	440.7	3.49	4.00	1.62	YES NO
L0000109	0	0.75260E-07	483827.9	3735296.8	440.8	3.49	4.00	1.62	YES NO
L0000110	0	0.75260E-07	483836.5	3735296.7	440.9	3.49	4.00	1.62	YES NO

L0000111	0	0.75260E-07	483845.1	3735296.7	441.0	3.49	4.00	1.62	YES	NO
L0000112	0	0.75260E-07	483853.7	3735296.7	441.1	3.49	4.00	1.62	YES	NO
L0000113	0	0.75260E-07	483862.3	3735296.7	441.1	3.49	4.00	1.62	YES	NO
L0000114	0	0.75260E-07	483870.9	3735296.6	441.2	3.49	4.00	1.62	YES	NO
L0000115	0	0.75260E-07	483879.5	3735296.6	441.3	3.49	4.00	1.62	YES	NO
L0000116	0	0.75260E-07	483888.0	3735296.6	441.4	3.49	4.00	1.62	YES	NO
L0000117	0	0.75260E-07	483896.6	3735296.6	441.5	3.49	4.00	1.62	YES	NO
L0000118	0	0.75260E-07	483905.2	3735296.5	441.6	3.49	4.00	1.62	YES	NO
L0000119	0	0.75260E-07	483913.8	3735296.5	441.7	3.49	4.00	1.62	YES	NO
L0000120	0	0.75260E-07	483922.4	3735296.5	441.8	3.49	4.00	1.62	YES	NO

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*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000121	0	0.75260E-07	483931.0	3735296.5	441.9	3.49	4.00	1.62	YES NO
L0000122	0	0.75260E-07	483939.6	3735296.4	441.9	3.49	4.00	1.62	YES NO
L0000123	0	0.75260E-07	483948.2	3735296.4	442.1	3.49	4.00	1.62	YES NO
L0000124	0	0.75260E-07	483956.8	3735296.4	442.2	3.49	4.00	1.62	YES NO
L0000125	0	0.75260E-07	483965.4	3735296.4	442.2	3.49	4.00	1.62	YES NO
L0000126	0	0.75260E-07	483973.9	3735296.3	442.3	3.49	4.00	1.62	YES NO
L0000127	0	0.75260E-07	483982.5	3735296.3	442.4	3.49	4.00	1.62	YES NO
L0000128	0	0.75260E-07	483991.1	3735296.3	442.5	3.49	4.00	1.62	YES NO
L0000129	0	0.75260E-07	483999.7	3735296.3	442.6	3.49	4.00	1.62	YES NO
L0000130	0	0.75260E-07	484008.3	3735296.3	442.7	3.49	4.00	1.62	YES NO
L0000131	0	0.75260E-07	484016.9	3735296.2	442.8	3.49	4.00	1.62	YES NO
L0000132	0	0.75260E-07	484025.5	3735296.2	442.9	3.49	4.00	1.62	YES NO
L0000133	0	0.75260E-07	484034.1	3735296.2	443.1	3.49	4.00	1.62	YES NO
L0000134	0	0.75260E-07	484042.7	3735296.2	443.2	3.49	4.00	1.62	YES NO
L0000135	0	0.75260E-07	484051.3	3735296.1	443.3	3.49	4.00	1.62	YES NO
L0000136	0	0.75260E-07	484059.8	3735296.1	443.4	3.49	4.00	1.62	YES NO
L0000137	0	0.75260E-07	484068.4	3735296.1	443.5	3.49	4.00	1.62	YES NO
L0000138	0	0.75260E-07	484077.0	3735296.1	443.7	3.49	4.00	1.62	YES NO
L0000139	0	0.75260E-07	484085.6	3735296.0	443.8	3.49	4.00	1.62	YES NO
L0000140	0	0.10670E-06	482890.4	3735282.4	433.3	3.49	4.00	1.62	YES NO
L0000141	0	0.10670E-06	482890.3	3735273.8	433.3	3.49	4.00	1.62	YES NO
L0000142	0	0.10670E-06	482890.3	3735265.2	433.4	3.49	4.00	1.62	YES NO
L0000143	0	0.10670E-06	482890.3	3735256.6	433.4	3.49	4.00	1.62	YES NO
L0000144	0	0.10670E-06	482890.3	3735248.1	433.5	3.49	4.00	1.62	YES NO
L0000145	0	0.10670E-06	482890.3	3735239.5	433.6	3.49	4.00	1.62	YES NO
L0000146	0	0.10670E-06	482890.2	3735230.9	433.7	3.49	4.00	1.62	YES NO
L0000147	0	0.10670E-06	482890.2	3735222.3	433.7	3.49	4.00	1.62	YES NO
L0000148	0	0.10670E-06	482890.2	3735213.7	433.7	3.49	4.00	1.62	YES NO
L0000149	0	0.10670E-06	482890.2	3735205.1	433.8	3.49	4.00	1.62	YES NO
L0000150	0	0.10670E-06	482890.1	3735196.5	433.8	3.49	4.00	1.62	YES NO

L0000151	0	0.10670E-06	482890.1	3735187.9	433.8	3.49	4.00	1.62	YES	NO
L0000152	0	0.10670E-06	482890.1	3735179.3	433.8	3.49	4.00	1.62	YES	NO
L0000153	0	0.10670E-06	482890.1	3735170.7	433.8	3.49	4.00	1.62	YES	NO
L0000154	0	0.10670E-06	482890.0	3735162.2	433.8	3.49	4.00	1.62	YES	NO
L0000155	0	0.10670E-06	482890.0	3735153.6	433.8	3.49	4.00	1.62	YES	NO
L0000156	0	0.10670E-06	482890.0	3735145.0	433.8	3.49	4.00	1.62	YES	NO
L0000157	0	0.10670E-06	482890.0	3735136.4	433.9	3.49	4.00	1.62	YES	NO
L0000158	0	0.10670E-06	482889.9	3735127.8	433.9	3.49	4.00	1.62	YES	NO
L0000159	0	0.10670E-06	482889.9	3735119.2	433.9	3.49	4.00	1.62	YES	NO
L0000160	0	0.10670E-06	482889.9	3735110.6	433.9	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE	AIRCRAFT
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000161	0	0.10670E-06	482889.9	3735102.0	433.9	3.49	4.00	1.62 YES NO
L0000162	0	0.10670E-06	482889.8	3735093.4	434.0	3.49	4.00	1.62 YES NO
L0000163	0	0.10670E-06	482889.8	3735084.8	434.0	3.49	4.00	1.62 YES NO
L0000164	0	0.10670E-06	482889.8	3735076.3	434.0	3.49	4.00	1.62 YES NO
L0000165	0	0.10670E-06	482889.8	3735067.7	434.1	3.49	4.00	1.62 YES NO
L0000166	0	0.10670E-06	482889.7	3735059.1	434.1	3.49	4.00	1.62 YES NO
L0000167	0	0.10670E-06	482889.7	3735050.5	434.1	3.49	4.00	1.62 YES NO
L0000168	0	0.10670E-06	482889.7	3735041.9	434.2	3.49	4.00	1.62 YES NO
L0000169	0	0.10670E-06	482889.7	3735033.3	434.2	3.49	4.00	1.62 YES NO
L0000170	0	0.10670E-06	482889.6	3735024.7	434.2	3.49	4.00	1.62 YES NO
L0000171	0	0.10670E-06	482889.6	3735016.1	434.2	3.49	4.00	1.62 YES NO
L0000172	0	0.10670E-06	482889.6	3735007.5	434.2	3.49	4.00	1.62 YES NO
L0000173	0	0.10670E-06	482889.6	3734998.9	434.2	3.49	4.00	1.62 YES NO
L0000174	0	0.10670E-06	482889.5	3734990.4	434.2	3.49	4.00	1.62 YES NO
L0000175	0	0.10670E-06	482889.5	3734981.8	434.3	3.49	4.00	1.62 YES NO
L0000176	0	0.10670E-06	482889.5	3734973.2	434.3	3.49	4.00	1.62 YES NO
L0000177	0	0.10670E-06	482889.5	3734964.6	434.3	3.49	4.00	1.62 YES NO
L0000178	0	0.10670E-06	482889.5	3734956.0	434.3	3.49	4.00	1.62 YES NO
L0000179	0	0.10670E-06	482889.4	3734947.4	434.4	3.49	4.00	1.62 YES NO
L0000180	0	0.10670E-06	482889.4	3734938.8	434.4	3.49	4.00	1.62 YES NO
L0000181	0	0.10670E-06	482889.4	3734930.2	434.4	3.49	4.00	1.62 YES NO
L0000182	0	0.10670E-06	482889.4	3734921.6	434.4	3.49	4.00	1.62 YES NO
L0000183	0	0.10670E-06	482889.3	3734913.0	434.5	3.49	4.00	1.62 YES NO
L0000184	0	0.10670E-06	482889.3	3734904.5	434.5	3.49	4.00	1.62 YES NO
L0000185	0	0.10670E-06	482889.3	3734895.9	434.5	3.49	4.00	1.62 YES NO
L0000186	0	0.10670E-06	482889.3	3734887.3	434.5	3.49	4.00	1.62 YES NO
L0000187	0	0.10670E-06	482889.2	3734878.7	434.6	3.49	4.00	1.62 YES NO
L0000188	0	0.10670E-06	482889.2	3734870.1	434.6	3.49	4.00	1.62 YES NO
L0000189	0	0.10670E-06	482889.2	3734861.5	434.6	3.49	4.00	1.62 YES NO
L0000190	0	0.10670E-06	482889.2	3734852.9	434.6	3.49	4.00	1.62 YES NO

L0000191	0	0.10670E-06	482889.1	3734844.3	434.7	3.49	4.00	1.62	YES	NO
L0000192	0	0.10670E-06	482889.1	3734835.7	434.7	3.49	4.00	1.62	YES	NO
L0000193	0	0.10670E-06	482889.1	3734827.1	434.7	3.49	4.00	1.62	YES	NO
L0000194	0	0.10670E-06	482889.1	3734818.6	434.7	3.49	4.00	1.62	YES	NO
L0000195	0	0.10670E-06	482889.0	3734810.0	434.7	3.49	4.00	1.62	YES	NO
L0000196	0	0.10670E-06	482889.0	3734801.4	434.7	3.49	4.00	1.62	YES	NO
L0000197	0	0.10670E-06	482889.0	3734792.8	434.7	3.49	4.00	1.62	YES	NO
L0000198	0	0.10670E-06	482888.6	3734784.2	434.7	3.49	4.00	1.62	YES	NO
L0000199	0	0.10670E-06	482888.0	3734775.7	434.7	3.49	4.00	1.62	YES	NO
L0000200	0	0.10670E-06	482885.5	3734767.5	434.7	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR	VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0000201	0	0.10670E-06	482882.5	3734759.4	434.7	3.49	4.00	1.62	YES NO
L0000202	0	0.10670E-06	482878.8	3734751.7	434.7	3.49	4.00	1.62	YES NO
L0000203	0	0.10670E-06	482874.0	3734744.6	434.7	3.49	4.00	1.62	YES NO
L0000204	0	0.10670E-06	482868.8	3734737.7	434.7	3.49	4.00	1.62	YES NO
L0000205	0	0.10670E-06	482863.7	3734730.8	434.7	3.49	4.00	1.62	YES NO
L0000206	0	0.10670E-06	482858.5	3734724.0	434.7	3.49	4.00	1.62	YES NO
L0000207	0	0.10670E-06	482853.4	3734717.1	434.6	3.49	4.00	1.62	YES NO
L0000208	0	0.10670E-06	482848.2	3734710.2	434.6	3.49	4.00	1.62	YES NO
L0000209	0	0.10670E-06	482843.1	3734703.3	434.6	3.49	4.00	1.62	YES NO
L0000210	0	0.10670E-06	482837.9	3734696.5	434.6	3.49	4.00	1.62	YES NO
L0000211	0	0.10670E-06	482832.8	3734689.6	434.5	3.49	4.00	1.62	YES NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,L0000006 ,L0000007 ,L0000008 ,
L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,L0000014 ,L0000015 ,L0000016 ,
L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,L0000022 ,L0000023 ,L0000024 ,
L0000025 ,L0000026 ,L0000027 ,L0000028 ,L0000029 ,L0000030 ,L0000031 ,L0000032 ,
L0000033 ,L0000034 ,L0000035 ,L0000036 ,L0000037 ,L0000038 ,L0000039 ,L0000040 ,
L0000041 ,L0000042 ,L0000043 ,L0000044 ,L0000045 ,L0000046 ,L0000047 ,L0000048 ,
L0000049 ,L0000050 ,L0000051 ,L0000052 ,L0000053 ,L0000054 ,L0000055 ,L0000056 ,
L0000057 ,L0000058 ,L0000059 ,L0000060 ,L0000061 ,L0000062 ,L0000063 ,L0000064 ,
L0000065 ,L0000066 ,L0000067 ,L0000068 ,L0000069 ,L0000070 ,L0000071 ,L0000072 ,
L0000073 ,L0000074 ,L0000075 ,L0000076 ,L0000077 ,L0000078 ,L0000079 ,L0000080 ,
L0000081 ,L0000082 ,L0000083 ,L0000084 ,L0000085 ,L0000086 ,L0000087 ,L0000088 ,
L0000089 ,L0000090 ,L0000091 ,L0000092 ,L0000093 ,L0000094 ,L0000095 ,L0000096 ,
L0000097 ,L0000098 ,L0000099 ,L0000100 ,L0000101 ,L0000102 ,L0000103 ,L0000104 ,
L0000105 ,L0000106 ,L0000107 ,L0000108 ,L0000109 ,L0000110 ,L0000111 ,L0000112 ,
L0000113 ,L0000114 ,L0000115 ,L0000116 ,L0000117 ,L0000118 ,L0000119 ,L0000120 ,
L0000121 ,L0000122 ,L0000123 ,L0000124 ,L0000125 ,L0000126 ,L0000127 ,L0000128 ,

L0000129 ,L0000130 ,L0000131 ,L0000132 ,L0000133 ,L0000134 ,L0000135 ,L0000136 ,
L0000137 ,L0000138 ,L0000139 ,L0000140 ,L0000141 ,L0000142 ,L0000143 ,L0000144 ,
L0000145 ,L0000146 ,L0000147 ,L0000148 ,L0000149 ,L0000150 ,L0000151 ,L0000152 ,
L0000153 ,L0000154 ,L0000155 ,L0000156 ,L0000157 ,L0000158 ,L0000159 ,L0000160 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
2492442.	L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,L0000006 ,L0000007 ,	L0000008 ,
	L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,L0000014 ,L0000015 ,L0000016 ,	
	L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,L0000022 ,L0000023 ,L0000024 ,	
	L0000025 ,L0000026 ,L0000027 ,L0000028 ,L0000029 ,L0000030 ,L0000031 ,L0000032 ,	
	L0000033 ,L0000034 ,L0000035 ,L0000036 ,L0000037 ,L0000038 ,L0000039 ,L0000040 ,	
	L0000041 ,L0000042 ,L0000043 ,L0000044 ,L0000045 ,L0000046 ,L0000047 ,L0000048 ,	
	L0000049 ,L0000050 ,L0000051 ,L0000052 ,L0000053 ,L0000054 ,L0000055 ,L0000056 ,	
	L0000057 ,L0000058 ,L0000059 ,L0000060 ,L0000061 ,L0000062 ,L0000063 ,L0000064 ,	
	L0000065 ,L0000066 ,L0000067 ,L0000068 ,L0000069 ,L0000070 ,L0000071 ,L0000072 ,	
	L0000073 ,L0000074 ,L0000075 ,L0000076 ,L0000077 ,L0000078 ,L0000079 ,L0000080 ,	
	L0000081 ,L0000082 ,L0000083 ,L0000084 ,L0000085 ,L0000086 ,L0000087 ,L0000088 ,	
	L0000089 ,L0000090 ,L0000091 ,L0000092 ,L0000093 ,L0000094 ,L0000095 ,L0000096 ,	
	L0000097 ,L0000098 ,L0000099 ,L0000100 ,L0000101 ,L0000102 ,L0000103 ,L0000104 ,	
	L0000105 ,L0000106 ,L0000107 ,L0000108 ,L0000109 ,L0000110 ,L0000111 ,L0000112 ,	
	L0000113 ,L0000114 ,L0000115 ,L0000116 ,L0000117 ,L0000118 ,L0000119 ,L0000120 ,	

L0000121 ,L0000122 ,L0000123 ,L0000124 ,L0000125 ,L0000126 ,L0000127 ,L0000128 ,
L0000129 ,L0000130 ,L0000131 ,L0000132 ,L0000133 ,L0000134 ,L0000135 ,L0000136 ,
L0000137 ,L0000138 ,L0000139 ,L0000140 ,L0000141 ,L0000142 ,L0000143 ,L0000144 ,
L0000145 ,L0000146 ,L0000147 ,L0000148 ,L0000149 ,L0000150 ,L0000151 ,L0000152 ,
L0000153 ,L0000154 ,L0000155 ,L0000156 ,L0000157 ,L0000158 ,L0000159 ,L0000160 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

482362.6, 482412.6, 482462.6, 482512.6, 482562.6, 482612.6, 482662.6, 482712.6, 482762.6, 482812.6,
482862.6, 482912.6, 482962.6, 483012.6, 483062.6, 483112.6, 483162.6, 483212.6, 483262.6, 483312.6,
483362.6, 483412.6, 483462.6, 483512.6, 483562.6, 483612.6, 483662.6, 483712.6, 483762.6, 483812.6,
483862.6, 483912.6, 483962.6, 484012.6, 484062.6, 484112.6, 484162.6, 484212.6, 484262.6, 484312.6,
484362.6, 484412.6, 484462.6, 484512.6, 484562.6,

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

3734241.2, 3734291.2, 3734341.2, 3734391.2, 3734441.2, 3734491.2, 3734541.2, 3734591.2, 3734641.2, 3734691.2,
3734741.2, 3734791.2, 3734841.2, 3734891.2, 3734941.2, 3734991.2, 3735041.2, 3735091.2, 3735141.2, 3735191.2,
3735241.2, 3735291.2, 3735341.2, 3735391.2, 3735441.2, 3735491.2, 3735541.2, 3735591.2, 3735641.2, 3735691.2,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482362.58	482412.58	482462.58	482512.58	482562.58	482612.58	482662.58	482712.58	482762.58

3735691.22	431.50	431.50	432.50	431.70	432.60	433.80	433.50	433.40	434.20
3735641.22	431.50	431.60	432.50	431.80	432.60	433.80	433.60	434.30	434.90
3735591.22	431.50	431.60	432.60	431.80	432.70	433.80	433.90	434.60	435.00
3735541.22	431.60	431.60	432.70	431.90	432.70	433.80	434.10	434.20	434.70
3735491.22	431.60	431.70	432.80	432.00	432.80	433.80	433.90	433.90	434.40
3735441.22	431.60	431.80	432.90	432.10	433.40	433.60	433.50	433.90	434.30
3735391.22	431.70	432.10	433.00	432.10	433.40	433.50	433.30	433.90	434.20
3735341.22	431.80	432.30	433.20	432.00	432.50	432.80	432.70	433.10	433.40
3735291.22	432.40	432.30	433.80	432.50	432.00	432.30	432.50	432.70	432.90
3735241.22	432.90	432.40	435.00	433.00	432.50	432.80	433.00	433.00	433.20
3735191.22	433.00	432.50	436.40	433.40	432.60	432.80	432.90	432.90	433.10
3735141.22	433.10	432.80	437.70	434.60	432.60	432.70	432.80	432.80	432.90
3735091.22	433.10	433.10	439.10	435.90	433.30	432.80	432.90	433.20	433.50
3735041.22	433.40	433.40	440.20	436.50	434.70	433.00	433.00	433.50	434.20
3734991.22	433.20	433.50	441.00	437.60	433.80	433.80	433.30	433.70	434.00
3734941.22	433.00	433.40	437.70	435.40	433.10	433.60	433.50	433.60	433.80
3734891.22	433.00	433.10	435.50	434.10	433.70	433.60	433.70	433.60	433.80
3734841.22	433.70	433.40	441.00	434.90	434.10	433.90	434.10	433.80	433.90
3734791.22	433.80	433.20	441.00	435.60	434.20	434.00	434.40	433.90	434.00
3734741.22	433.70	433.30	440.30	435.30	434.80	433.90	433.90	434.20	434.10
3734691.22	433.80	433.30	439.30	435.80	435.00	434.10	434.00	434.10	434.30
3734641.22	433.70	433.30	438.10	435.50	435.00	434.30	434.60	434.60	434.50
3734591.22	433.50	433.40	436.70	434.90	434.60	434.50	435.10	435.10	434.70
3734541.22	433.50	433.50	435.60	434.00	434.40	434.60	435.00	435.10	434.70
3734491.22	433.40	433.70	434.80	433.80	433.90	434.20	434.40	434.60	434.60
3734441.22	433.40	433.80	434.40	433.90	434.00	434.30	434.60	434.60	435.00
3734391.22	433.40	433.90	434.30	434.00	434.10	434.40	434.60	434.50	434.80
3734341.22	433.50	434.20	434.50	434.10	434.30	434.60	434.80	434.40	434.50
3734291.22	433.50	434.30	434.60	434.50	434.80	435.00	435.20	434.50	434.60
3734241.22	434.00	434.30	434.60	435.00	435.50	435.60	435.50	434.80	434.90

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482812.58	482862.58	482912.58	482962.58	483012.58	483062.58	483112.58	483162.58	483212.58

3735691.22	434.30	434.60	434.90	434.80	434.90	435.00	435.60	435.40	435.40
3735641.22	435.00	435.00	434.80	435.00	434.90	435.10	435.60	436.10	435.60
3735591.22	435.00	435.00	435.00	434.80	435.20	435.60	436.40	437.10	436.60
3735541.22	434.70	434.60	434.60	434.60	435.50	435.70	436.70	437.30	437.00
3735491.22	434.70	434.50	434.30	434.50	435.00	435.10	436.60	436.80	435.20
3735441.22	434.60	434.40	434.10	434.10	434.70	435.10	436.50	435.60	435.10
3735391.22	434.10	434.10	433.90	434.10	434.80	435.10	435.40	435.20	434.80
3735341.22	433.50	433.70	433.80	434.30	434.60	434.90	434.80	435.10	434.80
3735291.22	433.20	433.40	433.50	433.90	434.20	434.30	434.50	434.80	435.00
3735241.22	433.80	433.80	433.90	434.40	434.30	434.30	434.50	434.80	435.10
3735191.22	433.60	433.80	433.90	434.20	434.30	434.40	434.60	435.00	435.30
3735141.22	433.20	433.60	434.00	434.30	434.50	434.70	434.80	435.20	435.60
3735091.22	433.70	434.00	434.10	434.30	434.50	434.70	435.00	435.50	435.90
3735041.22	434.50	434.40	434.20	434.40	434.60	434.90	435.10	435.60	436.00
3734991.22	434.20	434.20	434.40	434.60	434.80	435.10	435.30	435.70	436.10
3734941.22	434.00	434.20	434.60	435.00	435.00	435.20	435.40	435.90	436.30
3734891.22	434.10	434.40	434.60	434.80	435.10	435.40	435.60	435.90	436.50
3734841.22	434.10	434.40	434.90	435.00	435.30	435.80	435.80	435.80	436.60
3734791.22	434.10	434.40	434.80	434.90	435.10	435.40	435.70	435.90	436.50
3734741.22	434.30	434.60	435.10	435.10	435.10	435.30	435.50	435.90	436.40
3734691.22	434.40	435.00	435.60	435.20	435.30	435.50	435.70	436.20	436.40
3734641.22	434.50	435.00	435.70	435.40	435.40	435.60	435.80	436.20	436.50
3734591.22	434.50	434.70	435.10	435.10	435.30	435.60	435.90	436.10	436.50
3734541.22	434.70	434.80	435.10	435.20	435.30	435.60	435.70	436.00	436.40
3734491.22	434.70	434.80	435.10	435.30	435.40	435.60	435.80	436.10	436.40
3734441.22	435.00	434.90	435.20	435.30	435.60	435.80	436.00	436.20	436.50
3734391.22	435.10	434.90	435.00	434.20	434.90	435.70	436.00	436.20	436.60
3734341.22	435.20	434.90	434.80	428.00	428.00	433.90	435.90	436.20	436.60
3734291.22	435.00	435.00	434.10	425.10	422.10	423.50	427.70	435.20	436.70
3734241.22	435.20	435.20	432.60	426.40	423.70	424.30	424.90	433.10	436.70

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** AERMET - VERSION 22112 *** **

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PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483262.58	483312.58	483362.58	483412.58	483462.58	483512.58	483562.58	483612.58	483662.58

3735691.22	435.70	435.90	436.80	436.80	436.80	437.20	437.40	437.70	437.90
3735641.22	435.40	436.60	437.10	436.90	436.80	437.10	437.40	437.60	437.80
3735591.22	436.00	436.90	437.40	437.20	437.10	437.50	437.70	437.90	438.10
3735541.22	436.60	437.20	437.60	437.50	437.60	438.00	438.20	438.40	438.40
3735491.22	436.20	437.10	437.80	438.00	438.30	438.60	438.90	439.10	438.60
3735441.22	435.80	436.70	437.30	437.50	437.80	438.20	438.40	438.80	438.60
3735391.22	435.30	435.90	436.10	436.40	436.70	437.40	437.50	438.00	438.60
3735341.22	435.40	435.90	436.10	436.50	436.80	437.50	437.60	438.10	438.70
3735291.22	435.40	435.80	436.20	436.50	436.90	437.30	437.70	438.20	438.70
3735241.22	435.40	436.00	436.30	436.50	437.00	437.40	437.80	438.30	438.80
3735191.22	435.60	436.30	436.30	436.70	437.10	437.30	437.80	438.30	438.80
3735141.22	435.90	436.30	436.50	436.80	437.10	437.50	437.90	438.20	438.70
3735091.22	436.30	436.50	436.70	436.90	437.20	437.60	438.00	438.20	438.70
3735041.22	436.50	436.80	436.90	437.20	437.50	437.80	438.10	438.40	438.80
3734991.22	436.50	437.00	437.10	437.40	437.70	438.00	438.30	438.60	438.90
3734941.22	436.80	437.20	437.50	437.70	437.90	438.10	438.40	438.70	439.00
3734891.22	437.00	437.30	437.60	438.00	438.20	438.40	438.70	439.00	439.30
3734841.22	437.20	437.30	437.40	438.00	438.40	438.70	439.00	439.30	439.60
3734791.22	437.10	437.30	437.40	437.90	438.30	438.70	439.10	439.50	439.90
3734741.22	436.80	437.10	437.40	437.80	438.30	438.70	439.10	439.50	440.00
3734691.22	436.80	437.40	437.60	438.00	438.50	438.80	439.20	439.60	440.10
3734641.22	436.90	437.50	437.60	438.00	438.40	439.00	439.40	440.00	440.30
3734591.22	436.90	437.30	437.60	438.00	438.50	438.90	439.50	439.80	440.20
3734541.22	436.90	437.30	437.50	438.00	438.50	439.10	439.60	440.00	440.30
3734491.22	436.90	437.50	437.80	438.10	438.50	439.00	439.50	439.90	440.30
3734441.22	436.90	437.20	437.50	438.00	438.50	439.10	439.60	440.00	440.20
3734391.22	436.90	437.30	437.60	437.90	438.40	439.00	439.50	439.80	439.80
3734341.22	437.00	437.40	437.70	438.00	438.40	438.90	439.40	439.50	439.50
3734291.22	437.10	437.60	437.80	438.20	438.60	438.90	439.20	439.10	439.10
3734241.22	437.10	437.40	437.60	438.20	438.30	438.60	438.80	438.80	438.90

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483712.58	483762.58	483812.58	483862.58	483912.58	483962.58	484012.58	484062.58	484112.58

3735691.22	438.30	438.70	439.10	439.30	439.80	440.30	440.90	441.40	442.10
3735641.22	438.60	439.50	439.90	439.70	440.10	440.50	441.10	441.60	442.30
3735591.22	438.80	439.70	440.10	440.10	440.50	440.90	441.40	441.90	442.60
3735541.22	439.10	439.60	440.00	440.40	440.90	441.40	441.80	442.20	442.80
3735491.22	439.20	439.80	440.30	440.80	441.30	441.80	442.20	442.70	443.20
3735441.22	439.10	439.60	440.20	440.90	441.60	442.10	442.60	443.10	443.60
3735391.22	439.20	439.60	440.20	440.90	441.60	442.30	442.90	443.40	444.00
3735341.22	439.50	439.90	440.40	441.00	441.60	442.20	442.90	443.50	444.20
3735291.22	439.40	440.00	440.60	441.10	441.70	442.20	442.80	443.40	444.20
3735241.22	439.40	439.90	440.50	441.10	441.70	442.30	442.80	443.40	444.30
3735191.22	439.40	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.30
3735141.22	439.30	440.00	440.70	441.40	442.00	442.50	443.00	443.50	444.40
3735091.22	439.30	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.40
3735041.22	439.30	439.90	440.50	441.10	441.70	442.30	442.80	443.30	444.20
3734991.22	439.40	439.90	440.40	441.00	441.50	442.00	442.50	443.00	444.10
3734941.22	439.50	439.80	440.30	440.90	441.40	441.80	442.60	443.50	444.30
3734891.22	439.70	440.00	440.50	441.00	441.60	442.10	442.70	443.50	444.20
3734841.22	439.80	440.30	440.70	441.20	441.60	442.30	442.90	443.20	444.00
3734791.22	440.10	440.40	440.70	441.30	441.60	442.30	442.80	443.20	443.80
3734741.22	440.40	440.70	441.10	441.50	441.90	442.30	442.70	443.10	443.90
3734691.22	440.60	441.00	441.40	441.80	442.30	442.70	443.00	443.40	444.00
3734641.22	440.70	441.10	441.50	441.90	442.30	442.80	443.10	443.40	443.90
3734591.22	440.60	440.90	441.40	441.80	442.20	442.60	442.90	443.20	443.90
3734541.22	440.70	441.00	441.30	441.70	442.00	442.30	442.70	443.00	443.70
3734491.22	440.60	440.90	441.10	441.40	441.80	442.30	442.60	443.00	443.70
3734441.22	440.30	440.60	440.90	441.30	441.70	442.10	442.60	443.10	443.50
3734391.22	440.10	440.40	440.70	441.10	441.50	441.80	442.40	442.90	443.30
3734341.22	439.80	440.20	440.60	441.00	441.30	441.80	442.20	442.70	443.10
3734291.22	439.40	439.90	440.30	440.70	441.00	441.40	441.80	442.20	442.70
3734241.22	439.20	439.50	439.90	440.30	440.60	441.10	441.50	442.00	442.50

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	484162.58	484212.58	484262.58	484312.58	484362.58	484412.58	484462.58	484512.58	484562.58

3735691.22	442.50	442.90	443.20	443.50	443.70	444.00	444.40	445.30	446.00
3735641.22	442.90	443.30	443.60	443.90	444.10	444.30	444.70	445.50	446.00
3735591.22	443.10	443.50	443.90	444.20	444.50	444.80	445.10	445.50	445.80
3735541.22	443.40	443.90	444.20	444.60	444.90	445.20	445.70	446.40	447.30
3735491.22	443.80	444.20	444.60	444.90	445.20	445.60	446.10	446.90	448.20
3735441.22	444.20	444.60	445.00	445.30	445.70	446.00	446.50	447.20	448.40
3735391.22	444.60	445.00	445.40	445.70	446.10	446.40	446.80	447.30	448.00
3735341.22	444.80	445.30	445.80	446.20	446.60	447.00	447.40	447.90	448.70
3735291.22	444.70	445.40	446.00	446.70	447.20	447.60	448.00	448.70	449.50
3735241.22	444.70	445.30	446.00	446.70	447.30	447.80	448.40	449.00	449.50
3735191.22	444.80	445.30	446.00	446.60	447.40	447.90	448.40	449.00	449.50
3735141.22	444.80	445.40	446.00	446.70	447.30	447.80	448.40	449.00	449.60
3735091.22	444.90	445.50	446.00	446.70	447.20	447.70	448.40	449.00	449.60
3735041.22	444.80	445.40	446.10	446.60	447.10	447.70	448.20	448.90	449.50
3734991.22	444.80	445.50	446.00	446.30	446.80	447.30	448.00	448.70	449.30
3734941.22	444.70	445.20	445.50	445.90	446.40	447.00	447.80	448.60	449.30
3734891.22	444.50	444.70	445.00	445.60	446.20	446.80	447.60	448.50	449.30
3734841.22	444.10	444.20	444.60	445.30	446.10	446.80	447.60	448.50	449.20
3734791.22	444.10	444.30	444.70	445.30	445.90	446.60	447.30	448.20	448.90
3734741.22	444.20	444.60	444.90	445.30	445.80	446.40	447.10	447.90	448.70
3734691.22	444.30	444.60	445.00	445.50	445.90	446.40	446.90	447.70	448.40
3734641.22	444.20	444.50	445.10	445.70	446.30	446.80	447.20	447.70	448.20
3734591.22	444.10	444.60	445.30	445.90	446.60	447.10	447.60	447.90	448.30
3734541.22	444.10	444.60	445.20	445.70	446.40	446.90	447.40	447.90	448.40
3734491.22	444.20	444.70	445.30	445.90	446.20	446.70	447.30	447.80	448.30
3734441.22	444.00	444.50	445.00	446.10	446.20	446.60	446.90	447.20	447.60
3734391.22	443.70	444.10	444.60	445.90	446.10	446.40	446.70	447.00	447.30
3734341.22	443.40	443.80	444.30	445.70	445.80	446.10	446.40	446.60	447.00
3734291.22	443.10	443.50	443.90	445.50	445.60	446.10	446.30	446.50	446.80
3734241.22	442.80	443.20	443.70	445.10	445.10	445.50	445.80	446.10	446.60

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482362.58	482412.58	482462.58	482512.58	482562.58	482612.58	482662.58	482712.58	482762.58

3735691.22	431.50	431.50	432.50	431.70	432.60	433.80	433.50	433.40	434.20
3735641.22	431.50	431.60	432.50	431.80	432.60	433.80	433.60	434.30	434.90
3735591.22	431.50	431.60	432.60	431.80	432.70	433.80	433.90	434.60	435.00
3735541.22	431.60	431.60	432.70	431.90	432.70	433.80	434.10	434.20	434.70
3735491.22	431.60	431.70	432.80	432.00	432.80	433.80	433.90	433.90	434.40
3735441.22	431.60	431.80	432.90	432.10	433.40	433.60	433.50	433.90	434.30
3735391.22	431.70	432.10	433.00	432.10	433.40	433.50	433.30	433.90	434.20
3735341.22	431.80	432.30	433.20	432.00	432.50	432.80	432.70	433.10	433.40
3735291.22	432.40	432.30	433.80	432.50	432.00	432.30	432.50	432.70	432.90
3735241.22	432.90	432.40	435.00	433.00	432.50	432.80	433.00	433.00	433.20
3735191.22	433.00	432.50	436.40	433.40	432.60	432.80	432.90	432.90	433.10
3735141.22	433.10	436.00	437.70	436.80	432.60	432.70	432.80	432.80	432.90
3735091.22	433.10	440.50	439.10	435.90	433.30	432.80	432.90	433.20	433.50
3735041.22	433.40	441.60	440.20	436.50	434.70	433.00	433.00	433.50	434.20
3734991.22	433.20	441.60	441.60	440.30	433.80	433.80	433.30	433.70	434.00
3734941.22	433.00	441.60	441.40	441.40	440.40	433.60	433.50	433.60	433.80
3734891.22	433.00	442.20	442.20	442.20	433.70	433.60	433.70	433.60	433.80
3734841.22	433.70	442.20	442.20	442.20	434.10	433.90	434.10	433.80	433.90
3734791.22	433.80	442.20	441.00	442.20	434.20	434.00	434.40	433.90	434.00
3734741.22	433.70	442.00	441.10	441.60	434.80	433.90	433.90	434.20	434.10
3734691.22	433.80	441.10	439.30	435.80	435.00	434.10	434.00	434.10	434.30
3734641.22	433.70	439.00	438.10	435.50	435.00	434.30	434.60	434.60	434.50
3734591.22	433.50	433.40	436.70	434.90	434.60	434.50	435.10	435.10	434.70
3734541.22	433.50	433.50	435.60	434.00	434.40	434.60	435.00	435.10	434.70
3734491.22	433.40	433.70	434.80	433.80	433.90	434.20	434.40	434.60	434.60
3734441.22	433.40	433.80	434.40	433.90	434.00	434.30	434.60	434.60	435.00
3734391.22	433.40	433.90	434.30	434.00	434.10	434.40	434.60	434.50	434.80
3734341.22	433.50	434.20	434.50	434.10	434.30	434.60	434.80	434.40	434.50
3734291.22	433.50	434.30	434.60	434.50	434.80	435.00	435.20	434.50	434.60
3734241.22	434.00	434.30	434.60	435.00	435.50	435.60	435.50	434.80	434.90

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482812.58	482862.58	482912.58	482962.58	483012.58	483062.58	483112.58	483162.58	483212.58

3735691.22	434.30	434.60	434.90	434.80	434.90	435.00	435.60	435.40	435.40
3735641.22	435.00	435.00	434.80	435.00	434.90	435.10	435.60	436.10	435.60
3735591.22	435.00	435.00	435.00	434.80	435.20	435.60	436.40	437.10	436.60
3735541.22	434.70	434.60	434.60	434.60	435.50	435.70	436.70	437.30	437.00
3735491.22	434.70	434.50	434.30	434.50	435.00	435.10	436.60	436.80	435.20
3735441.22	434.60	434.40	434.10	434.10	434.70	435.10	436.50	435.60	435.10
3735391.22	434.10	434.10	433.90	434.10	434.80	435.10	435.40	435.20	434.80
3735341.22	433.50	433.70	433.80	434.30	434.60	434.90	434.80	435.10	434.80
3735291.22	433.20	433.40	433.50	433.90	434.20	434.30	434.50	434.80	435.00
3735241.22	433.80	433.80	433.90	434.40	434.30	434.30	434.50	434.80	435.10
3735191.22	433.60	433.80	433.90	434.20	434.30	434.40	434.60	435.00	435.30
3735141.22	433.20	433.60	434.00	434.30	434.50	434.70	434.80	435.20	435.60
3735091.22	433.70	434.00	434.10	434.30	434.50	434.70	435.00	435.50	435.90
3735041.22	434.50	434.40	434.20	434.40	434.60	434.90	435.10	435.60	436.00
3734991.22	434.20	434.20	434.40	434.60	434.80	435.10	435.30	435.70	436.10
3734941.22	434.00	434.20	434.60	435.00	435.00	435.20	435.40	435.90	436.30
3734891.22	434.10	434.40	434.60	434.80	435.10	435.40	435.60	435.90	436.50
3734841.22	434.10	434.40	434.90	435.00	435.30	435.80	435.80	435.80	436.60
3734791.22	434.10	434.40	434.80	434.90	435.10	435.40	435.70	435.90	436.50
3734741.22	434.30	434.60	435.10	435.10	435.10	435.30	435.50	435.90	436.40
3734691.22	434.40	435.00	435.60	435.20	435.30	435.50	435.70	436.20	436.40
3734641.22	434.50	435.00	435.70	435.40	435.40	435.60	435.80	436.20	436.50
3734591.22	434.50	434.70	435.10	435.10	435.30	435.60	435.90	436.10	436.50
3734541.22	434.70	434.80	435.10	435.20	435.30	435.60	435.70	436.00	436.40
3734491.22	434.70	434.80	435.10	435.30	435.40	435.60	435.80	436.10	436.40
3734441.22	435.00	434.90	435.20	435.30	435.60	435.80	436.00	436.20	436.50
3734391.22	435.10	434.90	435.00	434.20	434.90	435.70	436.00	436.20	436.60
3734341.22	435.20	434.90	434.80	435.60	435.70	433.90	435.90	436.20	436.60
3734291.22	435.00	435.00	435.30	435.60	436.10	436.30	436.30	435.20	436.70
3734241.22	435.20	435.20	434.70	435.30	435.30	436.10	436.90	436.60	436.70

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc *** 07/14/26

*** AERMET - VERSION 22112 *** ** *** 11:10:09

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483262.58	483312.58	483362.58	483412.58	483462.58	483512.58	483562.58	483612.58	483662.58

3735691.22	435.70	435.90	436.80	436.80	436.80	437.20	437.40	437.70	437.90
3735641.22	435.40	436.60	437.10	436.90	436.80	437.10	437.40	437.60	437.80
3735591.22	436.00	436.90	437.40	437.20	437.10	437.50	437.70	437.90	438.10
3735541.22	436.60	437.20	437.60	437.50	437.60	438.00	438.20	438.40	438.40
3735491.22	436.20	437.10	437.80	438.00	438.30	438.60	438.90	439.10	438.60
3735441.22	435.80	436.70	437.30	437.50	437.80	438.20	438.40	438.80	438.60
3735391.22	435.30	435.90	436.10	436.40	436.70	437.40	437.50	438.00	438.60
3735341.22	435.40	435.90	436.10	436.50	436.80	437.50	437.60	438.10	438.70
3735291.22	435.40	435.80	436.20	436.50	436.90	437.30	437.70	438.20	438.70
3735241.22	435.40	436.00	436.30	436.50	437.00	437.40	437.80	438.30	438.80
3735191.22	435.60	436.30	436.30	436.70	437.10	437.30	437.80	438.30	438.80
3735141.22	435.90	436.30	436.50	436.80	437.10	437.50	437.90	438.20	438.70
3735091.22	436.30	436.50	436.70	436.90	437.20	437.60	438.00	438.20	438.70
3735041.22	436.50	436.80	436.90	437.20	437.50	437.80	438.10	438.40	438.80
3734991.22	436.50	437.00	437.10	437.40	437.70	438.00	438.30	438.60	438.90
3734941.22	436.80	437.20	437.50	437.70	437.90	438.10	438.40	438.70	439.00
3734891.22	437.00	437.30	437.60	438.00	438.20	438.40	438.70	439.00	439.30
3734841.22	437.20	437.30	437.40	438.00	438.40	438.70	439.00	439.30	439.60
3734791.22	437.10	437.30	437.40	437.90	438.30	438.70	439.10	439.50	439.90
3734741.22	436.80	437.10	437.40	437.80	438.30	438.70	439.10	439.50	440.00
3734691.22	436.80	437.40	437.60	438.00	438.50	438.80	439.20	439.60	440.10
3734641.22	436.90	437.50	437.60	438.00	438.40	439.00	439.40	440.00	440.30
3734591.22	436.90	437.30	437.60	438.00	438.50	438.90	439.50	439.80	440.20
3734541.22	436.90	437.30	437.50	438.00	438.50	439.10	439.60	440.00	440.30
3734491.22	436.90	437.50	437.80	438.10	438.50	439.00	439.50	439.90	440.30
3734441.22	436.90	437.20	437.50	438.00	438.50	439.10	439.60	440.00	440.20
3734391.22	436.90	437.30	437.60	437.90	438.40	439.00	439.50	439.80	439.80
3734341.22	437.00	437.40	437.70	438.00	438.40	438.90	439.40	439.50	439.50
3734291.22	437.10	437.60	437.80	438.20	438.60	438.90	439.20	439.10	439.10
3734241.22	437.10	437.40	437.60	438.20	438.30	438.60	438.80	438.80	438.90

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483712.58	483762.58	483812.58	483862.58	483912.58	483962.58	484012.58	484062.58	484112.58

3735691.22	438.30	438.70	439.10	439.30	439.80	440.30	440.90	441.40	541.80
3735641.22	438.60	439.50	439.90	439.70	440.10	440.50	441.10	441.60	541.80
3735591.22	438.80	439.70	440.10	440.10	440.50	440.90	441.40	441.90	442.60
3735541.22	439.10	439.60	440.00	440.40	440.90	441.40	441.80	442.20	442.80
3735491.22	439.20	439.80	440.30	440.80	441.30	441.80	442.20	442.70	443.20
3735441.22	439.10	439.60	440.20	440.90	441.60	442.10	442.60	443.10	443.60
3735391.22	439.20	439.60	440.20	440.90	441.60	442.30	442.90	443.40	444.00
3735341.22	439.50	439.90	440.40	441.00	441.60	442.20	442.90	443.50	444.20
3735291.22	439.40	440.00	440.60	441.10	441.70	442.20	442.80	443.40	444.20
3735241.22	439.40	439.90	440.50	441.10	441.70	442.30	442.80	443.40	444.30
3735191.22	439.40	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.30
3735141.22	439.30	440.00	440.70	441.40	442.00	442.50	443.00	443.50	444.40
3735091.22	439.30	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.40
3735041.22	439.30	439.90	440.50	441.10	441.70	442.30	442.80	443.30	444.20
3734991.22	439.40	439.90	440.40	441.00	441.50	442.00	442.50	443.00	444.10
3734941.22	439.50	439.80	440.30	440.90	441.40	441.80	442.60	443.50	444.30
3734891.22	439.70	440.00	440.50	441.00	441.60	442.10	442.70	443.50	444.20
3734841.22	439.80	440.30	440.70	441.20	441.60	442.30	442.90	443.20	444.00
3734791.22	440.10	440.40	440.70	441.30	441.60	442.30	442.80	443.20	443.80
3734741.22	440.40	440.70	441.10	441.50	441.90	442.30	442.70	443.10	443.90
3734691.22	440.60	441.00	441.40	441.80	442.30	442.70	443.00	443.40	444.00
3734641.22	440.70	441.10	441.50	441.90	442.30	442.80	443.10	443.40	443.90
3734591.22	440.60	440.90	441.40	441.80	442.20	442.60	442.90	443.20	443.90
3734541.22	440.70	441.00	441.30	441.70	442.00	442.30	442.70	443.00	443.70
3734491.22	440.60	440.90	441.10	441.40	441.80	442.30	442.60	443.00	443.70
3734441.22	440.30	440.60	440.90	441.30	441.70	442.10	442.60	443.10	443.50
3734391.22	440.10	440.40	440.70	441.10	441.50	441.80	442.40	442.90	443.30
3734341.22	439.80	440.20	440.60	441.00	441.30	441.80	442.20	442.70	443.10
3734291.22	439.40	439.90	440.30	440.70	441.00	441.40	441.80	442.20	442.70
3734241.22	439.20	439.50	439.90	440.30	440.60	441.10	441.50	442.00	442.50

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	484162.58	484212.58	484262.58	484312.58	484362.58	484412.58	484462.58	484512.58	484562.58

3735691.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735641.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735591.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735541.22	443.40	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735491.22	443.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735441.22	444.20	444.60	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735391.22	444.60	445.00	445.40	541.80	541.80	541.80	541.80	541.80	541.80
3735341.22	444.80	445.30	445.80	446.20	446.60	541.80	541.80	541.80	541.80
3735291.22	444.70	445.40	446.00	446.70	447.20	447.60	541.80	541.80	541.80
3735241.22	444.70	445.30	446.00	446.70	447.30	447.80	448.40	449.00	541.80
3735191.22	444.80	445.30	446.00	446.60	447.40	447.90	448.40	449.00	449.50
3735141.22	444.80	445.40	446.00	446.70	447.30	447.80	448.40	449.00	449.60
3735091.22	444.90	445.50	446.00	446.70	447.20	447.70	448.40	449.00	449.60
3735041.22	444.80	445.40	446.10	446.60	447.10	447.70	448.20	448.90	449.50
3734991.22	444.80	445.50	446.00	446.30	446.80	447.30	448.00	448.70	449.30
3734941.22	444.70	445.20	445.50	445.90	446.40	447.00	447.80	448.60	449.30
3734891.22	444.50	444.70	445.00	445.60	446.20	446.80	447.60	448.50	449.30
3734841.22	444.10	444.20	444.60	445.30	446.10	446.80	447.60	448.50	449.20
3734791.22	444.10	444.30	444.70	445.30	445.90	446.60	447.30	448.20	448.90
3734741.22	444.20	444.60	444.90	445.30	445.80	446.40	447.10	447.90	448.70
3734691.22	444.30	444.60	445.00	445.50	445.90	446.40	446.90	447.70	448.40
3734641.22	444.20	444.50	445.10	445.70	446.30	446.80	447.20	447.70	448.20
3734591.22	444.10	444.60	445.30	445.90	446.60	447.10	447.60	447.90	448.30
3734541.22	444.10	444.60	445.20	445.70	446.40	446.90	447.40	447.90	448.40
3734491.22	444.20	444.70	445.30	445.90	446.20	446.70	447.30	447.80	448.30
3734441.22	444.00	444.50	445.00	446.10	446.20	446.60	446.90	447.20	447.60
3734391.22	443.70	444.10	444.60	445.90	446.10	446.40	446.70	447.00	447.30
3734341.22	443.40	443.80	444.30	445.70	445.80	446.10	446.40	446.60	447.00
3734291.22	443.10	443.50	443.90	445.50	445.60	446.10	446.30	446.50	446.80
3734241.22	442.80	443.20	443.70	445.10	445.10	445.50	445.80	446.10	446.60

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(483079.6, 3735332.7, 434.7, 434.7, 0.0);	(483147.6, 3735319.4, 434.9, 434.9, 0.0);
(483217.0, 3735382.9, 434.8, 434.8, 0.0);	(483388.6, 3735310.4, 436.3, 436.3, 0.0);
(483389.0, 3735285.7, 436.3, 436.3, 0.0);	(483526.3, 3735308.9, 437.5, 437.5, 0.0);
(483527.1, 3735288.2, 437.5, 437.5, 0.0);	(483653.5, 3735310.4, 438.6, 438.6, 0.0);
(483805.0, 3735316.5, 440.5, 440.5, 0.0);	(483985.9, 3735318.4, 442.5, 442.5, 0.0);
(484107.6, 3735241.2, 444.2, 444.2, 0.0);	(484101.2, 3735174.3, 444.1, 444.1, 0.0);
(482903.5, 3735168.5, 433.9, 433.9, 0.0);	(482873.8, 3735044.4, 434.2, 434.2, 0.0);
(482875.0, 3734943.0, 434.3, 434.3, 0.0);	(482904.7, 3734946.5, 434.5, 434.5, 0.0);
(482947.3, 3734851.5, 434.9, 434.9, 0.0);	(482849.3, 3734735.5, 434.5, 434.5, 0.0);
(482863.9, 3734708.1, 434.9, 434.9, 0.0);	(482791.2, 3734649.6, 434.5, 434.5, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID	-- RECEPTOR LOCATION -- XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000002	482912.6 3735291.2	0.33
L0000003	482912.6 3735291.2	-5.72
L0000004	482912.6 3735291.2	0.59
L0000008	482962.6 3735291.2	-0.88
L0000009	482962.6 3735291.2	-4.78
L0000014	483012.6 3735291.2	-1.91
L0000015	483012.6 3735291.2	-3.47
L0000020	483062.6 3735291.2	-2.66
L0000021	483062.6 3735291.2	-2.02
L0000026	483112.6 3735291.2	-3.01
L0000027	483112.6 3735291.2	-0.49
L0000032	483162.6 3735291.2	-2.90
L0000038	483212.6 3735291.2	-2.34
L0000043	483262.6 3735291.2	0.61
L0000044	483262.6 3735291.2	-1.44
L0000049	483312.6 3735291.2	-1.59
L0000055	483362.6 3735291.2	-1.58
L0000060	483412.6 3735291.2	0.15
L0000061	483412.6 3735291.2	-1.24
L0000066	483462.6 3735291.2	-0.87
L0000067	483462.6 3735291.2	-0.61
L0000072	483512.6 3735291.2	-1.69
L0000073	483512.6 3735291.2	0.25
L0000074	483527.1 3735288.2	0.82
L0000078	483562.6 3735291.2	-2.23
L0000084	483612.6 3735291.2	-2.42
L0000089	483662.6 3735291.2	0.24
L0000090	483662.6 3735291.2	-2.23
L0000095	483712.6 3735291.2	-0.92
L0000096	483712.6 3735291.2	-1.69

L0000101	483762.6	3735291.2	-1.94
L0000102	483762.6	3735291.2	-0.87
L0000107	483812.6	3735291.2	-2.71
L0000108	483812.6	3735291.2	0.15
L0000113	483862.6	3735291.2	-3.14
L0000118	483912.6	3735291.2	0.48
L0000119	483912.6	3735291.2	-3.16
L0000124	483962.6	3735291.2	-0.81
L0000125	483962.6	3735291.2	-2.75
L0000130	484012.6	3735291.2	-2.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

L0000131	484012.6	3735291.2	-1.99
L0000136	484062.6	3735291.2	-3.00
L0000137	484062.6	3735291.2	-0.99
L0000204	482862.6	3734741.2	-1.46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 111111

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.sfc Met Version: 22112
Profile file: O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

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

16 01 01 1 01 -21.3 0.220 -9.000 -9.000 -999. 248. 53.3 0.06 0.53 1.00 3.11 342. 11.6 279.8 5.4
16 01 01 1 02 -23.0 0.238 -9.000 -9.000 -999. 278. 62.2 0.06 0.53 1.00 3.35 343. 11.6 279.6 5.4
16 01 01 1 03 -19.6 0.202 -9.000 -9.000 -999. 218. 44.9 0.06 0.53 1.00 2.87 342. 11.6 279.1 5.4
16 01 01 1 04 -15.2 0.175 -9.000 -9.000 -999. 176. 33.8 0.06 0.53 1.00 2.51 340. 11.6 278.7 5.4
16 01 01 1 05 -4.4 0.093 -9.000 -9.000 -999. 70. 15.7 0.06 0.53 1.00 1.36 335. 11.6 277.5 5.4
16 01 01 1 06 -13.9 0.167 -9.000 -9.000 -999. 164. 30.7 0.06 0.53 1.00 2.41 337. 11.6 278.0 5.4
16 01 01 1 07 -7.6 0.122 -9.000 -9.000 -999. 102. 20.5 0.06 0.53 1.00 1.80 356. 11.6 277.3 5.4
16 01 01 1 08 -25.5 0.388 -9.000 -9.000 -999. 579. 197.5 0.09 0.53 0.53 4.73 74. 10.1 274.3 5.4
16 01 01 1 09 22.4 0.406 0.330 0.005 55. 621. -258.7 0.09 0.53 0.32 4.70 79. 10.1 277.2 5.4
16 01 01 1 10 55.5 0.399 0.599 0.005 134. 605. -99.0 0.09 0.53 0.25 4.46 85. 10.1 283.0 5.4
16 01 01 1 11 78.4 0.108 0.975 0.005 409. 229. -1.4 0.06 0.53 0.22 0.82 331. 11.6 286.7 5.4
16 01 01 1 12 85.7 0.137 1.097 0.005 532. 123. -2.6 0.04 0.53 0.21 1.30 34. 11.6 288.6 5.4
16 01 01 1 13 85.3 0.107 1.147 0.005 611. 84. -1.2 0.04 0.53 0.21 0.89 48. 11.6 290.2 5.4
16 01 01 1 14 61.6 0.118 1.057 0.005 662. 97. -2.3 0.06 0.53 0.22 0.96 9. 11.6 290.5 5.4
16 01 01 1 15 45.7 0.115 1.038 0.005 844. 93. -2.9 0.06 0.53 0.26 0.99 352. 11.6 290.7 5.4
16 01 01 1 16 14.9 0.098 0.732 0.005 908. 73. -5.4 0.04 0.53 0.35 1.03 41. 11.6 289.9 5.4
16 01 01 1 17 -13.7 0.171 -9.000 -9.000 -999. 169. 32.1 0.04 0.53 0.63 2.63 59. 11.6 287.2 5.4
16 01 01 1 18 -17.5 0.186 -9.000 -9.000 -999. 193. 38.2 0.04 0.53 1.00 2.86 43. 11.6 284.7 5.4
16 01 01 1 19 -18.1 0.193 -9.000 -9.000 -999. 204. 41.1 0.06 0.53 1.00 2.70 15. 11.6 283.9 5.4
16 01 01 1 20 -11.3 0.151 -9.000 -9.000 -999. 141. 26.4 0.06 0.53 1.00 2.15 10. 11.6 283.3 5.4
16 01 01 1 21 -4.4 0.094 -9.000 -9.000 -999. 69. 16.1 0.06 0.53 1.00 1.35 17. 11.6 283.0 5.4
16 01 01 1 22 -3.0 0.077 -9.000 -9.000 -999. 52. 13.5 0.04 0.53 1.00 1.16 36. 11.6 282.6 5.4
16 01 01 1 23 -2.4 0.074 -9.000 -9.000 -999. 48. 14.3 0.06 0.53 1.00 0.95 360. 11.6 281.7 5.4
16 01 01 1 24 -1.7 0.068 -9.000 -9.000 -999. 43. 15.7 0.06 0.53 1.00 0.74 334. 11.6 280.6 5.4

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

16 01 01 01 5.4 0 -999. -99.00 279.8 99.0 -99.00 -99.00

16 01 01 01 11.6 1 342. 3.11 -999.0 99.0 -99.00 -99.00

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

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** 11:10:09

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,
L0000022 ,L0000023 ,L0000024 ,L0000025 ,L0000026 ,L0000027 ,L0000028 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 482362.58 482412.58 482462.58 482512.58 482562.58 482612.58 482662.58 482712.58 482762.58

3735691.22	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005
3735641.22	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006
3735591.22	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007
3735541.22	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008
3735491.22	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009
3735441.22	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010
3735391.22	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00009	0.00010	0.00013
3735341.22	0.00004	0.00004	0.00005	0.00006	0.00007	0.00008	0.00010	0.00012	0.00015
3735291.22	0.00004	0.00005	0.00005	0.00006	0.00007	0.00009	0.00011	0.00013	0.00018
3735241.22	0.00004	0.00005	0.00006	0.00006	0.00008	0.00009	0.00011	0.00015	0.00021
3735191.22	0.00004	0.00005	0.00006	0.00007	0.00008	0.00010	0.00012	0.00016	0.00023
3735141.22	0.00005	0.00005	0.00006	0.00007	0.00008	0.00010	0.00013	0.00017	0.00024
3735091.22	0.00005	0.00005	0.00006	0.00007	0.00009	0.00010	0.00013	0.00017	0.00025
3735041.22	0.00005	0.00005	0.00006	0.00007	0.00009	0.00011	0.00013	0.00018	0.00025
3734991.22	0.00005	0.00005	0.00006	0.00007	0.00009	0.00011	0.00013	0.00018	0.00025
3734941.22	0.00005	0.00005	0.00006	0.00007	0.00009	0.00011	0.00013	0.00017	0.00024
3734891.22	0.00005	0.00005	0.00006	0.00007	0.00008	0.00010	0.00013	0.00017	0.00024
3734841.22	0.00004	0.00005	0.00006	0.00007	0.00008	0.00010	0.00013	0.00017	0.00024
3734791.22	0.00004	0.00005	0.00006	0.00007	0.00008	0.00010	0.00012	0.00016	0.00023
3734741.22	0.00004	0.00005	0.00005	0.00006	0.00007	0.00009	0.00011	0.00015	0.00023
3734691.22	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00010	0.00014	0.00021
3734641.22	0.00004	0.00004	0.00005	0.00006	0.00006	0.00007	0.00009	0.00012	0.00016
3734591.22	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009	0.00011
3734541.22	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008	0.00009

[illegible]

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,
L0000022 ,L0000023 ,L0000024 ,L0000025 ,L0000026 ,L0000027 ,L0000028 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 482812.58 482862.58 482912.58 482962.58 483012.58 483062.58 483112.58 483162.58 483212.58

3735691.22	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007
3735641.22	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00008
3735591.22	0.00007	0.00008	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009
3735541.22	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011
3735491.22	0.00010	0.00011	0.00012	0.00013	0.00013	0.00014	0.00014	0.00014	0.00014
3735441.22	0.00012	0.00014	0.00016	0.00017	0.00018	0.00018	0.00018	0.00018	0.00018
3735391.22	0.00016	0.00020	0.00024	0.00026	0.00026	0.00026	0.00026	0.00026	0.00026
3735341.22	0.00021	0.00032	0.00045	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048
3735291.22	0.00028	0.00064	0.00099	0.00109	0.00104	0.00102	0.00101	0.00126	0.00124
3735241.22	0.00035	0.00090	0.00127	0.00065	0.00056	0.00052	0.00050	0.00048	0.00047
3735191.22	0.00038	0.00095	0.00126	0.00054	0.00040	0.00035	0.00032	0.00031	0.00029
3735141.22	0.00039	0.00096	0.00125	0.00051	0.00035	0.00029	0.00025	0.00024	0.00022
3735091.22	0.00040	0.00097	0.00125	0.00050	0.00033	0.00026	0.00022	0.00020	0.00019
3735041.22	0.00040	0.00097	0.00124	0.00049	0.00032	0.00024	0.00020	0.00018	0.00016
3734991.22	0.00040	0.00097	0.00123	0.00049	0.00031	0.00023	0.00019	0.00016	0.00015
3734941.22	0.00039	0.00097	0.00122	0.00048	0.00030	0.00022	0.00018	0.00015	0.00013
3734891.22	0.00039	0.00096	0.00120	0.00047	0.00029	0.00021	0.00017	0.00014	0.00012
3734841.22	0.00039	0.00096	0.00118	0.00045	0.00027	0.00020	0.00016	0.00013	0.00012
3734791.22	0.00040	0.00099	0.00111	0.00041	0.00025	0.00018	0.00015	0.00012	0.00011
3734741.22	0.00047	0.00154	0.00077	0.00035	0.00023	0.00017	0.00013	0.00011	0.00010
3734691.22	0.00058	0.00093	0.00043	0.00027	0.00019	0.00015	0.00012	0.00010	0.00009
3734641.22	0.00023	0.00030	0.00026	0.00020	0.00016	0.00013	0.00011	0.00010	0.00008
3734591.22	0.00014	0.00016	0.00016	0.00015	0.00013	0.00011	0.00010	0.00009	0.00008
3734541.22	0.00010	0.00011	0.00011	0.00011	0.00011	0.00010	0.00009	0.00008	0.00007

[illegible]

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc *** 07/14/26

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,
L0000022 ,L0000023 ,L0000024 ,L0000025 ,L0000026 ,L0000027 ,L0000028 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 483262.58 483312.58 483362.58 483412.58 483462.58 483512.58 483562.58 483612.58 483662.58

3735691.22 | 0.00007 0.00007 0.00007 0.00007 0.00007 0.00006 0.00006 0.00006 0.00006
3735641.22 | 0.00008 0.00008 0.00008 0.00008 0.00008 0.00008 0.00007 0.00007 0.00007
3735591.22 | 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00009 0.00008
3735541.22 | 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011 0.00010 0.00010 0.00010
3735491.22 | 0.00014 0.00014 0.00014 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013
3735441.22 | 0.00018 0.00018 0.00018 0.00018 0.00017 0.00017 0.00017 0.00017 0.00017
3735391.22 | 0.00026 0.00026 0.00026 0.00025 0.00025 0.00025 0.00025 0.00025 0.00024
3735341.22 | 0.00047 0.00047 0.00048 0.00048 0.00047 0.00047 0.00047 0.00046 0.00046
3735291.22 | 0.00094 0.00118 0.00122 0.00096 0.00096 0.00097 0.00122 0.00123 0.00096
3735241.22 | 0.00046 0.00045 0.00045 0.00045 0.00045 0.00045 0.00045 0.00045 0.00045
3735191.22 | 0.00029 0.00028 0.00028 0.00027 0.00027 0.00027 0.00027 0.00026 0.00026
3735141.22 | 0.00021 0.00021 0.00020 0.00020 0.00020 0.00019 0.00019 0.00019 0.00019
3735091.22 | 0.00018 0.00017 0.00016 0.00016 0.00016 0.00015 0.00015 0.00015 0.00015
3735041.22 | 0.00015 0.00014 0.00014 0.00013 0.00013 0.00013 0.00012 0.00012 0.00012
3734991.22 | 0.00014 0.00013 0.00012 0.00012 0.00011 0.00011 0.00011 0.00010 0.00010
3734941.22 | 0.00012 0.00011 0.00011 0.00010 0.00010 0.00010 0.00009 0.00009 0.00009
3734891.22 | 0.00011 0.00010 0.00010 0.00009 0.00009 0.00009 0.00008 0.00008 0.00008
3734841.22 | 0.00010 0.00010 0.00009 0.00008 0.00008 0.00008 0.00007 0.00007 0.00007
3734791.22 | 0.00010 0.00009 0.00008 0.00008 0.00007 0.00007 0.00007 0.00007 0.00006
3734741.22 | 0.00009 0.00008 0.00008 0.00007 0.00007 0.00006 0.00006 0.00006 0.00006
3734691.22 | 0.00008 0.00008 0.00007 0.00007 0.00006 0.00006 0.00006 0.00005 0.00005
3734641.22 | 0.00008 0.00007 0.00007 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005
3734591.22 | 0.00007 0.00007 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005
3734541.22 | 0.00007 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004

3734491.22	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
3734441.22	0.00006	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3734391.22	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3734341.22	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003
3734291.22	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
3734241.22	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,
L0000022 ,L0000023 ,L0000024 ,L0000025 ,L0000026 ,L0000027 ,L0000028 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 483712.58 483762.58 483812.58 483862.58 483912.58 483962.58 484012.58 484062.58 484112.58

3735691.22 | 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004
3735641.22 | 0.00007 0.00007 0.00006 0.00006 0.00006 0.00006 0.00005 0.00005 0.00004
3735591.22 | 0.00008 0.00008 0.00008 0.00007 0.00007 0.00006 0.00006 0.00005 0.00005
3735541.22 | 0.00010 0.00010 0.00009 0.00009 0.00008 0.00008 0.00007 0.00006 0.00006
3735491.22 | 0.00012 0.00012 0.00012 0.00011 0.00011 0.00010 0.00009 0.00008 0.00007
3735441.22 | 0.00016 0.00016 0.00016 0.00015 0.00014 0.00013 0.00012 0.00010 0.00009
3735391.22 | 0.00024 0.00024 0.00023 0.00022 0.00022 0.00020 0.00018 0.00015 0.00011
3735341.22 | 0.00046 0.00045 0.00044 0.00044 0.00043 0.00041 0.00038 0.00031 0.00018
3735291.22 | 0.00095 0.00095 0.00096 0.00122 0.00095 0.00092 0.00088 0.00076 0.00028
3735241.22 | 0.00044 0.00044 0.00044 0.00043 0.00042 0.00041 0.00038 0.00032 0.00020
3735191.22 | 0.00026 0.00025 0.00025 0.00024 0.00024 0.00022 0.00020 0.00018 0.00014
3735141.22 | 0.00018 0.00018 0.00017 0.00017 0.00016 0.00015 0.00014 0.00012 0.00011
3735091.22 | 0.00014 0.00014 0.00013 0.00013 0.00012 0.00012 0.00011 0.00010 0.00009
3735041.22 | 0.00012 0.00011 0.00011 0.00010 0.00010 0.00009 0.00009 0.00008 0.00007
3734991.22 | 0.00010 0.00009 0.00009 0.00009 0.00008 0.00008 0.00007 0.00007 0.00006
3734941.22 | 0.00008 0.00008 0.00008 0.00008 0.00007 0.00007 0.00006 0.00006 0.00006
3734891.22 | 0.00007 0.00007 0.00007 0.00007 0.00006 0.00006 0.00006 0.00005 0.00005
3734841.22 | 0.00007 0.00006 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005
3734791.22 | 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005 0.00004
3734741.22 | 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004
3734691.22 | 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00004
3734641.22 | 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003
3734591.22 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003
3734541.22 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003 0.00003 0.00003

3734491.22	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
3734441.22	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3734391.22	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3734341.22	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3734291.22	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
3734241.22	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc

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*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,
L0000022 ,L0000023 ,L0000024 ,L0000025 ,L0000026 ,L0000027 ,L0000028 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 484162.58 484212.58 484262.58 484312.58 484362.58 484412.58 484462.58 484512.58 484562.58

3735691.22	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
3735641.22	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3735591.22	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3735541.22	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3735491.22	0.00006	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3735441.22	0.00007	0.00006	0.00005	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3735391.22	0.00008	0.00006	0.00005	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002
3735341.22	0.00010	0.00007	0.00005	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002
3735291.22	0.00011	0.00007	0.00006	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002
3735241.22	0.00011	0.00007	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002
3735191.22	0.00010	0.00007	0.00005	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002
3735141.22	0.00008	0.00007	0.00005	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002
3735091.22	0.00007	0.00006	0.00005	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3735041.22	0.00006	0.00006	0.00005	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3734991.22	0.00006	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3734941.22	0.00005	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3734891.22	0.00005	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002
3734841.22	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3734791.22	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3734741.22	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3734691.22	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3734641.22	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3734591.22	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3734541.22	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002

[illegible]

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc *** 07/14/26

*** AERMET - VERSION 22112 *** ** *** 11:10:09

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,L0000018 ,L0000019 ,L0000020 ,L0000021 ,
L0000022 ,L0000023 ,L0000024 ,L0000025 ,L0000026 ,L0000027 ,L0000028 , ... ,

*** 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
483079.58	3735332.70	0.00057	483147.65	3735319.41	0.00080
483216.97	3735382.92	0.00028	483388.63	3735310.42	0.00114
483388.95	3735285.66	0.00124	483526.31	3735308.86	0.00120
483527.10	3735288.20	0.00113	483653.55	3735310.44	0.00109
483805.03	3735316.49	0.00084	483985.93	3735318.36	0.00073
484107.56	3735241.19	0.00022	484101.21	3735174.27	0.00013
482903.55	3735168.53	0.00172	482873.83	3735044.40	0.00142
482874.99	3734942.99	0.00149	482904.72	3734946.49	0.00159
482947.26	3734851.49	0.00056	482849.35	3734735.52	0.00136
482863.86	3734708.13	0.00142	482791.16	3734649.56	0.00022

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2025.025\Perris_2025.isc *** 07/14/26
*** AERMET - VERSION 22112 *** ** *** 11:10:09

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	0.00172 AT (482903.55, 3735168.53, 433.86, 433.86, 0.00) DC
	2ND HIGHEST VALUE IS	0.00159 AT (482904.72, 3734946.49, 434.49, 434.49, 0.00) DC
	3RD HIGHEST VALUE IS	0.00154 AT (482862.58, 3734741.22, 434.60, 434.60, 0.00) GC UCART1
	4TH HIGHEST VALUE IS	0.00149 AT (482874.99, 3734942.99, 434.26, 434.26, 0.00) DC
	5TH HIGHEST VALUE IS	0.00142 AT (482873.83, 3735044.40, 434.24, 434.24, 0.00) DC
	6TH HIGHEST VALUE IS	0.00142 AT (482863.86, 3734708.13, 434.88, 434.88, 0.00) DC
	7TH HIGHEST VALUE IS	0.00136 AT (482849.35, 3734735.52, 434.50, 434.50, 0.00) DC
	8TH HIGHEST VALUE IS	0.00127 AT (482912.58, 3735241.22, 433.90, 433.90, 0.00) GC UCART1
	9TH HIGHEST VALUE IS	0.00126 AT (483162.58, 3735291.22, 434.80, 434.80, 0.00) GC UCART1
	10TH HIGHEST VALUE IS	0.00126 AT (482912.58, 3735191.22, 433.90, 433.90, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 24142 *** J:\AER\Perris_2025.025\Perris_2025.isc *** 07/14/26
*** AERMET - VERSION 22112 *** *** 11:10:09

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*** MODELOPTs: RegDEFAULT 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 2 Warning Message(s)
A Total of 598 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 227 Calm Hours Identified

A Total of 371 Missing Hours Identified (0.85 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186 542 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 542 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.1.0
** Lakes Environmental Software Inc.
** Date: 7/14/2026
** File: J:\AER\Perris_2045\Perris_2045.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE J:\AER\Perris_2045\Perris_2045.isc
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2492442
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL Perris_2045.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 = SLINE40
** DESCRSRC TA Segment 40: Mapes Road (Trumble to Sherman)
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.5988E-06
```

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 2

** 482891.210, 3735293.857, 433.33, 3.49, 4.00

** 483288.133, 3735298.271, 435.53, 3.49, 4.00

** -----

LOCATION L0000212	VOLUME	482895.505	3735293.905	433.35
LOCATION L0000213	VOLUME	482904.094	3735294.000	433.40
LOCATION L0000214	VOLUME	482912.683	3735294.096	433.45
LOCATION L0000215	VOLUME	482921.273	3735294.191	433.50
LOCATION L0000216	VOLUME	482929.862	3735294.287	433.54
LOCATION L0000217	VOLUME	482938.452	3735294.382	433.59
LOCATION L0000218	VOLUME	482947.041	3735294.478	433.64
LOCATION L0000219	VOLUME	482955.631	3735294.573	433.69
LOCATION L0000220	VOLUME	482964.220	3735294.669	433.73
LOCATION L0000221	VOLUME	482972.810	3735294.764	433.78
LOCATION L0000222	VOLUME	482981.399	3735294.860	433.83
LOCATION L0000223	VOLUME	482989.989	3735294.955	433.88
LOCATION L0000224	VOLUME	482998.578	3735295.051	433.93
LOCATION L0000225	VOLUME	483007.168	3735295.147	433.97
LOCATION L0000226	VOLUME	483015.757	3735295.242	434.02
LOCATION L0000227	VOLUME	483024.347	3735295.338	434.07
LOCATION L0000228	VOLUME	483032.936	3735295.433	434.12
LOCATION L0000229	VOLUME	483041.526	3735295.529	434.16
LOCATION L0000230	VOLUME	483050.115	3735295.624	434.21
LOCATION L0000231	VOLUME	483058.704	3735295.720	434.26
LOCATION L0000232	VOLUME	483067.294	3735295.815	434.31
LOCATION L0000233	VOLUME	483075.883	3735295.911	434.35
LOCATION L0000234	VOLUME	483084.473	3735296.006	434.40
LOCATION L0000235	VOLUME	483093.062	3735296.102	434.45
LOCATION L0000236	VOLUME	483101.652	3735296.197	434.50
LOCATION L0000237	VOLUME	483110.241	3735296.293	434.54
LOCATION L0000238	VOLUME	483118.831	3735296.388	434.59
LOCATION L0000239	VOLUME	483127.420	3735296.484	434.64
LOCATION L0000240	VOLUME	483136.010	3735296.579	434.69
LOCATION L0000241	VOLUME	483144.599	3735296.675	434.73
LOCATION L0000242	VOLUME	483153.189	3735296.770	434.78
LOCATION L0000243	VOLUME	483161.778	3735296.866	434.83
LOCATION L0000244	VOLUME	483170.368	3735296.961	434.88
LOCATION L0000245	VOLUME	483178.957	3735297.057	434.92
LOCATION L0000246	VOLUME	483187.546	3735297.152	434.97
LOCATION L0000247	VOLUME	483196.136	3735297.248	435.02

LOCATION L0000248	VOLUME	483204.725	3735297.343	435.07
LOCATION L0000249	VOLUME	483213.315	3735297.439	435.12
LOCATION L0000250	VOLUME	483221.904	3735297.534	435.16
LOCATION L0000251	VOLUME	483230.494	3735297.630	435.21
LOCATION L0000252	VOLUME	483239.083	3735297.725	435.26
LOCATION L0000253	VOLUME	483247.673	3735297.821	435.31
LOCATION L0000254	VOLUME	483256.262	3735297.917	435.35
LOCATION L0000255	VOLUME	483264.852	3735298.012	435.40
LOCATION L0000256	VOLUME	483273.441	3735298.108	435.45
LOCATION L0000257	VOLUME	483282.031	3735298.203	435.50

** End of LINE VOLUME Source ID = SLINE40

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE41

** DESCRSRC TA Segment 41: Mapes Road (Sherman to Antelope)

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 9.4004E-06

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 2

** 483291.040, 3735298.290, 435.52, 3.49, 4.00

** 484091.996, 3735296.014, 443.86, 3.49, 4.00

** -----

LOCATION L0000258	VOLUME	483295.335	3735298.278	435.56
LOCATION L0000259	VOLUME	483303.925	3735298.253	435.65
LOCATION L0000260	VOLUME	483312.515	3735298.229	435.74
LOCATION L0000261	VOLUME	483321.105	3735298.204	435.83
LOCATION L0000262	VOLUME	483329.695	3735298.180	435.92
LOCATION L0000263	VOLUME	483338.285	3735298.155	436.01
LOCATION L0000264	VOLUME	483346.875	3735298.131	436.10
LOCATION L0000265	VOLUME	483355.465	3735298.107	436.19
LOCATION L0000266	VOLUME	483364.055	3735298.082	436.28
LOCATION L0000267	VOLUME	483372.645	3735298.058	436.37
LOCATION L0000268	VOLUME	483381.235	3735298.033	436.46
LOCATION L0000269	VOLUME	483389.825	3735298.009	436.55
LOCATION L0000270	VOLUME	483398.415	3735297.985	436.64
LOCATION L0000271	VOLUME	483407.005	3735297.960	436.73
LOCATION L0000272	VOLUME	483415.595	3735297.936	436.82
LOCATION L0000273	VOLUME	483424.185	3735297.911	436.91
LOCATION L0000274	VOLUME	483432.775	3735297.887	437.00

LOCATION L0000275	VOLUME	483441.364	3735297.863	437.09
LOCATION L0000276	VOLUME	483449.954	3735297.838	437.17
LOCATION L0000277	VOLUME	483458.544	3735297.814	437.26
LOCATION L0000278	VOLUME	483467.134	3735297.789	437.35
LOCATION L0000279	VOLUME	483475.724	3735297.765	437.44
LOCATION L0000280	VOLUME	483484.314	3735297.741	437.53
LOCATION L0000281	VOLUME	483492.904	3735297.716	437.62
LOCATION L0000282	VOLUME	483501.494	3735297.692	437.71
LOCATION L0000283	VOLUME	483510.084	3735297.667	437.80
LOCATION L0000284	VOLUME	483518.674	3735297.643	437.89
LOCATION L0000285	VOLUME	483527.264	3735297.619	437.98
LOCATION L0000286	VOLUME	483535.854	3735297.594	438.07
LOCATION L0000287	VOLUME	483544.444	3735297.570	438.16
LOCATION L0000288	VOLUME	483553.034	3735297.545	438.25
LOCATION L0000289	VOLUME	483561.624	3735297.521	438.34
LOCATION L0000290	VOLUME	483570.214	3735297.497	438.43
LOCATION L0000291	VOLUME	483578.804	3735297.472	438.52
LOCATION L0000292	VOLUME	483587.394	3735297.448	438.61
LOCATION L0000293	VOLUME	483595.984	3735297.423	438.70
LOCATION L0000294	VOLUME	483604.574	3735297.399	438.78
LOCATION L0000295	VOLUME	483613.164	3735297.375	438.87
LOCATION L0000296	VOLUME	483621.754	3735297.350	438.96
LOCATION L0000297	VOLUME	483630.344	3735297.326	439.05
LOCATION L0000298	VOLUME	483638.934	3735297.301	439.14
LOCATION L0000299	VOLUME	483647.524	3735297.277	439.23
LOCATION L0000300	VOLUME	483656.114	3735297.252	439.32
LOCATION L0000301	VOLUME	483664.704	3735297.228	439.41
LOCATION L0000302	VOLUME	483673.294	3735297.204	439.50
LOCATION L0000303	VOLUME	483681.884	3735297.179	439.59
LOCATION L0000304	VOLUME	483690.473	3735297.155	439.68
LOCATION L0000305	VOLUME	483699.063	3735297.130	439.77
LOCATION L0000306	VOLUME	483707.653	3735297.106	439.86
LOCATION L0000307	VOLUME	483716.243	3735297.082	439.95
LOCATION L0000308	VOLUME	483724.833	3735297.057	440.04
LOCATION L0000309	VOLUME	483733.423	3735297.033	440.13
LOCATION L0000310	VOLUME	483742.013	3735297.008	440.22
LOCATION L0000311	VOLUME	483750.603	3735296.984	440.31
LOCATION L0000312	VOLUME	483759.193	3735296.960	440.39
LOCATION L0000313	VOLUME	483767.783	3735296.935	440.48
LOCATION L0000314	VOLUME	483776.373	3735296.911	440.57
LOCATION L0000315	VOLUME	483784.963	3735296.886	440.66
LOCATION L0000316	VOLUME	483793.553	3735296.862	440.75
LOCATION L0000317	VOLUME	483802.143	3735296.838	440.84

LOCATION L0000318	VOLUME	483810.733	3735296.813	440.93
LOCATION L0000319	VOLUME	483819.323	3735296.789	441.02
LOCATION L0000320	VOLUME	483827.913	3735296.764	441.11
LOCATION L0000321	VOLUME	483836.503	3735296.740	441.20
LOCATION L0000322	VOLUME	483845.093	3735296.716	441.29
LOCATION L0000323	VOLUME	483853.683	3735296.691	441.38
LOCATION L0000324	VOLUME	483862.273	3735296.667	441.47
LOCATION L0000325	VOLUME	483870.863	3735296.642	441.56
LOCATION L0000326	VOLUME	483879.453	3735296.618	441.65
LOCATION L0000327	VOLUME	483888.043	3735296.594	441.74
LOCATION L0000328	VOLUME	483896.633	3735296.569	441.83
LOCATION L0000329	VOLUME	483905.223	3735296.545	441.92
LOCATION L0000330	VOLUME	483913.813	3735296.520	442.00
LOCATION L0000331	VOLUME	483922.403	3735296.496	442.09
LOCATION L0000332	VOLUME	483930.993	3735296.472	442.18
LOCATION L0000333	VOLUME	483939.582	3735296.447	442.27
LOCATION L0000334	VOLUME	483948.172	3735296.423	442.36
LOCATION L0000335	VOLUME	483956.762	3735296.398	442.45
LOCATION L0000336	VOLUME	483965.352	3735296.374	442.54
LOCATION L0000337	VOLUME	483973.942	3735296.349	442.63
LOCATION L0000338	VOLUME	483982.532	3735296.325	442.72
LOCATION L0000339	VOLUME	483991.122	3735296.301	442.81
LOCATION L0000340	VOLUME	483999.712	3735296.276	442.90
LOCATION L0000341	VOLUME	484008.302	3735296.252	442.99
LOCATION L0000342	VOLUME	484016.892	3735296.227	443.08
LOCATION L0000343	VOLUME	484025.482	3735296.203	443.17
LOCATION L0000344	VOLUME	484034.072	3735296.179	443.26
LOCATION L0000345	VOLUME	484042.662	3735296.154	443.35
LOCATION L0000346	VOLUME	484051.252	3735296.130	443.44
LOCATION L0000347	VOLUME	484059.842	3735296.105	443.53
LOCATION L0000348	VOLUME	484068.432	3735296.081	443.61
LOCATION L0000349	VOLUME	484077.022	3735296.057	443.70
LOCATION L0000350	VOLUME	484085.612	3735296.032	443.79

** End of LINE VOLUME Source ID = SLINE41

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE49

** DESCRSRC TA Segment 49: Trumble Road (Mapes to SR-74)

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0000189619

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 6

** 482890.385, 3735286.712, 433.33, 3.49, 4.00

** 482888.990, 3734792.872, 434.65, 3.49, 4.00

** 482888.219, 3734776.215, 434.67, 3.49, 4.00

** 482883.747, 3734762.026, 434.70, 3.49, 4.00

** 482877.886, 3734749.842, 434.74, 3.49, 4.00

** 482829.071, 3734684.659, 434.49, 3.49, 4.00

** -----

LOCATION L0000351	VOLUME	482890.373	3735282.417	433.34
LOCATION L0000352	VOLUME	482890.349	3735273.827	433.36
LOCATION L0000353	VOLUME	482890.325	3735265.237	433.39
LOCATION L0000354	VOLUME	482890.300	3735256.647	433.41
LOCATION L0000355	VOLUME	482890.276	3735248.057	433.43
LOCATION L0000356	VOLUME	482890.252	3735239.467	433.46
LOCATION L0000357	VOLUME	482890.228	3735230.877	433.48
LOCATION L0000358	VOLUME	482890.203	3735222.287	433.50
LOCATION L0000359	VOLUME	482890.179	3735213.697	433.53
LOCATION L0000360	VOLUME	482890.155	3735205.107	433.55
LOCATION L0000361	VOLUME	482890.130	3735196.517	433.57
LOCATION L0000362	VOLUME	482890.106	3735187.927	433.59
LOCATION L0000363	VOLUME	482890.082	3735179.337	433.62
LOCATION L0000364	VOLUME	482890.058	3735170.747	433.64
LOCATION L0000365	VOLUME	482890.033	3735162.157	433.66
LOCATION L0000366	VOLUME	482890.009	3735153.567	433.69
LOCATION L0000367	VOLUME	482889.985	3735144.977	433.71
LOCATION L0000368	VOLUME	482889.961	3735136.387	433.73
LOCATION L0000369	VOLUME	482889.936	3735127.797	433.75
LOCATION L0000370	VOLUME	482889.912	3735119.207	433.78
LOCATION L0000371	VOLUME	482889.888	3735110.617	433.80
LOCATION L0000372	VOLUME	482889.864	3735102.027	433.82
LOCATION L0000373	VOLUME	482889.839	3735093.437	433.85
LOCATION L0000374	VOLUME	482889.815	3735084.847	433.87
LOCATION L0000375	VOLUME	482889.791	3735076.257	433.89
LOCATION L0000376	VOLUME	482889.767	3735067.667	433.92
LOCATION L0000377	VOLUME	482889.742	3735059.077	433.94
LOCATION L0000378	VOLUME	482889.718	3735050.487	433.96
LOCATION L0000379	VOLUME	482889.694	3735041.897	433.98
LOCATION L0000380	VOLUME	482889.669	3735033.308	434.01
LOCATION L0000381	VOLUME	482889.645	3735024.718	434.03
LOCATION L0000382	VOLUME	482889.621	3735016.128	434.05
LOCATION L0000383	VOLUME	482889.597	3735007.538	434.08

LOCATION L0000384	VOLUME	482889.572	3734998.948	434.10
LOCATION L0000385	VOLUME	482889.548	3734990.358	434.12
LOCATION L0000386	VOLUME	482889.524	3734981.768	434.15
LOCATION L0000387	VOLUME	482889.500	3734973.178	434.17
LOCATION L0000388	VOLUME	482889.475	3734964.588	434.19
LOCATION L0000389	VOLUME	482889.451	3734955.998	434.21
LOCATION L0000390	VOLUME	482889.427	3734947.408	434.24
LOCATION L0000391	VOLUME	482889.403	3734938.818	434.26
LOCATION L0000392	VOLUME	482889.378	3734930.228	434.28
LOCATION L0000393	VOLUME	482889.354	3734921.638	434.31
LOCATION L0000394	VOLUME	482889.330	3734913.048	434.33
LOCATION L0000395	VOLUME	482889.306	3734904.458	434.35
LOCATION L0000396	VOLUME	482889.281	3734895.868	434.37
LOCATION L0000397	VOLUME	482889.257	3734887.278	434.40
LOCATION L0000398	VOLUME	482889.233	3734878.688	434.42
LOCATION L0000399	VOLUME	482889.209	3734870.098	434.44
LOCATION L0000400	VOLUME	482889.184	3734861.508	434.47
LOCATION L0000401	VOLUME	482889.160	3734852.918	434.49
LOCATION L0000402	VOLUME	482889.136	3734844.328	434.51
LOCATION L0000403	VOLUME	482889.111	3734835.738	434.54
LOCATION L0000404	VOLUME	482889.087	3734827.148	434.56
LOCATION L0000405	VOLUME	482889.063	3734818.558	434.58
LOCATION L0000406	VOLUME	482889.039	3734809.968	434.60
LOCATION L0000407	VOLUME	482889.014	3734801.378	434.63
LOCATION L0000408	VOLUME	482888.987	3734792.789	434.65
LOCATION L0000409	VOLUME	482888.589	3734784.208	434.66
LOCATION L0000410	VOLUME	482888.042	3734775.654	434.67
LOCATION L0000411	VOLUME	482885.460	3734767.461	434.69
LOCATION L0000412	VOLUME	482882.493	3734759.420	434.71
LOCATION L0000413	VOLUME	482878.770	3734751.679	434.73
LOCATION L0000414	VOLUME	482873.959	3734744.598	434.72
LOCATION L0000415	VOLUME	482868.810	3734737.723	434.69
LOCATION L0000416	VOLUME	482863.661	3734730.847	434.67
LOCATION L0000417	VOLUME	482858.511	3734723.971	434.64
LOCATION L0000418	VOLUME	482853.362	3734717.096	434.61
LOCATION L0000419	VOLUME	482848.213	3734710.220	434.59
LOCATION L0000420	VOLUME	482843.064	3734703.344	434.56
LOCATION L0000421	VOLUME	482837.915	3734696.469	434.54
LOCATION L0000422	VOLUME	482832.766	3734689.593	434.51

** End of LINE VOLUME Source ID = SLINE49

** Source Parameters **

** LINE VOLUME Source ID = SLINE40

SRCPARAM L0000212	0.00000009997	3.49	4.00	1.62
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[illegible]

SRCPARAM L0000256	0.00000009997	3.49	4.00	1.62
SRCPARAM L0000257	0.00000009997	3.49	4.00	1.62

**-----

** LINE VOLUME Source ID = SLINE41

SRCPARAM L0000258	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000259	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000260	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000261	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000262	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000263	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000264	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000265	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000266	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000267	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000268	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000269	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000270	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000271	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000272	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000273	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000274	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000275	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000276	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000277	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000278	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000279	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000280	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000281	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000282	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000283	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000284	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000285	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000286	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000287	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000288	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000289	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000290	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000291	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000292	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000293	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000294	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000295	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000296	0.0000001011	3.49	4.00	1.62

[illegible]

SRCPARAM L0000340	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000341	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000342	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000343	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000344	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000345	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000346	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000347	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000348	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000349	0.0000001011	3.49	4.00	1.62
SRCPARAM L0000350	0.0000001011	3.49	4.00	1.62

**-----

** LINE VOLUME Source ID = SLINE49

SRCPARAM L0000351	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000352	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000353	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000354	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000355	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000356	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000357	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000358	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000359	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000360	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000361	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000362	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000363	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000364	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000365	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000366	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000367	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000368	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000369	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000370	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000371	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000372	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000373	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000374	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000375	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000376	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000377	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000378	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000379	0.0000002634	3.49	4.00	1.62
SRCPARAM L0000380	0.0000002634	3.49	4.00	1.62

URBANSRC ALL
SRCGROUP ALL
SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED Perris_2045.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.sfc"

PROFFILE "O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.PFL"

SURFDATA 3171 2016

UAIRDATA 3190 2016

SITEDATA 60656001 2016

PROFBASE 442.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

** Auto-Generated Plotfiles

PLOTFILE PERIOD ALL PERRIS_2045.AD\PE00GALL.PLT 31

SUMMFILE Perris_2045.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 542 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 542 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
*** AERMET - VERSION 22112 *** *** *** 14:13:35

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 211 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 2492442.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 211 Source(s); 1 Source Group(s); and 1370 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 211 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

****The AERMET Input Meteorological Data Version Date: 22112**

****Output Options Selected:**

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

****NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours**

m for Missing Hours

b for Both Calm and Missing Hours

****Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0**

Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

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

****Input Runstream File: aermod.inp**

****Output Print File: aermod.out**

****Detailed Error/Message File: Perris_2045.err**

****File for Summary of Results: Perris_2045.sum**

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV. HEIGHT	SY	SZ	SOURCE SCALAR VARY	
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000212	0	0.99970E-07	482895.5	3735293.9	433.4	3.49	4.00	1.62 YES NO
L0000213	0	0.99970E-07	482904.1	3735294.0	433.4	3.49	4.00	1.62 YES NO
L0000214	0	0.99970E-07	482912.7	3735294.1	433.4	3.49	4.00	1.62 YES NO
L0000215	0	0.99970E-07	482921.3	3735294.2	433.5	3.49	4.00	1.62 YES NO
L0000216	0	0.99970E-07	482929.9	3735294.3	433.5	3.49	4.00	1.62 YES NO
L0000217	0	0.99970E-07	482938.5	3735294.4	433.6	3.49	4.00	1.62 YES NO
L0000218	0	0.99970E-07	482947.0	3735294.5	433.6	3.49	4.00	1.62 YES NO
L0000219	0	0.99970E-07	482955.6	3735294.6	433.7	3.49	4.00	1.62 YES NO
L0000220	0	0.99970E-07	482964.2	3735294.7	433.7	3.49	4.00	1.62 YES NO
L0000221	0	0.99970E-07	482972.8	3735294.8	433.8	3.49	4.00	1.62 YES NO
L0000222	0	0.99970E-07	482981.4	3735294.9	433.8	3.49	4.00	1.62 YES NO
L0000223	0	0.99970E-07	482990.0	3735295.0	433.9	3.49	4.00	1.62 YES NO
L0000224	0	0.99970E-07	482998.6	3735295.1	433.9	3.49	4.00	1.62 YES NO
L0000225	0	0.99970E-07	483007.2	3735295.1	434.0	3.49	4.00	1.62 YES NO
L0000226	0	0.99970E-07	483015.8	3735295.2	434.0	3.49	4.00	1.62 YES NO
L0000227	0	0.99970E-07	483024.3	3735295.3	434.1	3.49	4.00	1.62 YES NO
L0000228	0	0.99970E-07	483032.9	3735295.4	434.1	3.49	4.00	1.62 YES NO
L0000229	0	0.99970E-07	483041.5	3735295.5	434.2	3.49	4.00	1.62 YES NO
L0000230	0	0.99970E-07	483050.1	3735295.6	434.2	3.49	4.00	1.62 YES NO
L0000231	0	0.99970E-07	483058.7	3735295.7	434.3	3.49	4.00	1.62 YES NO
L0000232	0	0.99970E-07	483067.3	3735295.8	434.3	3.49	4.00	1.62 YES NO
L0000233	0	0.99970E-07	483075.9	3735295.9	434.4	3.49	4.00	1.62 YES NO
L0000234	0	0.99970E-07	483084.5	3735296.0	434.4	3.49	4.00	1.62 YES NO
L0000235	0	0.99970E-07	483093.1	3735296.1	434.4	3.49	4.00	1.62 YES NO
L0000236	0	0.99970E-07	483101.7	3735296.2	434.5	3.49	4.00	1.62 YES NO
L0000237	0	0.99970E-07	483110.2	3735296.3	434.5	3.49	4.00	1.62 YES NO
L0000238	0	0.99970E-07	483118.8	3735296.4	434.6	3.49	4.00	1.62 YES NO
L0000239	0	0.99970E-07	483127.4	3735296.5	434.6	3.49	4.00	1.62 YES NO
L0000240	0	0.99970E-07	483136.0	3735296.6	434.7	3.49	4.00	1.62 YES NO
L0000241	0	0.99970E-07	483144.6	3735296.7	434.7	3.49	4.00	1.62 YES NO

L0000242	0	0.99970E-07	483153.2	3735296.8	434.8	3.49	4.00	1.62	YES	NO
L0000243	0	0.99970E-07	483161.8	3735296.9	434.8	3.49	4.00	1.62	YES	NO
L0000244	0	0.99970E-07	483170.4	3735297.0	434.9	3.49	4.00	1.62	YES	NO
L0000245	0	0.99970E-07	483179.0	3735297.1	434.9	3.49	4.00	1.62	YES	NO
L0000246	0	0.99970E-07	483187.5	3735297.2	435.0	3.49	4.00	1.62	YES	NO
L0000247	0	0.99970E-07	483196.1	3735297.2	435.0	3.49	4.00	1.62	YES	NO
L0000248	0	0.99970E-07	483204.7	3735297.3	435.1	3.49	4.00	1.62	YES	NO
L0000249	0	0.99970E-07	483213.3	3735297.4	435.1	3.49	4.00	1.62	YES	NO
L0000250	0	0.99970E-07	483221.9	3735297.5	435.2	3.49	4.00	1.62	YES	NO
L0000251	0	0.99970E-07	483230.5	3735297.6	435.2	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC) (METERS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN EMISSION RATE (METERS)	EMISSION RATE SCALAR	AIRCRAFT VARY BY
L0000252	0	0.99970E-07	483239.1	3735297.7	435.3	3.49	4.00	1.62	YES	NO	
L0000253	0	0.99970E-07	483247.7	3735297.8	435.3	3.49	4.00	1.62	YES	NO	
L0000254	0	0.99970E-07	483256.3	3735297.9	435.4	3.49	4.00	1.62	YES	NO	
L0000255	0	0.99970E-07	483264.9	3735298.0	435.4	3.49	4.00	1.62	YES	NO	
L0000256	0	0.99970E-07	483273.4	3735298.1	435.4	3.49	4.00	1.62	YES	NO	
L0000257	0	0.99970E-07	483282.0	3735298.2	435.5	3.49	4.00	1.62	YES	NO	
L0000258	0	0.10110E-06	483295.3	3735298.3	435.6	3.49	4.00	1.62	YES	NO	
L0000259	0	0.10110E-06	483303.9	3735298.3	435.7	3.49	4.00	1.62	YES	NO	
L0000260	0	0.10110E-06	483312.5	3735298.2	435.7	3.49	4.00	1.62	YES	NO	
L0000261	0	0.10110E-06	483321.1	3735298.2	435.8	3.49	4.00	1.62	YES	NO	
L0000262	0	0.10110E-06	483329.7	3735298.2	435.9	3.49	4.00	1.62	YES	NO	
L0000263	0	0.10110E-06	483338.3	3735298.2	436.0	3.49	4.00	1.62	YES	NO	
L0000264	0	0.10110E-06	483346.9	3735298.1	436.1	3.49	4.00	1.62	YES	NO	
L0000265	0	0.10110E-06	483355.5	3735298.1	436.2	3.49	4.00	1.62	YES	NO	
L0000266	0	0.10110E-06	483364.1	3735298.1	436.3	3.49	4.00	1.62	YES	NO	
L0000267	0	0.10110E-06	483372.6	3735298.1	436.4	3.49	4.00	1.62	YES	NO	
L0000268	0	0.10110E-06	483381.2	3735298.0	436.5	3.49	4.00	1.62	YES	NO	
L0000269	0	0.10110E-06	483389.8	3735298.0	436.6	3.49	4.00	1.62	YES	NO	
L0000270	0	0.10110E-06	483398.4	3735298.0	436.6	3.49	4.00	1.62	YES	NO	
L0000271	0	0.10110E-06	483407.0	3735298.0	436.7	3.49	4.00	1.62	YES	NO	
L0000272	0	0.10110E-06	483415.6	3735297.9	436.8	3.49	4.00	1.62	YES	NO	
L0000273	0	0.10110E-06	483424.2	3735297.9	436.9	3.49	4.00	1.62	YES	NO	
L0000274	0	0.10110E-06	483432.8	3735297.9	437.0	3.49	4.00	1.62	YES	NO	
L0000275	0	0.10110E-06	483441.4	3735297.9	437.1	3.49	4.00	1.62	YES	NO	
L0000276	0	0.10110E-06	483450.0	3735297.8	437.2	3.49	4.00	1.62	YES	NO	
L0000277	0	0.10110E-06	483458.5	3735297.8	437.3	3.49	4.00	1.62	YES	NO	
L0000278	0	0.10110E-06	483467.1	3735297.8	437.4	3.49	4.00	1.62	YES	NO	
L0000279	0	0.10110E-06	483475.7	3735297.8	437.4	3.49	4.00	1.62	YES	NO	
L0000280	0	0.10110E-06	483484.3	3735297.7	437.5	3.49	4.00	1.62	YES	NO	
L0000281	0	0.10110E-06	483492.9	3735297.7	437.6	3.49	4.00	1.62	YES	NO	

L0000282	0	0.10110E-06	483501.5	3735297.7	437.7	3.49	4.00	1.62	YES	NO
L0000283	0	0.10110E-06	483510.1	3735297.7	437.8	3.49	4.00	1.62	YES	NO
L0000284	0	0.10110E-06	483518.7	3735297.6	437.9	3.49	4.00	1.62	YES	NO
L0000285	0	0.10110E-06	483527.3	3735297.6	438.0	3.49	4.00	1.62	YES	NO
L0000286	0	0.10110E-06	483535.9	3735297.6	438.1	3.49	4.00	1.62	YES	NO
L0000287	0	0.10110E-06	483544.4	3735297.6	438.2	3.49	4.00	1.62	YES	NO
L0000288	0	0.10110E-06	483553.0	3735297.5	438.2	3.49	4.00	1.62	YES	NO
L0000289	0	0.10110E-06	483561.6	3735297.5	438.3	3.49	4.00	1.62	YES	NO
L0000290	0	0.10110E-06	483570.2	3735297.5	438.4	3.49	4.00	1.62	YES	NO
L0000291	0	0.10110E-06	483578.8	3735297.5	438.5	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV. HEIGHT	SY	SZ	SOURCE SCALAR VARY	
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000292	0	0.10110E-06	483587.4	3735297.4	438.6	3.49	4.00	1.62 YES NO
L0000293	0	0.10110E-06	483596.0	3735297.4	438.7	3.49	4.00	1.62 YES NO
L0000294	0	0.10110E-06	483604.6	3735297.4	438.8	3.49	4.00	1.62 YES NO
L0000295	0	0.10110E-06	483613.2	3735297.4	438.9	3.49	4.00	1.62 YES NO
L0000296	0	0.10110E-06	483621.8	3735297.3	439.0	3.49	4.00	1.62 YES NO
L0000297	0	0.10110E-06	483630.3	3735297.3	439.1	3.49	4.00	1.62 YES NO
L0000298	0	0.10110E-06	483638.9	3735297.3	439.1	3.49	4.00	1.62 YES NO
L0000299	0	0.10110E-06	483647.5	3735297.3	439.2	3.49	4.00	1.62 YES NO
L0000300	0	0.10110E-06	483656.1	3735297.3	439.3	3.49	4.00	1.62 YES NO
L0000301	0	0.10110E-06	483664.7	3735297.2	439.4	3.49	4.00	1.62 YES NO
L0000302	0	0.10110E-06	483673.3	3735297.2	439.5	3.49	4.00	1.62 YES NO
L0000303	0	0.10110E-06	483681.9	3735297.2	439.6	3.49	4.00	1.62 YES NO
L0000304	0	0.10110E-06	483690.5	3735297.2	439.7	3.49	4.00	1.62 YES NO
L0000305	0	0.10110E-06	483699.1	3735297.1	439.8	3.49	4.00	1.62 YES NO
L0000306	0	0.10110E-06	483707.7	3735297.1	439.9	3.49	4.00	1.62 YES NO
L0000307	0	0.10110E-06	483716.2	3735297.1	439.9	3.49	4.00	1.62 YES NO
L0000308	0	0.10110E-06	483724.8	3735297.1	440.0	3.49	4.00	1.62 YES NO
L0000309	0	0.10110E-06	483733.4	3735297.0	440.1	3.49	4.00	1.62 YES NO
L0000310	0	0.10110E-06	483742.0	3735297.0	440.2	3.49	4.00	1.62 YES NO
L0000311	0	0.10110E-06	483750.6	3735297.0	440.3	3.49	4.00	1.62 YES NO
L0000312	0	0.10110E-06	483759.2	3735297.0	440.4	3.49	4.00	1.62 YES NO
L0000313	0	0.10110E-06	483767.8	3735296.9	440.5	3.49	4.00	1.62 YES NO
L0000314	0	0.10110E-06	483776.4	3735296.9	440.6	3.49	4.00	1.62 YES NO
L0000315	0	0.10110E-06	483785.0	3735296.9	440.7	3.49	4.00	1.62 YES NO
L0000316	0	0.10110E-06	483793.6	3735296.9	440.8	3.49	4.00	1.62 YES NO
L0000317	0	0.10110E-06	483802.1	3735296.8	440.8	3.49	4.00	1.62 YES NO
L0000318	0	0.10110E-06	483810.7	3735296.8	440.9	3.49	4.00	1.62 YES NO
L0000319	0	0.10110E-06	483819.3	3735296.8	441.0	3.49	4.00	1.62 YES NO
L0000320	0	0.10110E-06	483827.9	3735296.8	441.1	3.49	4.00	1.62 YES NO
L0000321	0	0.10110E-06	483836.5	3735296.7	441.2	3.49	4.00	1.62 YES NO

L0000322	0	0.10110E-06	483845.1	3735296.7	441.3	3.49	4.00	1.62	YES	NO
L0000323	0	0.10110E-06	483853.7	3735296.7	441.4	3.49	4.00	1.62	YES	NO
L0000324	0	0.10110E-06	483862.3	3735296.7	441.5	3.49	4.00	1.62	YES	NO
L0000325	0	0.10110E-06	483870.9	3735296.6	441.6	3.49	4.00	1.62	YES	NO
L0000326	0	0.10110E-06	483879.5	3735296.6	441.7	3.49	4.00	1.62	YES	NO
L0000327	0	0.10110E-06	483888.0	3735296.6	441.7	3.49	4.00	1.62	YES	NO
L0000328	0	0.10110E-06	483896.6	3735296.6	441.8	3.49	4.00	1.62	YES	NO
L0000329	0	0.10110E-06	483905.2	3735296.5	441.9	3.49	4.00	1.62	YES	NO
L0000330	0	0.10110E-06	483913.8	3735296.5	442.0	3.49	4.00	1.62	YES	NO
L0000331	0	0.10110E-06	483922.4	3735296.5	442.1	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC) (METERS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN EMISSION RATE (METERS)	EMISSION RATE SCALAR	AIRCRAFT VARY BY
L0000332	0	0.10110E-06	483931.0	3735296.5	442.2	3.49	4.00	1.62	YES	NO	
L0000333	0	0.10110E-06	483939.6	3735296.4	442.3	3.49	4.00	1.62	YES	NO	
L0000334	0	0.10110E-06	483948.2	3735296.4	442.4	3.49	4.00	1.62	YES	NO	
L0000335	0	0.10110E-06	483956.8	3735296.4	442.4	3.49	4.00	1.62	YES	NO	
L0000336	0	0.10110E-06	483965.4	3735296.4	442.5	3.49	4.00	1.62	YES	NO	
L0000337	0	0.10110E-06	483973.9	3735296.3	442.6	3.49	4.00	1.62	YES	NO	
L0000338	0	0.10110E-06	483982.5	3735296.3	442.7	3.49	4.00	1.62	YES	NO	
L0000339	0	0.10110E-06	483991.1	3735296.3	442.8	3.49	4.00	1.62	YES	NO	
L0000340	0	0.10110E-06	483999.7	3735296.3	442.9	3.49	4.00	1.62	YES	NO	
L0000341	0	0.10110E-06	484008.3	3735296.3	443.0	3.49	4.00	1.62	YES	NO	
L0000342	0	0.10110E-06	484016.9	3735296.2	443.1	3.49	4.00	1.62	YES	NO	
L0000343	0	0.10110E-06	484025.5	3735296.2	443.2	3.49	4.00	1.62	YES	NO	
L0000344	0	0.10110E-06	484034.1	3735296.2	443.3	3.49	4.00	1.62	YES	NO	
L0000345	0	0.10110E-06	484042.7	3735296.2	443.4	3.49	4.00	1.62	YES	NO	
L0000346	0	0.10110E-06	484051.3	3735296.1	443.4	3.49	4.00	1.62	YES	NO	
L0000347	0	0.10110E-06	484059.8	3735296.1	443.5	3.49	4.00	1.62	YES	NO	
L0000348	0	0.10110E-06	484068.4	3735296.1	443.6	3.49	4.00	1.62	YES	NO	
L0000349	0	0.10110E-06	484077.0	3735296.1	443.7	3.49	4.00	1.62	YES	NO	
L0000350	0	0.10110E-06	484085.6	3735296.0	443.8	3.49	4.00	1.62	YES	NO	
L0000351	0	0.26340E-06	482890.4	3735282.4	433.3	3.49	4.00	1.62	YES	NO	
L0000352	0	0.26340E-06	482890.3	3735273.8	433.4	3.49	4.00	1.62	YES	NO	
L0000353	0	0.26340E-06	482890.3	3735265.2	433.4	3.49	4.00	1.62	YES	NO	
L0000354	0	0.26340E-06	482890.3	3735256.6	433.4	3.49	4.00	1.62	YES	NO	
L0000355	0	0.26340E-06	482890.3	3735248.1	433.4	3.49	4.00	1.62	YES	NO	
L0000356	0	0.26340E-06	482890.3	3735239.5	433.5	3.49	4.00	1.62	YES	NO	
L0000357	0	0.26340E-06	482890.2	3735230.9	433.5	3.49	4.00	1.62	YES	NO	
L0000358	0	0.26340E-06	482890.2	3735222.3	433.5	3.49	4.00	1.62	YES	NO	
L0000359	0	0.26340E-06	482890.2	3735213.7	433.5	3.49	4.00	1.62	YES	NO	
L0000360	0	0.26340E-06	482890.2	3735205.1	433.6	3.49	4.00	1.62	YES	NO	
L0000361	0	0.26340E-06	482890.1	3735196.5	433.6	3.49	4.00	1.62	YES	NO	

L0000362	0	0.26340E-06	482890.1	3735187.9	433.6	3.49	4.00	1.62	YES	NO
L0000363	0	0.26340E-06	482890.1	3735179.3	433.6	3.49	4.00	1.62	YES	NO
L0000364	0	0.26340E-06	482890.1	3735170.7	433.6	3.49	4.00	1.62	YES	NO
L0000365	0	0.26340E-06	482890.0	3735162.2	433.7	3.49	4.00	1.62	YES	NO
L0000366	0	0.26340E-06	482890.0	3735153.6	433.7	3.49	4.00	1.62	YES	NO
L0000367	0	0.26340E-06	482890.0	3735145.0	433.7	3.49	4.00	1.62	YES	NO
L0000368	0	0.26340E-06	482890.0	3735136.4	433.7	3.49	4.00	1.62	YES	NO
L0000369	0	0.26340E-06	482889.9	3735127.8	433.8	3.49	4.00	1.62	YES	NO
L0000370	0	0.26340E-06	482889.9	3735119.2	433.8	3.49	4.00	1.62	YES	NO
L0000371	0	0.26340E-06	482889.9	3735110.6	433.8	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000372	0	0.26340E-06	482889.9	3735102.0	433.8	3.49	4.00	1.62	YES NO
L0000373	0	0.26340E-06	482889.8	3735093.4	433.9	3.49	4.00	1.62	YES NO
L0000374	0	0.26340E-06	482889.8	3735084.8	433.9	3.49	4.00	1.62	YES NO
L0000375	0	0.26340E-06	482889.8	3735076.3	433.9	3.49	4.00	1.62	YES NO
L0000376	0	0.26340E-06	482889.8	3735067.7	433.9	3.49	4.00	1.62	YES NO
L0000377	0	0.26340E-06	482889.7	3735059.1	433.9	3.49	4.00	1.62	YES NO
L0000378	0	0.26340E-06	482889.7	3735050.5	434.0	3.49	4.00	1.62	YES NO
L0000379	0	0.26340E-06	482889.7	3735041.9	434.0	3.49	4.00	1.62	YES NO
L0000380	0	0.26340E-06	482889.7	3735033.3	434.0	3.49	4.00	1.62	YES NO
L0000381	0	0.26340E-06	482889.6	3735024.7	434.0	3.49	4.00	1.62	YES NO
L0000382	0	0.26340E-06	482889.6	3735016.1	434.1	3.49	4.00	1.62	YES NO
L0000383	0	0.26340E-06	482889.6	3735007.5	434.1	3.49	4.00	1.62	YES NO
L0000384	0	0.26340E-06	482889.6	3734998.9	434.1	3.49	4.00	1.62	YES NO
L0000385	0	0.26340E-06	482889.5	3734990.4	434.1	3.49	4.00	1.62	YES NO
L0000386	0	0.26340E-06	482889.5	3734981.8	434.2	3.49	4.00	1.62	YES NO
L0000387	0	0.26340E-06	482889.5	3734973.2	434.2	3.49	4.00	1.62	YES NO
L0000388	0	0.26340E-06	482889.5	3734964.6	434.2	3.49	4.00	1.62	YES NO
L0000389	0	0.26340E-06	482889.5	3734956.0	434.2	3.49	4.00	1.62	YES NO
L0000390	0	0.26340E-06	482889.4	3734947.4	434.2	3.49	4.00	1.62	YES NO
L0000391	0	0.26340E-06	482889.4	3734938.8	434.3	3.49	4.00	1.62	YES NO
L0000392	0	0.26340E-06	482889.4	3734930.2	434.3	3.49	4.00	1.62	YES NO
L0000393	0	0.26340E-06	482889.4	3734921.6	434.3	3.49	4.00	1.62	YES NO
L0000394	0	0.26340E-06	482889.3	3734913.0	434.3	3.49	4.00	1.62	YES NO
L0000395	0	0.26340E-06	482889.3	3734904.5	434.4	3.49	4.00	1.62	YES NO
L0000396	0	0.26340E-06	482889.3	3734895.9	434.4	3.49	4.00	1.62	YES NO
L0000397	0	0.26340E-06	482889.3	3734887.3	434.4	3.49	4.00	1.62	YES NO
L0000398	0	0.26340E-06	482889.2	3734878.7	434.4	3.49	4.00	1.62	YES NO
L0000399	0	0.26340E-06	482889.2	3734870.1	434.4	3.49	4.00	1.62	YES NO
L0000400	0	0.26340E-06	482889.2	3734861.5	434.5	3.49	4.00	1.62	YES NO
L0000401	0	0.26340E-06	482889.2	3734852.9	434.5	3.49	4.00	1.62	YES NO

L0000402	0	0.26340E-06	482889.1	3734844.3	434.5	3.49	4.00	1.62	YES	NO
L0000403	0	0.26340E-06	482889.1	3734835.7	434.5	3.49	4.00	1.62	YES	NO
L0000404	0	0.26340E-06	482889.1	3734827.1	434.6	3.49	4.00	1.62	YES	NO
L0000405	0	0.26340E-06	482889.1	3734818.6	434.6	3.49	4.00	1.62	YES	NO
L0000406	0	0.26340E-06	482889.0	3734810.0	434.6	3.49	4.00	1.62	YES	NO
L0000407	0	0.26340E-06	482889.0	3734801.4	434.6	3.49	4.00	1.62	YES	NO
L0000408	0	0.26340E-06	482889.0	3734792.8	434.7	3.49	4.00	1.62	YES	NO
L0000409	0	0.26340E-06	482888.6	3734784.2	434.7	3.49	4.00	1.62	YES	NO
L0000410	0	0.26340E-06	482888.0	3734775.7	434.7	3.49	4.00	1.62	YES	NO
L0000411	0	0.26340E-06	482885.5	3734767.5	434.7	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR	VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY	
L0000412	0	0.26340E-06	482882.5	3734759.4	434.7	3.49	4.00	1.62	YES NO
L0000413	0	0.26340E-06	482878.8	3734751.7	434.7	3.49	4.00	1.62	YES NO
L0000414	0	0.26340E-06	482874.0	3734744.6	434.7	3.49	4.00	1.62	YES NO
L0000415	0	0.26340E-06	482868.8	3734737.7	434.7	3.49	4.00	1.62	YES NO
L0000416	0	0.26340E-06	482863.7	3734730.8	434.7	3.49	4.00	1.62	YES NO
L0000417	0	0.26340E-06	482858.5	3734724.0	434.6	3.49	4.00	1.62	YES NO
L0000418	0	0.26340E-06	482853.4	3734717.1	434.6	3.49	4.00	1.62	YES NO
L0000419	0	0.26340E-06	482848.2	3734710.2	434.6	3.49	4.00	1.62	YES NO
L0000420	0	0.26340E-06	482843.1	3734703.3	434.6	3.49	4.00	1.62	YES NO
L0000421	0	0.26340E-06	482837.9	3734696.5	434.5	3.49	4.00	1.62	YES NO
L0000422	0	0.26340E-06	482832.8	3734689.6	434.5	3.49	4.00	1.62	YES NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,L0000217 ,L0000218 ,L0000219 ,
L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,L0000225 ,L0000226 ,L0000227 ,
L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,L0000233 ,L0000234 ,L0000235 ,
L0000236 ,L0000237 ,L0000238 ,L0000239 ,L0000240 ,L0000241 ,L0000242 ,L0000243 ,
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L0000268 ,L0000269 ,L0000270 ,L0000271 ,L0000272 ,L0000273 ,L0000274 ,L0000275 ,
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L0000324 ,L0000325 ,L0000326 ,L0000327 ,L0000328 ,L0000329 ,L0000330 ,L0000331 ,
L0000332 ,L0000333 ,L0000334 ,L0000335 ,L0000336 ,L0000337 ,L0000338 ,L0000339 ,

L0000340 ,L0000341 ,L0000342 ,L0000343 ,L0000344 ,L0000345 ,L0000346 ,L0000347 ,
L0000348 ,L0000349 ,L0000350 ,L0000351 ,L0000352 ,L0000353 ,L0000354 ,L0000355 ,
L0000356 ,L0000357 ,L0000358 ,L0000359 ,L0000360 ,L0000361 ,L0000362 ,L0000363 ,
L0000364 ,L0000365 ,L0000366 ,L0000367 ,L0000368 ,L0000369 ,L0000370 ,L0000371 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0000372 ,L0000373 ,L0000374 ,L0000375 ,L0000376 ,L0000377 ,L0000378 ,L0000379 ,
L0000380 ,L0000381 ,L0000382 ,L0000383 ,L0000384 ,L0000385 ,L0000386 ,L0000387 ,
L0000388 ,L0000389 ,L0000390 ,L0000391 ,L0000392 ,L0000393 ,L0000394 ,L0000395 ,
L0000396 ,L0000397 ,L0000398 ,L0000399 ,L0000400 ,L0000401 ,L0000402 ,L0000403 ,
L0000404 ,L0000405 ,L0000406 ,L0000407 ,L0000408 ,L0000409 ,L0000410 ,L0000411 ,
L0000412 ,L0000413 ,L0000414 ,L0000415 ,L0000416 ,L0000417 ,L0000418 ,L0000419 ,
L0000420 ,L0000421 ,L0000422 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
2492442.	L0000212	,L0000213 ,L0000214 ,L0000215 ,L0000216 ,L0000217 ,L0000218 , L0000219 ,
	L0000220	,L0000221 ,L0000222 ,L0000223 ,L0000224 ,L0000225 ,L0000226 ,L0000227 ,
	L0000228	,L0000229 ,L0000230 ,L0000231 ,L0000232 ,L0000233 ,L0000234 ,L0000235 ,
	L0000236	,L0000237 ,L0000238 ,L0000239 ,L0000240 ,L0000241 ,L0000242 ,L0000243 ,
	L0000244	,L0000245 ,L0000246 ,L0000247 ,L0000248 ,L0000249 ,L0000250 ,L0000251 ,
	L0000252	,L0000253 ,L0000254 ,L0000255 ,L0000256 ,L0000257 ,L0000258 ,L0000259 ,
	L0000260	,L0000261 ,L0000262 ,L0000263 ,L0000264 ,L0000265 ,L0000266 ,L0000267 ,
	L0000268	,L0000269 ,L0000270 ,L0000271 ,L0000272 ,L0000273 ,L0000274 ,L0000275 ,
	L0000276	,L0000277 ,L0000278 ,L0000279 ,L0000280 ,L0000281 ,L0000282 ,L0000283 ,
	L0000284	,L0000285 ,L0000286 ,L0000287 ,L0000288 ,L0000289 ,L0000290 ,L0000291 ,
	L0000292	,L0000293 ,L0000294 ,L0000295 ,L0000296 ,L0000297 ,L0000298 ,L0000299 ,
	L0000300	,L0000301 ,L0000302 ,L0000303 ,L0000304 ,L0000305 ,L0000306 ,L0000307 ,
	L0000308	,L0000309 ,L0000310 ,L0000311 ,L0000312 ,L0000313 ,L0000314 ,L0000315 ,
	L0000316	,L0000317 ,L0000318 ,L0000319 ,L0000320 ,L0000321 ,L0000322 ,L0000323 ,
	L0000324	,L0000325 ,L0000326 ,L0000327 ,L0000328 ,L0000329 ,L0000330 ,L0000331 ,

L0000332 ,L0000333 ,L0000334 ,L0000335 ,L0000336 ,L0000337 ,L0000338 ,L0000339 ,
L0000340 ,L0000341 ,L0000342 ,L0000343 ,L0000344 ,L0000345 ,L0000346 ,L0000347 ,
L0000348 ,L0000349 ,L0000350 ,L0000351 ,L0000352 ,L0000353 ,L0000354 ,L0000355 ,
L0000356 ,L0000357 ,L0000358 ,L0000359 ,L0000360 ,L0000361 ,L0000362 ,L0000363 ,
L0000364 ,L0000365 ,L0000366 ,L0000367 ,L0000368 ,L0000369 ,L0000370 ,L0000371 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000372		,L0000373 ,L0000374 ,L0000375 ,L0000376 ,L0000377 ,L0000378 ,L0000379 ,
L0000380		,L0000381 ,L0000382 ,L0000383 ,L0000384 ,L0000385 ,L0000386 ,L0000387 ,
L0000388		,L0000389 ,L0000390 ,L0000391 ,L0000392 ,L0000393 ,L0000394 ,L0000395 ,
L0000396		,L0000397 ,L0000398 ,L0000399 ,L0000400 ,L0000401 ,L0000402 ,L0000403 ,
L0000404		,L0000405 ,L0000406 ,L0000407 ,L0000408 ,L0000409 ,L0000410 ,L0000411 ,
L0000412		,L0000413 ,L0000414 ,L0000415 ,L0000416 ,L0000417 ,L0000418 ,L0000419 ,
L0000420		,L0000421 ,L0000422 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

482362.6, 482412.6, 482462.6, 482512.6, 482562.6, 482612.6, 482662.6, 482712.6, 482762.6, 482812.6,
482862.6, 482912.6, 482962.6, 483012.6, 483062.6, 483112.6, 483162.6, 483212.6, 483262.6, 483312.6,
483362.6, 483412.6, 483462.6, 483512.6, 483562.6, 483612.6, 483662.6, 483712.6, 483762.6, 483812.6,
483862.6, 483912.6, 483962.6, 484012.6, 484062.6, 484112.6, 484162.6, 484212.6, 484262.6, 484312.6,
484362.6, 484412.6, 484462.6, 484512.6, 484562.6,

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

3734241.2, 3734291.2, 3734341.2, 3734391.2, 3734441.2, 3734491.2, 3734541.2, 3734591.2, 3734641.2, 3734691.2,
3734741.2, 3734791.2, 3734841.2, 3734891.2, 3734941.2, 3734991.2, 3735041.2, 3735091.2, 3735141.2, 3735191.2,
3735241.2, 3735291.2, 3735341.2, 3735391.2, 3735441.2, 3735491.2, 3735541.2, 3735591.2, 3735641.2, 3735691.2,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482362.58	482412.58	482462.58	482512.58	482562.58	482612.58	482662.58	482712.58	482762.58

3735691.22	431.50	431.50	432.50	431.70	432.60	433.80	433.50	433.40	434.20
3735641.22	431.50	431.60	432.50	431.80	432.60	433.80	433.60	434.30	434.90
3735591.22	431.50	431.60	432.60	431.80	432.70	433.80	433.90	434.60	435.00
3735541.22	431.60	431.60	432.70	431.90	432.70	433.80	434.10	434.20	434.70
3735491.22	431.60	431.70	432.80	432.00	432.80	433.80	433.90	433.90	434.40
3735441.22	431.60	431.80	432.90	432.10	433.40	433.60	433.50	433.90	434.30
3735391.22	431.70	432.10	433.00	432.10	433.40	433.50	433.30	433.90	434.20
3735341.22	431.80	432.30	433.20	432.00	432.50	432.80	432.70	433.10	433.40
3735291.22	432.40	432.30	433.80	432.50	432.00	432.30	432.50	432.70	432.90
3735241.22	432.90	432.40	435.00	433.00	432.50	432.80	433.00	433.00	433.20
3735191.22	433.00	432.50	436.40	433.40	432.60	432.80	432.90	432.90	433.10
3735141.22	433.10	432.80	437.70	434.60	432.60	432.70	432.80	432.80	432.90
3735091.22	433.10	433.10	439.10	435.90	433.30	432.80	432.90	433.20	433.50
3735041.22	433.40	433.40	440.20	436.50	434.70	433.00	433.00	433.50	434.20
3734991.22	433.20	433.50	441.00	437.60	433.80	433.80	433.30	433.70	434.00
3734941.22	433.00	433.40	437.70	435.40	433.10	433.60	433.50	433.60	433.80
3734891.22	433.00	433.10	435.50	434.10	433.70	433.60	433.70	433.60	433.80
3734841.22	433.70	433.40	441.00	434.90	434.10	433.90	434.10	433.80	433.90
3734791.22	433.80	433.20	441.00	435.60	434.20	434.00	434.40	433.90	434.00
3734741.22	433.70	433.30	440.30	435.30	434.80	433.90	433.90	434.20	434.10
3734691.22	433.80	433.30	439.30	435.80	435.00	434.10	434.00	434.10	434.30
3734641.22	433.70	433.30	438.10	435.50	435.00	434.30	434.60	434.60	434.50
3734591.22	433.50	433.40	436.70	434.90	434.60	434.50	435.10	435.10	434.70
3734541.22	433.50	433.50	435.60	434.00	434.40	434.60	435.00	435.10	434.70
3734491.22	433.40	433.70	434.80	433.80	433.90	434.20	434.40	434.60	434.60
3734441.22	433.40	433.80	434.40	433.90	434.00	434.30	434.60	434.60	435.00
3734391.22	433.40	433.90	434.30	434.00	434.10	434.40	434.60	434.50	434.80
3734341.22	433.50	434.20	434.50	434.10	434.30	434.60	434.80	434.40	434.50
3734291.22	433.50	434.30	434.60	434.50	434.80	435.00	435.20	434.50	434.60
3734241.22	434.00	434.30	434.60	435.00	435.50	435.60	435.50	434.80	434.90

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482812.58	482862.58	482912.58	482962.58	483012.58	483062.58	483112.58	483162.58	483212.58

3735691.22	434.30	434.60	434.90	434.80	434.90	435.00	435.60	435.40	435.40
3735641.22	435.00	435.00	434.80	435.00	434.90	435.10	435.60	436.10	435.60
3735591.22	435.00	435.00	435.00	434.80	435.20	435.60	436.40	437.10	436.60
3735541.22	434.70	434.60	434.60	434.60	435.50	435.70	436.70	437.30	437.00
3735491.22	434.70	434.50	434.30	434.50	435.00	435.10	436.60	436.80	435.20
3735441.22	434.60	434.40	434.10	434.10	434.70	435.10	436.50	435.60	435.10
3735391.22	434.10	434.10	433.90	434.10	434.80	435.10	435.40	435.20	434.80
3735341.22	433.50	433.70	433.80	434.30	434.60	434.90	434.80	435.10	434.80
3735291.22	433.20	433.40	433.50	433.90	434.20	434.30	434.50	434.80	435.00
3735241.22	433.80	433.80	433.90	434.40	434.30	434.30	434.50	434.80	435.10
3735191.22	433.60	433.80	433.90	434.20	434.30	434.40	434.60	435.00	435.30
3735141.22	433.20	433.60	434.00	434.30	434.50	434.70	434.80	435.20	435.60
3735091.22	433.70	434.00	434.10	434.30	434.50	434.70	435.00	435.50	435.90
3735041.22	434.50	434.40	434.20	434.40	434.60	434.90	435.10	435.60	436.00
3734991.22	434.20	434.20	434.40	434.60	434.80	435.10	435.30	435.70	436.10
3734941.22	434.00	434.20	434.60	435.00	435.00	435.20	435.40	435.90	436.30
3734891.22	434.10	434.40	434.60	434.80	435.10	435.40	435.60	435.90	436.50
3734841.22	434.10	434.40	434.90	435.00	435.30	435.80	435.80	435.80	436.60
3734791.22	434.10	434.40	434.80	434.90	435.10	435.40	435.70	435.90	436.50
3734741.22	434.30	434.60	435.10	435.10	435.10	435.30	435.50	435.90	436.40
3734691.22	434.40	435.00	435.60	435.20	435.30	435.50	435.70	436.20	436.40
3734641.22	434.50	435.00	435.70	435.40	435.40	435.60	435.80	436.20	436.50
3734591.22	434.50	434.70	435.10	435.10	435.30	435.60	435.90	436.10	436.50
3734541.22	434.70	434.80	435.10	435.20	435.30	435.60	435.70	436.00	436.40
3734491.22	434.70	434.80	435.10	435.30	435.40	435.60	435.80	436.10	436.40
3734441.22	435.00	434.90	435.20	435.30	435.60	435.80	436.00	436.20	436.50
3734391.22	435.10	434.90	435.00	434.20	434.90	435.70	436.00	436.20	436.60
3734341.22	435.20	434.90	434.80	428.00	428.00	433.90	435.90	436.20	436.60
3734291.22	435.00	435.00	434.10	425.10	422.10	423.50	427.70	435.20	436.70
3734241.22	435.20	435.20	432.60	426.40	423.70	424.30	424.90	433.10	436.70

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483262.58	483312.58	483362.58	483412.58	483462.58	483512.58	483562.58	483612.58	483662.58

3735691.22	435.70	435.90	436.80	436.80	436.80	437.20	437.40	437.70	437.90
3735641.22	435.40	436.60	437.10	436.90	436.80	437.10	437.40	437.60	437.80
3735591.22	436.00	436.90	437.40	437.20	437.10	437.50	437.70	437.90	438.10
3735541.22	436.60	437.20	437.60	437.50	437.60	438.00	438.20	438.40	438.40
3735491.22	436.20	437.10	437.80	438.00	438.30	438.60	438.90	439.10	438.60
3735441.22	435.80	436.70	437.30	437.50	437.80	438.20	438.40	438.80	438.60
3735391.22	435.30	435.90	436.10	436.40	436.70	437.40	437.50	438.00	438.60
3735341.22	435.40	435.90	436.10	436.50	436.80	437.50	437.60	438.10	438.70
3735291.22	435.40	435.80	436.20	436.50	436.90	437.30	437.70	438.20	438.70
3735241.22	435.40	436.00	436.30	436.50	437.00	437.40	437.80	438.30	438.80
3735191.22	435.60	436.30	436.30	436.70	437.10	437.30	437.80	438.30	438.80
3735141.22	435.90	436.30	436.50	436.80	437.10	437.50	437.90	438.20	438.70
3735091.22	436.30	436.50	436.70	436.90	437.20	437.60	438.00	438.20	438.70
3735041.22	436.50	436.80	436.90	437.20	437.50	437.80	438.10	438.40	438.80
3734991.22	436.50	437.00	437.10	437.40	437.70	438.00	438.30	438.60	438.90
3734941.22	436.80	437.20	437.50	437.70	437.90	438.10	438.40	438.70	439.00
3734891.22	437.00	437.30	437.60	438.00	438.20	438.40	438.70	439.00	439.30
3734841.22	437.20	437.30	437.40	438.00	438.40	438.70	439.00	439.30	439.60
3734791.22	437.10	437.30	437.40	437.90	438.30	438.70	439.10	439.50	439.90
3734741.22	436.80	437.10	437.40	437.80	438.30	438.70	439.10	439.50	440.00
3734691.22	436.80	437.40	437.60	438.00	438.50	438.80	439.20	439.60	440.10
3734641.22	436.90	437.50	437.60	438.00	438.40	439.00	439.40	440.00	440.30
3734591.22	436.90	437.30	437.60	438.00	438.50	438.90	439.50	439.80	440.20
3734541.22	436.90	437.30	437.50	438.00	438.50	439.10	439.60	440.00	440.30
3734491.22	436.90	437.50	437.80	438.10	438.50	439.00	439.50	439.90	440.30
3734441.22	436.90	437.20	437.50	438.00	438.50	439.10	439.60	440.00	440.20
3734391.22	436.90	437.30	437.60	437.90	438.40	439.00	439.50	439.80	439.80
3734341.22	437.00	437.40	437.70	438.00	438.40	438.90	439.40	439.50	439.50
3734291.22	437.10	437.60	437.80	438.20	438.60	438.90	439.20	439.10	439.10
3734241.22	437.10	437.40	437.60	438.20	438.30	438.60	438.80	438.80	438.90

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483712.58	483762.58	483812.58	483862.58	483912.58	483962.58	484012.58	484062.58	484112.58

3735691.22	438.30	438.70	439.10	439.30	439.80	440.30	440.90	441.40	442.10
3735641.22	438.60	439.50	439.90	439.70	440.10	440.50	441.10	441.60	442.30
3735591.22	438.80	439.70	440.10	440.10	440.50	440.90	441.40	441.90	442.60
3735541.22	439.10	439.60	440.00	440.40	440.90	441.40	441.80	442.20	442.80
3735491.22	439.20	439.80	440.30	440.80	441.30	441.80	442.20	442.70	443.20
3735441.22	439.10	439.60	440.20	440.90	441.60	442.10	442.60	443.10	443.60
3735391.22	439.20	439.60	440.20	440.90	441.60	442.30	442.90	443.40	444.00
3735341.22	439.50	439.90	440.40	441.00	441.60	442.20	442.90	443.50	444.20
3735291.22	439.40	440.00	440.60	441.10	441.70	442.20	442.80	443.40	444.20
3735241.22	439.40	439.90	440.50	441.10	441.70	442.30	442.80	443.40	444.30
3735191.22	439.40	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.30
3735141.22	439.30	440.00	440.70	441.40	442.00	442.50	443.00	443.50	444.40
3735091.22	439.30	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.40
3735041.22	439.30	439.90	440.50	441.10	441.70	442.30	442.80	443.30	444.20
3734991.22	439.40	439.90	440.40	441.00	441.50	442.00	442.50	443.00	444.10
3734941.22	439.50	439.80	440.30	440.90	441.40	441.80	442.60	443.50	444.30
3734891.22	439.70	440.00	440.50	441.00	441.60	442.10	442.70	443.50	444.20
3734841.22	439.80	440.30	440.70	441.20	441.60	442.30	442.90	443.20	444.00
3734791.22	440.10	440.40	440.70	441.30	441.60	442.30	442.80	443.20	443.80
3734741.22	440.40	440.70	441.10	441.50	441.90	442.30	442.70	443.10	443.90
3734691.22	440.60	441.00	441.40	441.80	442.30	442.70	443.00	443.40	444.00
3734641.22	440.70	441.10	441.50	441.90	442.30	442.80	443.10	443.40	443.90
3734591.22	440.60	440.90	441.40	441.80	442.20	442.60	442.90	443.20	443.90
3734541.22	440.70	441.00	441.30	441.70	442.00	442.30	442.70	443.00	443.70
3734491.22	440.60	440.90	441.10	441.40	441.80	442.30	442.60	443.00	443.70
3734441.22	440.30	440.60	440.90	441.30	441.70	442.10	442.60	443.10	443.50
3734391.22	440.10	440.40	440.70	441.10	441.50	441.80	442.40	442.90	443.30
3734341.22	439.80	440.20	440.60	441.00	441.30	441.80	442.20	442.70	443.10
3734291.22	439.40	439.90	440.30	440.70	441.00	441.40	441.80	442.20	442.70
3734241.22	439.20	439.50	439.90	440.30	440.60	441.10	441.50	442.00	442.50

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	484162.58	484212.58	484262.58	484312.58	484362.58	484412.58	484462.58	484512.58	484562.58

3735691.22	442.50	442.90	443.20	443.50	443.70	444.00	444.40	445.30	446.00
3735641.22	442.90	443.30	443.60	443.90	444.10	444.30	444.70	445.50	446.00
3735591.22	443.10	443.50	443.90	444.20	444.50	444.80	445.10	445.50	445.80
3735541.22	443.40	443.90	444.20	444.60	444.90	445.20	445.70	446.40	447.30
3735491.22	443.80	444.20	444.60	444.90	445.20	445.60	446.10	446.90	448.20
3735441.22	444.20	444.60	445.00	445.30	445.70	446.00	446.50	447.20	448.40
3735391.22	444.60	445.00	445.40	445.70	446.10	446.40	446.80	447.30	448.00
3735341.22	444.80	445.30	445.80	446.20	446.60	447.00	447.40	447.90	448.70
3735291.22	444.70	445.40	446.00	446.70	447.20	447.60	448.00	448.70	449.50
3735241.22	444.70	445.30	446.00	446.70	447.30	447.80	448.40	449.00	449.50
3735191.22	444.80	445.30	446.00	446.60	447.40	447.90	448.40	449.00	449.50
3735141.22	444.80	445.40	446.00	446.70	447.30	447.80	448.40	449.00	449.60
3735091.22	444.90	445.50	446.00	446.70	447.20	447.70	448.40	449.00	449.60
3735041.22	444.80	445.40	446.10	446.60	447.10	447.70	448.20	448.90	449.50
3734991.22	444.80	445.50	446.00	446.30	446.80	447.30	448.00	448.70	449.30
3734941.22	444.70	445.20	445.50	445.90	446.40	447.00	447.80	448.60	449.30
3734891.22	444.50	444.70	445.00	445.60	446.20	446.80	447.60	448.50	449.30
3734841.22	444.10	444.20	444.60	445.30	446.10	446.80	447.60	448.50	449.20
3734791.22	444.10	444.30	444.70	445.30	445.90	446.60	447.30	448.20	448.90
3734741.22	444.20	444.60	444.90	445.30	445.80	446.40	447.10	447.90	448.70
3734691.22	444.30	444.60	445.00	445.50	445.90	446.40	446.90	447.70	448.40
3734641.22	444.20	444.50	445.10	445.70	446.30	446.80	447.20	447.70	448.20
3734591.22	444.10	444.60	445.30	445.90	446.60	447.10	447.60	447.90	448.30
3734541.22	444.10	444.60	445.20	445.70	446.40	446.90	447.40	447.90	448.40
3734491.22	444.20	444.70	445.30	445.90	446.20	446.70	447.30	447.80	448.30
3734441.22	444.00	444.50	445.00	446.10	446.20	446.60	446.90	447.20	447.60
3734391.22	443.70	444.10	444.60	445.90	446.10	446.40	446.70	447.00	447.30
3734341.22	443.40	443.80	444.30	445.70	445.80	446.10	446.40	446.60	447.00
3734291.22	443.10	443.50	443.90	445.50	445.60	446.10	446.30	446.50	446.80
3734241.22	442.80	443.20	443.70	445.10	445.10	445.50	445.80	446.10	446.60

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482362.58	482412.58	482462.58	482512.58	482562.58	482612.58	482662.58	482712.58	482762.58

3735691.22	431.50	431.50	432.50	431.70	432.60	433.80	433.50	433.40	434.20
3735641.22	431.50	431.60	432.50	431.80	432.60	433.80	433.60	434.30	434.90
3735591.22	431.50	431.60	432.60	431.80	432.70	433.80	433.90	434.60	435.00
3735541.22	431.60	431.60	432.70	431.90	432.70	433.80	434.10	434.20	434.70
3735491.22	431.60	431.70	432.80	432.00	432.80	433.80	433.90	433.90	434.40
3735441.22	431.60	431.80	432.90	432.10	433.40	433.60	433.50	433.90	434.30
3735391.22	431.70	432.10	433.00	432.10	433.40	433.50	433.30	433.90	434.20
3735341.22	431.80	432.30	433.20	432.00	432.50	432.80	432.70	433.10	433.40
3735291.22	432.40	432.30	433.80	432.50	432.00	432.30	432.50	432.70	432.90
3735241.22	432.90	432.40	435.00	433.00	432.50	432.80	433.00	433.00	433.20
3735191.22	433.00	432.50	436.40	433.40	432.60	432.80	432.90	432.90	433.10
3735141.22	433.10	436.00	437.70	436.80	432.60	432.70	432.80	432.80	432.90
3735091.22	433.10	440.50	439.10	435.90	433.30	432.80	432.90	433.20	433.50
3735041.22	433.40	441.60	440.20	436.50	434.70	433.00	433.00	433.50	434.20
3734991.22	433.20	441.60	441.60	440.30	433.80	433.80	433.30	433.70	434.00
3734941.22	433.00	441.60	441.40	441.40	440.40	433.60	433.50	433.60	433.80
3734891.22	433.00	442.20	442.20	442.20	433.70	433.60	433.70	433.60	433.80
3734841.22	433.70	442.20	442.20	442.20	434.10	433.90	434.10	433.80	433.90
3734791.22	433.80	442.20	441.00	442.20	434.20	434.00	434.40	433.90	434.00
3734741.22	433.70	442.00	441.10	441.60	434.80	433.90	433.90	434.20	434.10
3734691.22	433.80	441.10	439.30	435.80	435.00	434.10	434.00	434.10	434.30
3734641.22	433.70	439.00	438.10	435.50	435.00	434.30	434.60	434.60	434.50
3734591.22	433.50	433.40	436.70	434.90	434.60	434.50	435.10	435.10	434.70
3734541.22	433.50	433.50	435.60	434.00	434.40	434.60	435.00	435.10	434.70
3734491.22	433.40	433.70	434.80	433.80	433.90	434.20	434.40	434.60	434.60
3734441.22	433.40	433.80	434.40	433.90	434.00	434.30	434.60	434.60	435.00
3734391.22	433.40	433.90	434.30	434.00	434.10	434.40	434.60	434.50	434.80
3734341.22	433.50	434.20	434.50	434.10	434.30	434.60	434.80	434.40	434.50
3734291.22	433.50	434.30	434.60	434.50	434.80	435.00	435.20	434.50	434.60
3734241.22	434.00	434.30	434.60	435.00	435.50	435.60	435.50	434.80	434.90

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482812.58	482862.58	482912.58	482962.58	483012.58	483062.58	483112.58	483162.58	483212.58

3735691.22	434.30	434.60	434.90	434.80	434.90	435.00	435.60	435.40	435.40
3735641.22	435.00	435.00	434.80	435.00	434.90	435.10	435.60	436.10	435.60
3735591.22	435.00	435.00	435.00	434.80	435.20	435.60	436.40	437.10	436.60
3735541.22	434.70	434.60	434.60	434.60	435.50	435.70	436.70	437.30	437.00
3735491.22	434.70	434.50	434.30	434.50	435.00	435.10	436.60	436.80	435.20
3735441.22	434.60	434.40	434.10	434.10	434.70	435.10	436.50	435.60	435.10
3735391.22	434.10	434.10	433.90	434.10	434.80	435.10	435.40	435.20	434.80
3735341.22	433.50	433.70	433.80	434.30	434.60	434.90	434.80	435.10	434.80
3735291.22	433.20	433.40	433.50	433.90	434.20	434.30	434.50	434.80	435.00
3735241.22	433.80	433.80	433.90	434.40	434.30	434.30	434.50	434.80	435.10
3735191.22	433.60	433.80	433.90	434.20	434.30	434.40	434.60	435.00	435.30
3735141.22	433.20	433.60	434.00	434.30	434.50	434.70	434.80	435.20	435.60
3735091.22	433.70	434.00	434.10	434.30	434.50	434.70	435.00	435.50	435.90
3735041.22	434.50	434.40	434.20	434.40	434.60	434.90	435.10	435.60	436.00
3734991.22	434.20	434.20	434.40	434.60	434.80	435.10	435.30	435.70	436.10
3734941.22	434.00	434.20	434.60	435.00	435.00	435.20	435.40	435.90	436.30
3734891.22	434.10	434.40	434.60	434.80	435.10	435.40	435.60	435.90	436.50
3734841.22	434.10	434.40	434.90	435.00	435.30	435.80	435.80	435.80	436.60
3734791.22	434.10	434.40	434.80	434.90	435.10	435.40	435.70	435.90	436.50
3734741.22	434.30	434.60	435.10	435.10	435.10	435.30	435.50	435.90	436.40
3734691.22	434.40	435.00	435.60	435.20	435.30	435.50	435.70	436.20	436.40
3734641.22	434.50	435.00	435.70	435.40	435.40	435.60	435.80	436.20	436.50
3734591.22	434.50	434.70	435.10	435.10	435.30	435.60	435.90	436.10	436.50
3734541.22	434.70	434.80	435.10	435.20	435.30	435.60	435.70	436.00	436.40
3734491.22	434.70	434.80	435.10	435.30	435.40	435.60	435.80	436.10	436.40
3734441.22	435.00	434.90	435.20	435.30	435.60	435.80	436.00	436.20	436.50
3734391.22	435.10	434.90	435.00	434.20	434.90	435.70	436.00	436.20	436.60
3734341.22	435.20	434.90	434.80	435.60	435.70	433.90	435.90	436.20	436.60
3734291.22	435.00	435.00	435.30	435.60	436.10	436.30	436.30	435.20	436.70
3734241.22	435.20	435.20	434.70	435.30	435.30	436.10	436.90	436.60	436.70

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483262.58	483312.58	483362.58	483412.58	483462.58	483512.58	483562.58	483612.58	483662.58

3735691.22	435.70	435.90	436.80	436.80	436.80	437.20	437.40	437.70	437.90
3735641.22	435.40	436.60	437.10	436.90	436.80	437.10	437.40	437.60	437.80
3735591.22	436.00	436.90	437.40	437.20	437.10	437.50	437.70	437.90	438.10
3735541.22	436.60	437.20	437.60	437.50	437.60	438.00	438.20	438.40	438.40
3735491.22	436.20	437.10	437.80	438.00	438.30	438.60	438.90	439.10	438.60
3735441.22	435.80	436.70	437.30	437.50	437.80	438.20	438.40	438.80	438.60
3735391.22	435.30	435.90	436.10	436.40	436.70	437.40	437.50	438.00	438.60
3735341.22	435.40	435.90	436.10	436.50	436.80	437.50	437.60	438.10	438.70
3735291.22	435.40	435.80	436.20	436.50	436.90	437.30	437.70	438.20	438.70
3735241.22	435.40	436.00	436.30	436.50	437.00	437.40	437.80	438.30	438.80
3735191.22	435.60	436.30	436.30	436.70	437.10	437.30	437.80	438.30	438.80
3735141.22	435.90	436.30	436.50	436.80	437.10	437.50	437.90	438.20	438.70
3735091.22	436.30	436.50	436.70	436.90	437.20	437.60	438.00	438.20	438.70
3735041.22	436.50	436.80	436.90	437.20	437.50	437.80	438.10	438.40	438.80
3734991.22	436.50	437.00	437.10	437.40	437.70	438.00	438.30	438.60	438.90
3734941.22	436.80	437.20	437.50	437.70	437.90	438.10	438.40	438.70	439.00
3734891.22	437.00	437.30	437.60	438.00	438.20	438.40	438.70	439.00	439.30
3734841.22	437.20	437.30	437.40	438.00	438.40	438.70	439.00	439.30	439.60
3734791.22	437.10	437.30	437.40	437.90	438.30	438.70	439.10	439.50	439.90
3734741.22	436.80	437.10	437.40	437.80	438.30	438.70	439.10	439.50	440.00
3734691.22	436.80	437.40	437.60	438.00	438.50	438.80	439.20	439.60	440.10
3734641.22	436.90	437.50	437.60	438.00	438.40	439.00	439.40	440.00	440.30
3734591.22	436.90	437.30	437.60	438.00	438.50	438.90	439.50	439.80	440.20
3734541.22	436.90	437.30	437.50	438.00	438.50	439.10	439.60	440.00	440.30
3734491.22	436.90	437.50	437.80	438.10	438.50	439.00	439.50	439.90	440.30
3734441.22	436.90	437.20	437.50	438.00	438.50	439.10	439.60	440.00	440.20
3734391.22	436.90	437.30	437.60	437.90	438.40	439.00	439.50	439.80	439.80
3734341.22	437.00	437.40	437.70	438.00	438.40	438.90	439.40	439.50	439.50
3734291.22	437.10	437.60	437.80	438.20	438.60	438.90	439.20	439.10	439.10
3734241.22	437.10	437.40	437.60	438.20	438.30	438.60	438.80	438.80	438.90

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483712.58	483762.58	483812.58	483862.58	483912.58	483962.58	484012.58	484062.58	484112.58

3735691.22	438.30	438.70	439.10	439.30	439.80	440.30	440.90	441.40	541.80
3735641.22	438.60	439.50	439.90	439.70	440.10	440.50	441.10	441.60	541.80
3735591.22	438.80	439.70	440.10	440.10	440.50	440.90	441.40	441.90	442.60
3735541.22	439.10	439.60	440.00	440.40	440.90	441.40	441.80	442.20	442.80
3735491.22	439.20	439.80	440.30	440.80	441.30	441.80	442.20	442.70	443.20
3735441.22	439.10	439.60	440.20	440.90	441.60	442.10	442.60	443.10	443.60
3735391.22	439.20	439.60	440.20	440.90	441.60	442.30	442.90	443.40	444.00
3735341.22	439.50	439.90	440.40	441.00	441.60	442.20	442.90	443.50	444.20
3735291.22	439.40	440.00	440.60	441.10	441.70	442.20	442.80	443.40	444.20
3735241.22	439.40	439.90	440.50	441.10	441.70	442.30	442.80	443.40	444.30
3735191.22	439.40	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.30
3735141.22	439.30	440.00	440.70	441.40	442.00	442.50	443.00	443.50	444.40
3735091.22	439.30	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.40
3735041.22	439.30	439.90	440.50	441.10	441.70	442.30	442.80	443.30	444.20
3734991.22	439.40	439.90	440.40	441.00	441.50	442.00	442.50	443.00	444.10
3734941.22	439.50	439.80	440.30	440.90	441.40	441.80	442.60	443.50	444.30
3734891.22	439.70	440.00	440.50	441.00	441.60	442.10	442.70	443.50	444.20
3734841.22	439.80	440.30	440.70	441.20	441.60	442.30	442.90	443.20	444.00
3734791.22	440.10	440.40	440.70	441.30	441.60	442.30	442.80	443.20	443.80
3734741.22	440.40	440.70	441.10	441.50	441.90	442.30	442.70	443.10	443.90
3734691.22	440.60	441.00	441.40	441.80	442.30	442.70	443.00	443.40	444.00
3734641.22	440.70	441.10	441.50	441.90	442.30	442.80	443.10	443.40	443.90
3734591.22	440.60	440.90	441.40	441.80	442.20	442.60	442.90	443.20	443.90
3734541.22	440.70	441.00	441.30	441.70	442.00	442.30	442.70	443.00	443.70
3734491.22	440.60	440.90	441.10	441.40	441.80	442.30	442.60	443.00	443.70
3734441.22	440.30	440.60	440.90	441.30	441.70	442.10	442.60	443.10	443.50
3734391.22	440.10	440.40	440.70	441.10	441.50	441.80	442.40	442.90	443.30
3734341.22	439.80	440.20	440.60	441.00	441.30	441.80	442.20	442.70	443.10
3734291.22	439.40	439.90	440.30	440.70	441.00	441.40	441.80	442.20	442.70
3734241.22	439.20	439.50	439.90	440.30	440.60	441.10	441.50	442.00	442.50

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
*** AERMET - VERSION 22112 *** *** *** 14:13:35

PAGE 22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	484162.58	484212.58	484262.58	484312.58	484362.58	484412.58	484462.58	484512.58	484562.58

3735691.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735641.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735591.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735541.22	443.40	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735491.22	443.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735441.22	444.20	444.60	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735391.22	444.60	445.00	445.40	541.80	541.80	541.80	541.80	541.80	541.80
3735341.22	444.80	445.30	445.80	446.20	446.60	541.80	541.80	541.80	541.80
3735291.22	444.70	445.40	446.00	446.70	447.20	447.60	541.80	541.80	541.80
3735241.22	444.70	445.30	446.00	446.70	447.30	447.80	448.40	449.00	541.80
3735191.22	444.80	445.30	446.00	446.60	447.40	447.90	448.40	449.00	449.50
3735141.22	444.80	445.40	446.00	446.70	447.30	447.80	448.40	449.00	449.60
3735091.22	444.90	445.50	446.00	446.70	447.20	447.70	448.40	449.00	449.60
3735041.22	444.80	445.40	446.10	446.60	447.10	447.70	448.20	448.90	449.50
3734991.22	444.80	445.50	446.00	446.30	446.80	447.30	448.00	448.70	449.30
3734941.22	444.70	445.20	445.50	445.90	446.40	447.00	447.80	448.60	449.30
3734891.22	444.50	444.70	445.00	445.60	446.20	446.80	447.60	448.50	449.30
3734841.22	444.10	444.20	444.60	445.30	446.10	446.80	447.60	448.50	449.20
3734791.22	444.10	444.30	444.70	445.30	445.90	446.60	447.30	448.20	448.90
3734741.22	444.20	444.60	444.90	445.30	445.80	446.40	447.10	447.90	448.70
3734691.22	444.30	444.60	445.00	445.50	445.90	446.40	446.90	447.70	448.40
3734641.22	444.20	444.50	445.10	445.70	446.30	446.80	447.20	447.70	448.20
3734591.22	444.10	444.60	445.30	445.90	446.60	447.10	447.60	447.90	448.30
3734541.22	444.10	444.60	445.20	445.70	446.40	446.90	447.40	447.90	448.40
3734491.22	444.20	444.70	445.30	445.90	446.20	446.70	447.30	447.80	448.30
3734441.22	444.00	444.50	445.00	446.10	446.20	446.60	446.90	447.20	447.60
3734391.22	443.70	444.10	444.60	445.90	446.10	446.40	446.70	447.00	447.30
3734341.22	443.40	443.80	444.30	445.70	445.80	446.10	446.40	446.60	447.00
3734291.22	443.10	443.50	443.90	445.50	445.60	446.10	446.30	446.50	446.80
3734241.22	442.80	443.20	443.70	445.10	445.10	445.50	445.80	446.10	446.60

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(483079.6, 3735332.7, 434.7, 434.7, 0.0);	(483147.6, 3735319.4, 434.9, 434.9, 0.0);
(483217.0, 3735382.9, 434.8, 434.8, 0.0);	(483388.6, 3735310.4, 436.3, 436.3, 0.0);
(483389.0, 3735285.7, 436.3, 436.3, 0.0);	(483526.3, 3735308.9, 437.5, 437.5, 0.0);
(483527.1, 3735288.2, 437.5, 437.5, 0.0);	(483653.5, 3735310.4, 438.6, 438.6, 0.0);
(483805.0, 3735316.5, 440.5, 440.5, 0.0);	(483985.9, 3735318.4, 442.5, 442.5, 0.0);
(484107.6, 3735241.2, 444.2, 444.2, 0.0);	(484101.2, 3735174.3, 444.1, 444.1, 0.0);
(482903.5, 3735168.5, 433.9, 433.9, 0.0);	(482873.8, 3735044.4, 434.2, 434.2, 0.0);
(482875.0, 3734943.0, 434.3, 434.3, 0.0);	(482904.7, 3734946.5, 434.5, 434.5, 0.0);
(482947.3, 3734851.5, 434.9, 434.9, 0.0);	(482849.3, 3734735.5, 434.5, 434.5, 0.0);
(482863.9, 3734708.1, 434.9, 434.9, 0.0);	(482791.2, 3734649.6, 434.5, 434.5, 0.0);

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID	-- RECEPTOR LOCATION -- XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000213	482912.6 3735291.2	0.33
L0000214	482912.6 3735291.2	-5.72
L0000215	482912.6 3735291.2	0.59
L0000219	482962.6 3735291.2	-0.88
L0000220	482962.6 3735291.2	-4.78
L0000225	483012.6 3735291.2	-1.91
L0000226	483012.6 3735291.2	-3.47
L0000231	483062.6 3735291.2	-2.66
L0000232	483062.6 3735291.2	-2.02
L0000237	483112.6 3735291.2	-3.01
L0000238	483112.6 3735291.2	-0.49
L0000243	483162.6 3735291.2	-2.90
L0000249	483212.6 3735291.2	-2.34
L0000254	483262.6 3735291.2	0.61
L0000255	483262.6 3735291.2	-1.44
L0000260	483312.6 3735291.2	-1.59
L0000266	483362.6 3735291.2	-1.58
L0000271	483412.6 3735291.2	0.15
L0000272	483412.6 3735291.2	-1.24
L0000277	483462.6 3735291.2	-0.87
L0000278	483462.6 3735291.2	-0.61
L0000283	483512.6 3735291.2	-1.69
L0000284	483512.6 3735291.2	0.25
L0000285	483527.1 3735288.2	0.82
L0000289	483562.6 3735291.2	-2.23
L0000295	483612.6 3735291.2	-2.42
L0000300	483662.6 3735291.2	0.24
L0000301	483662.6 3735291.2	-2.23
L0000306	483712.6 3735291.2	-0.92
L0000307	483712.6 3735291.2	-1.69

L0000312	483762.6	3735291.2	-1.94
L0000313	483762.6	3735291.2	-0.87
L0000318	483812.6	3735291.2	-2.71
L0000319	483812.6	3735291.2	0.15
L0000324	483862.6	3735291.2	-3.14
L0000329	483912.6	3735291.2	0.48
L0000330	483912.6	3735291.2	-3.16
L0000335	483962.6	3735291.2	-0.81
L0000336	483962.6	3735291.2	-2.75
L0000341	484012.6	3735291.2	-2.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

L0000342	484012.6	3735291.2	-1.99
L0000347	484062.6	3735291.2	-3.00
L0000348	484062.6	3735291.2	-0.99
L0000415	482862.6	3734741.2	-1.46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

[illegible]

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.sfc Met Version: 22112
Profile file: O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

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

16 01 01 1 01 -21.3 0.220 -9.000 -9.000 -999. 248. 53.3 0.06 0.53 1.00 3.11 342. 11.6 279.8 5.4
16 01 01 1 02 -23.0 0.238 -9.000 -9.000 -999. 278. 62.2 0.06 0.53 1.00 3.35 343. 11.6 279.6 5.4
16 01 01 1 03 -19.6 0.202 -9.000 -9.000 -999. 218. 44.9 0.06 0.53 1.00 2.87 342. 11.6 279.1 5.4
16 01 01 1 04 -15.2 0.175 -9.000 -9.000 -999. 176. 33.8 0.06 0.53 1.00 2.51 340. 11.6 278.7 5.4
16 01 01 1 05 -4.4 0.093 -9.000 -9.000 -999. 70. 15.7 0.06 0.53 1.00 1.36 335. 11.6 277.5 5.4
16 01 01 1 06 -13.9 0.167 -9.000 -9.000 -999. 164. 30.7 0.06 0.53 1.00 2.41 337. 11.6 278.0 5.4
16 01 01 1 07 -7.6 0.122 -9.000 -9.000 -999. 102. 20.5 0.06 0.53 1.00 1.80 356. 11.6 277.3 5.4
16 01 01 1 08 -25.5 0.388 -9.000 -9.000 -999. 579. 197.5 0.09 0.53 0.53 4.73 74. 10.1 274.3 5.4
16 01 01 1 09 22.4 0.406 0.330 0.005 55. 621. -258.7 0.09 0.53 0.32 4.70 79. 10.1 277.2 5.4
16 01 01 1 10 55.5 0.399 0.599 0.005 134. 605. -99.0 0.09 0.53 0.25 4.46 85. 10.1 283.0 5.4
16 01 01 1 11 78.4 0.108 0.975 0.005 409. 229. -1.4 0.06 0.53 0.22 0.82 331. 11.6 286.7 5.4
16 01 01 1 12 85.7 0.137 1.097 0.005 532. 123. -2.6 0.04 0.53 0.21 1.30 34. 11.6 288.6 5.4
16 01 01 1 13 85.3 0.107 1.147 0.005 611. 84. -1.2 0.04 0.53 0.21 0.89 48. 11.6 290.2 5.4
16 01 01 1 14 61.6 0.118 1.057 0.005 662. 97. -2.3 0.06 0.53 0.22 0.96 9. 11.6 290.5 5.4
16 01 01 1 15 45.7 0.115 1.038 0.005 844. 93. -2.9 0.06 0.53 0.26 0.99 352. 11.6 290.7 5.4
16 01 01 1 16 14.9 0.098 0.732 0.005 908. 73. -5.4 0.04 0.53 0.35 1.03 41. 11.6 289.9 5.4
16 01 01 1 17 -13.7 0.171 -9.000 -9.000 -999. 169. 32.1 0.04 0.53 0.63 2.63 59. 11.6 287.2 5.4
16 01 01 1 18 -17.5 0.186 -9.000 -9.000 -999. 193. 38.2 0.04 0.53 1.00 2.86 43. 11.6 284.7 5.4
16 01 01 1 19 -18.1 0.193 -9.000 -9.000 -999. 204. 41.1 0.06 0.53 1.00 2.70 15. 11.6 283.9 5.4
16 01 01 1 20 -11.3 0.151 -9.000 -9.000 -999. 141. 26.4 0.06 0.53 1.00 2.15 10. 11.6 283.3 5.4
16 01 01 1 21 -4.4 0.094 -9.000 -9.000 -999. 69. 16.1 0.06 0.53 1.00 1.35 17. 11.6 283.0 5.4
16 01 01 1 22 -3.0 0.077 -9.000 -9.000 -999. 52. 13.5 0.04 0.53 1.00 1.16 36. 11.6 282.6 5.4
16 01 01 1 23 -2.4 0.074 -9.000 -9.000 -999. 48. 14.3 0.06 0.53 1.00 0.95 360. 11.6 281.7 5.4
16 01 01 1 24 -1.7 0.068 -9.000 -9.000 -999. 43. 15.7 0.06 0.53 1.00 0.74 334. 11.6 280.6 5.4

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

16 01 01 01 5.4 0 -999. -99.00 279.8 99.0 -99.00 -99.00

16 01 01 01 11.6 1 342. 3.11 -999.0 99.0 -99.00 -99.00

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,
L0000217 ,L0000218 ,L0000219 ,L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,
L0000225 ,L0000226 ,L0000227 ,L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,
L0000233 ,L0000234 ,L0000235 ,L0000236 ,L0000237 ,L0000238 ,L0000239 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 482362.58 482412.58 482462.58 482512.58 482562.58 482612.58 482662.58 482712.58 482762.58

3735691.22 | 0.00005 0.00006 0.00006 0.00007 0.00007 0.00008 0.00008 0.00009 0.00009
3735641.22 | 0.00006 0.00006 0.00007 0.00007 0.00008 0.00009 0.00009 0.00010 0.00011
3735591.22 | 0.00006 0.00007 0.00007 0.00008 0.00009 0.00009 0.00010 0.00011 0.00012
3735541.22 | 0.00006 0.00007 0.00008 0.00009 0.00009 0.00010 0.00012 0.00013 0.00014
3735491.22 | 0.00007 0.00008 0.00008 0.00009 0.00010 0.00012 0.00013 0.00015 0.00017
3735441.22 | 0.00007 0.00008 0.00009 0.00010 0.00011 0.00013 0.00015 0.00017 0.00020
3735391.22 | 0.00008 0.00009 0.00010 0.00011 0.00013 0.00015 0.00017 0.00021 0.00025
3735341.22 | 0.00008 0.00009 0.00010 0.00012 0.00014 0.00016 0.00019 0.00024 0.00031
3735291.22 | 0.00008 0.00010 0.00011 0.00013 0.00015 0.00018 0.00022 0.00028 0.00038
3735241.22 | 0.00009 0.00010 0.00011 0.00013 0.00016 0.00019 0.00024 0.00032 0.00045
3735191.22 | 0.00009 0.00010 0.00012 0.00014 0.00017 0.00021 0.00026 0.00035 0.00051
3735141.22 | 0.00009 0.00011 0.00012 0.00015 0.00018 0.00022 0.00028 0.00037 0.00054
3735091.22 | 0.00010 0.00011 0.00013 0.00015 0.00018 0.00023 0.00029 0.00039 0.00056
3735041.22 | 0.00010 0.00011 0.00013 0.00015 0.00019 0.00023 0.00030 0.00040 0.00057
3734991.22 | 0.00010 0.00011 0.00013 0.00016 0.00019 0.00023 0.00030 0.00040 0.00057
3734941.22 | 0.00010 0.00011 0.00013 0.00016 0.00019 0.00023 0.00030 0.00040 0.00057
3734891.22 | 0.00010 0.00011 0.00013 0.00015 0.00019 0.00023 0.00029 0.00039 0.00056
3734841.22 | 0.00010 0.00011 0.00012 0.00015 0.00018 0.00022 0.00029 0.00038 0.00055
3734791.22 | 0.00009 0.00011 0.00012 0.00014 0.00017 0.00021 0.00027 0.00037 0.00055
3734741.22 | 0.00009 0.00010 0.00012 0.00014 0.00016 0.00020 0.00026 0.00035 0.00054
3734691.22 | 0.00009 0.00010 0.00011 0.00013 0.00015 0.00019 0.00023 0.00031 0.00049
3734641.22 | 0.00008 0.00009 0.00010 0.00012 0.00014 0.00017 0.00021 0.00026 0.00037
3734591.22 | 0.00008 0.00009 0.00010 0.00011 0.00013 0.00015 0.00018 0.00021 0.00026
3734541.22 | 0.00007 0.00008 0.00009 0.00010 0.00011 0.00013 0.00015 0.00017 0.00019

3734491.22	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00013	0.00014	0.00015
3734441.22	0.00006	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012	0.00012
3734391.22	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011
3734341.22	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009
3734291.22	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008
3734241.22	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,
L0000217 ,L0000218 ,L0000219 ,L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,
L0000225 ,L0000226 ,L0000227 ,L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,
L0000233 ,L0000234 ,L0000235 ,L0000236 ,L0000237 ,L0000238 ,L0000239 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 482812.58 482862.58 482912.58 482962.58 483012.58 483062.58 483112.58 483162.58 483212.58

3735691.22 | 0.00010 0.00010 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011 0.00011
3735641.22 | 0.00011 0.00012 0.00012 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013 0.00013
3735591.22 | 0.00013 0.00014 0.00015 0.00015 0.00015 0.00015 0.00015 0.00015 0.00015 0.00015
3735541.22 | 0.00016 0.00017 0.00018 0.00018 0.00018 0.00018 0.00018 0.00018 0.00018 0.00018
3735491.22 | 0.00019 0.00021 0.00022 0.00023 0.00023 0.00023 0.00023 0.00023 0.00022 0.00022
3735441.22 | 0.00024 0.00027 0.00029 0.00030 0.00030 0.00030 0.00029 0.00029 0.00029 0.00028
3735391.22 | 0.00031 0.00038 0.00043 0.00044 0.00043 0.00042 0.00041 0.00040 0.00040 0.00039
3735341.22 | 0.00043 0.00062 0.00079 0.00079 0.00075 0.00073 0.00071 0.00070 0.00069 0.00069
3735291.22 | 0.00059 0.00134 0.00189 0.00169 0.00153 0.00146 0.00143 0.00174 0.00170 0.00170
3735241.22 | 0.00076 0.00206 0.00282 0.00120 0.00093 0.00082 0.00076 0.00072 0.00069 0.00069
3735191.22 | 0.00086 0.00223 0.00295 0.00112 0.00075 0.00060 0.00053 0.00049 0.00046 0.00046
3735141.22 | 0.00090 0.00228 0.00299 0.00113 0.00071 0.00054 0.00045 0.00040 0.00037 0.00037
3735091.22 | 0.00092 0.00232 0.00299 0.00114 0.00070 0.00051 0.00042 0.00036 0.00032 0.00032
3735041.22 | 0.00094 0.00234 0.00299 0.00114 0.00070 0.00050 0.00040 0.00033 0.00029 0.00029
3734991.22 | 0.00094 0.00235 0.00297 0.00114 0.00069 0.00049 0.00038 0.00032 0.00027 0.00027
3734941.22 | 0.00093 0.00235 0.00295 0.00113 0.00068 0.00048 0.00037 0.00030 0.00026 0.00026
3734891.22 | 0.00093 0.00235 0.00292 0.00111 0.00067 0.00047 0.00036 0.00029 0.00024 0.00024
3734841.22 | 0.00092 0.00234 0.00287 0.00107 0.00064 0.00045 0.00034 0.00028 0.00023 0.00023
3734791.22 | 0.00095 0.00243 0.00271 0.00098 0.00059 0.00042 0.00032 0.00026 0.00022 0.00022
3734741.22 | 0.00113 0.00378 0.00186 0.00083 0.00052 0.00038 0.00030 0.00024 0.00020 0.00020
3734691.22 | 0.00140 0.00227 0.00103 0.00064 0.00044 0.00034 0.00027 0.00022 0.00019 0.00019
3734641.22 | 0.00055 0.00072 0.00060 0.00047 0.00036 0.00029 0.00024 0.00020 0.00018 0.00018
3734591.22 | 0.00031 0.00037 0.00038 0.00034 0.00030 0.00025 0.00021 0.00019 0.00016 0.00016
3734541.22 | 0.00022 0.00024 0.00026 0.00026 0.00024 0.00021 0.00019 0.00017 0.00015 0.00015

[illegible]

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045\Perris_2045.isc *** 07/14/26
*** AERMET - VERSION 22112 *** *** 14:13:35

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,
L0000217 ,L0000218 ,L0000219 ,L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,
L0000225 ,L0000226 ,L0000227 ,L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,
L0000233 ,L0000234 ,L0000235 ,L0000236 ,L0000237 ,L0000238 ,L0000239 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 483262.58 483312.58 483362.58 483412.58 483462.58 483512.58 483562.58 483612.58 483662.58

3735691.22	0.00011	0.00011	0.00011	0.00011	0.00010	0.00010	0.00010	0.00010	0.00009
3735641.22	0.00013	0.00012	0.00012	0.00012	0.00012	0.00012	0.00011	0.00011	0.00011
3735591.22	0.00015	0.00015	0.00014	0.00014	0.00014	0.00013	0.00013	0.00013	0.00013
3735541.22	0.00018	0.00017	0.00017	0.00017	0.00016	0.00016	0.00016	0.00015	0.00015
3735491.22	0.00021	0.00021	0.00021	0.00020	0.00020	0.00019	0.00019	0.00019	0.00018
3735441.22	0.00027	0.00027	0.00026	0.00026	0.00026	0.00025	0.00025	0.00024	0.00024
3735391.22	0.00038	0.00038	0.00037	0.00037	0.00036	0.00036	0.00035	0.00035	0.00034
3735341.22	0.00067	0.00067	0.00067	0.00067	0.00066	0.00065	0.00064	0.00064	0.00063
3735291.22	0.00130	0.00162	0.00166	0.00130	0.00129	0.00129	0.00159	0.00159	0.00126
3735241.22	0.00066	0.00064	0.00064	0.00064	0.00063	0.00063	0.00062	0.00062	0.00061
3735191.22	0.00043	0.00042	0.00041	0.00040	0.00039	0.00039	0.00038	0.00037	0.00037
3735141.22	0.00034	0.00032	0.00031	0.00030	0.00029	0.00029	0.00028	0.00027	0.00027
3735091.22	0.00029	0.00027	0.00026	0.00025	0.00024	0.00023	0.00023	0.00022	0.00021
3735041.22	0.00026	0.00024	0.00023	0.00022	0.00021	0.00020	0.00019	0.00019	0.00018
3734991.22	0.00024	0.00022	0.00020	0.00019	0.00018	0.00017	0.00017	0.00016	0.00015
3734941.22	0.00023	0.00020	0.00019	0.00017	0.00016	0.00016	0.00015	0.00014	0.00014
3734891.22	0.00021	0.00019	0.00017	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012
3734841.22	0.00020	0.00018	0.00016	0.00015	0.00014	0.00013	0.00012	0.00012	0.00011
3734791.22	0.00019	0.00017	0.00015	0.00014	0.00013	0.00012	0.00011	0.00011	0.00010
3734741.22	0.00018	0.00016	0.00014	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010
3734691.22	0.00017	0.00015	0.00013	0.00012	0.00011	0.00011	0.00010	0.00009	0.00009
3734641.22	0.00016	0.00014	0.00013	0.00011	0.00011	0.00010	0.00009	0.00009	0.00008
3734591.22	0.00014	0.00013	0.00012	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008
3734541.22	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00008	0.00008	0.00008

3734491.22	0.00013	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007
3734441.22	0.00012	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007
3734391.22	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00006
3734341.22	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006
3734291.22	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006
3734241.22	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,
L0000217 ,L0000218 ,L0000219 ,L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,
L0000225 ,L0000226 ,L0000227 ,L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,
L0000233 ,L0000234 ,L0000235 ,L0000236 ,L0000237 ,L0000238 ,L0000239 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 483712.58 483762.58 483812.58 483862.58 483912.58 483962.58 484012.58 484062.58 484112.58

3735691.22	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00006	0.00006
3735641.22	0.00010	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00006
3735591.22	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00008	0.00007
3735541.22	0.00014	0.00014	0.00013	0.00013	0.00012	0.00011	0.00010	0.00009	0.00008
3735491.22	0.00018	0.00017	0.00017	0.00016	0.00015	0.00014	0.00013	0.00011	0.00010
3735441.22	0.00023	0.00023	0.00022	0.00021	0.00020	0.00019	0.00017	0.00015	0.00012
3735391.22	0.00034	0.00033	0.00032	0.00031	0.00030	0.00028	0.00026	0.00021	0.00016
3735341.22	0.00063	0.00062	0.00061	0.00060	0.00058	0.00056	0.00052	0.00043	0.00025
3735291.22	0.00126	0.00127	0.00129	0.00161	0.00126	0.00122	0.00118	0.00103	0.00038
3735241.22	0.00061	0.00060	0.00060	0.00059	0.00058	0.00056	0.00052	0.00044	0.00028
3735191.22	0.00036	0.00036	0.00035	0.00034	0.00033	0.00031	0.00028	0.00025	0.00019
3735141.22	0.00026	0.00026	0.00025	0.00024	0.00023	0.00022	0.00020	0.00018	0.00015
3735091.22	0.00021	0.00020	0.00019	0.00019	0.00018	0.00017	0.00015	0.00014	0.00012
3735041.22	0.00017	0.00017	0.00016	0.00015	0.00015	0.00014	0.00013	0.00012	0.00011
3734991.22	0.00015	0.00014	0.00014	0.00013	0.00012	0.00012	0.00011	0.00010	0.00009
3734941.22	0.00013	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00008
3734891.22	0.00012	0.00011	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008
3734841.22	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007
3734791.22	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007
3734741.22	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006
3734691.22	0.00009	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006
3734641.22	0.00008	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00005
3734591.22	0.00008	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00005	0.00005
3734541.22	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005

3734491.22	0.00007	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005
3734441.22	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005
3734391.22	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004
3734341.22	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004
3734291.22	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
3734241.22	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,
L0000217 ,L0000218 ,L0000219 ,L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,
L0000225 ,L0000226 ,L0000227 ,L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,
L0000233 ,L0000234 ,L0000235 ,L0000236 ,L0000237 ,L0000238 ,L0000239 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 484162.58 484212.58 484262.58 484312.58 484362.58 484412.58 484462.58 484512.58 484562.58

3735691.22 | 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003 0.00003 0.00003
3735641.22 | 0.00006 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003 0.00003 0.00003
3735591.22 | 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003 0.00003
3735541.22 | 0.00007 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003 0.00003
3735491.22 | 0.00008 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003
3735441.22 | 0.00010 0.00008 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003
3735391.22 | 0.00012 0.00009 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003
3735341.22 | 0.00014 0.00010 0.00008 0.00006 0.00006 0.00005 0.00004 0.00004 0.00003
3735291.22 | 0.00016 0.00011 0.00008 0.00007 0.00006 0.00005 0.00004 0.00004 0.00003
3735241.22 | 0.00015 0.00010 0.00008 0.00007 0.00006 0.00005 0.00004 0.00004 0.00004
3735191.22 | 0.00014 0.00010 0.00008 0.00006 0.00006 0.00005 0.00004 0.00004 0.00004
3735141.22 | 0.00012 0.00010 0.00008 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003
3735091.22 | 0.00011 0.00009 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003
3735041.22 | 0.00009 0.00008 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003
3734991.22 | 0.00008 0.00008 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00003
3734941.22 | 0.00008 0.00007 0.00006 0.00006 0.00005 0.00004 0.00004 0.00004 0.00003
3734891.22 | 0.00007 0.00007 0.00006 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003
3734841.22 | 0.00007 0.00006 0.00006 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003
3734791.22 | 0.00006 0.00006 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003
3734741.22 | 0.00006 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003 0.00003
3734691.22 | 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00003 0.00003
3734641.22 | 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003
3734591.22 | 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003
3734541.22 | 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003 0.00003

[illegible]

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000212 ,L0000213 ,L0000214 ,L0000215 ,L0000216 ,
L0000217 ,L0000218 ,L0000219 ,L0000220 ,L0000221 ,L0000222 ,L0000223 ,L0000224 ,
L0000225 ,L0000226 ,L0000227 ,L0000228 ,L0000229 ,L0000230 ,L0000231 ,L0000232 ,
L0000233 ,L0000234 ,L0000235 ,L0000236 ,L0000237 ,L0000238 ,L0000239 , ... ,

*** 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
483079.58	3735332.70	0.00084	483147.65	3735319.41	0.00112
483216.97	3735382.92	0.00042	483388.63	3735310.42	0.00154
483388.95	3735285.66	0.00168	483526.31	3735308.86	0.00158
483527.10	3735288.20	0.00150	483653.55	3735310.44	0.00143
483805.03	3735316.49	0.00112	483985.93	3735318.36	0.00098
484107.56	3735241.19	0.00030	484101.21	3735174.27	0.00019
482903.55	3735168.53	0.00411	482873.83	3735044.40	0.00345
482874.99	3734942.99	0.00366	482904.72	3734946.49	0.00387
482947.26	3734851.49	0.00134	482849.35	3734735.52	0.00332
482863.86	3734708.13	0.00347	482791.16	3734649.56	0.00051

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	0.00411 AT (482903.55, 3735168.53, 433.86, 433.86, 0.00) DC
	2ND HIGHEST VALUE IS	0.00387 AT (482904.72, 3734946.49, 434.49, 434.49, 0.00) DC
	3RD HIGHEST VALUE IS	0.00378 AT (482862.58, 3734741.22, 434.60, 434.60, 0.00) GC UCART1
	4TH HIGHEST VALUE IS	0.00366 AT (482874.99, 3734942.99, 434.26, 434.26, 0.00) DC
	5TH HIGHEST VALUE IS	0.00347 AT (482863.86, 3734708.13, 434.88, 434.88, 0.00) DC
	6TH HIGHEST VALUE IS	0.00345 AT (482873.83, 3735044.40, 434.24, 434.24, 0.00) DC
	7TH HIGHEST VALUE IS	0.00332 AT (482849.35, 3734735.52, 434.50, 434.50, 0.00) DC
	8TH HIGHEST VALUE IS	0.00299 AT (482912.58, 3735091.22, 434.10, 434.10, 0.00) GC UCART1
	9TH HIGHEST VALUE IS	0.00299 AT (482912.58, 3735041.22, 434.20, 434.20, 0.00) GC UCART1
	10TH HIGHEST VALUE IS	0.00299 AT (482912.58, 3735141.22, 434.00, 434.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** MODELOPTs: RegDEFAULT 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 2 Warning Message(s)
A Total of 598 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 227 Calm Hours Identified

A Total of 371 Missing Hours Identified (0.85 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186 542 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 542 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.1.0
** Lakes Environmental Software Inc.
** Date: 7/15/2026
** File: J:\AER\Perris_2045C\Perris_2045C.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE J:\AER\Perris_2045C\Perris_2045C.isc
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2492442
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL Perris_2045C.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 = SLINE40
** DESCRSRC TA Segment 40: Mapes Road (Trumble to Sherman)
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0000214294
```

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 2

** 482891.210, 3735293.857, 433.33, 3.49, 4.00

** 483288.133, 3735298.271, 435.53, 3.49, 4.00

** -----

LOCATION L0000423	VOLUME	482895.505	3735293.905	433.35
LOCATION L0000424	VOLUME	482904.094	3735294.000	433.40
LOCATION L0000425	VOLUME	482912.683	3735294.096	433.45
LOCATION L0000426	VOLUME	482921.273	3735294.191	433.50
LOCATION L0000427	VOLUME	482929.862	3735294.287	433.54
LOCATION L0000428	VOLUME	482938.452	3735294.382	433.59
LOCATION L0000429	VOLUME	482947.041	3735294.478	433.64
LOCATION L0000430	VOLUME	482955.631	3735294.573	433.69
LOCATION L0000431	VOLUME	482964.220	3735294.669	433.73
LOCATION L0000432	VOLUME	482972.810	3735294.764	433.78
LOCATION L0000433	VOLUME	482981.399	3735294.860	433.83
LOCATION L0000434	VOLUME	482989.989	3735294.955	433.88
LOCATION L0000435	VOLUME	482998.578	3735295.051	433.93
LOCATION L0000436	VOLUME	483007.168	3735295.147	433.97
LOCATION L0000437	VOLUME	483015.757	3735295.242	434.02
LOCATION L0000438	VOLUME	483024.347	3735295.338	434.07
LOCATION L0000439	VOLUME	483032.936	3735295.433	434.12
LOCATION L0000440	VOLUME	483041.526	3735295.529	434.16
LOCATION L0000441	VOLUME	483050.115	3735295.624	434.21
LOCATION L0000442	VOLUME	483058.704	3735295.720	434.26
LOCATION L0000443	VOLUME	483067.294	3735295.815	434.31
LOCATION L0000444	VOLUME	483075.883	3735295.911	434.35
LOCATION L0000445	VOLUME	483084.473	3735296.006	434.40
LOCATION L0000446	VOLUME	483093.062	3735296.102	434.45
LOCATION L0000447	VOLUME	483101.652	3735296.197	434.50
LOCATION L0000448	VOLUME	483110.241	3735296.293	434.54
LOCATION L0000449	VOLUME	483118.831	3735296.388	434.59
LOCATION L0000450	VOLUME	483127.420	3735296.484	434.64
LOCATION L0000451	VOLUME	483136.010	3735296.579	434.69
LOCATION L0000452	VOLUME	483144.599	3735296.675	434.73
LOCATION L0000453	VOLUME	483153.189	3735296.770	434.78
LOCATION L0000454	VOLUME	483161.778	3735296.866	434.83
LOCATION L0000455	VOLUME	483170.368	3735296.961	434.88
LOCATION L0000456	VOLUME	483178.957	3735297.057	434.92
LOCATION L0000457	VOLUME	483187.546	3735297.152	434.97
LOCATION L0000458	VOLUME	483196.136	3735297.248	435.02

LOCATION L0000459	VOLUME	483204.725	3735297.343	435.07
LOCATION L0000460	VOLUME	483213.315	3735297.439	435.12
LOCATION L0000461	VOLUME	483221.904	3735297.534	435.16
LOCATION L0000462	VOLUME	483230.494	3735297.630	435.21
LOCATION L0000463	VOLUME	483239.083	3735297.725	435.26
LOCATION L0000464	VOLUME	483247.673	3735297.821	435.31
LOCATION L0000465	VOLUME	483256.262	3735297.917	435.35
LOCATION L0000466	VOLUME	483264.852	3735298.012	435.40
LOCATION L0000467	VOLUME	483273.441	3735298.108	435.45
LOCATION L0000468	VOLUME	483282.031	3735298.203	435.50

** End of LINE VOLUME Source ID = SLINE40

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE41

** DESCRSRC TA Segment 41: Mapes Road (Sherman to Antelope)

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0000434585

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 2

** 483291.040, 3735298.290, 435.52, 3.49, 4.00

** 484091.996, 3735296.014, 443.86, 3.49, 4.00

** -----

LOCATION L0000469	VOLUME	483295.335	3735298.278	435.56
LOCATION L0000470	VOLUME	483303.925	3735298.253	435.65
LOCATION L0000471	VOLUME	483312.515	3735298.229	435.74
LOCATION L0000472	VOLUME	483321.105	3735298.204	435.83
LOCATION L0000473	VOLUME	483329.695	3735298.180	435.92
LOCATION L0000474	VOLUME	483338.285	3735298.155	436.01
LOCATION L0000475	VOLUME	483346.875	3735298.131	436.10
LOCATION L0000476	VOLUME	483355.465	3735298.107	436.19
LOCATION L0000477	VOLUME	483364.055	3735298.082	436.28
LOCATION L0000478	VOLUME	483372.645	3735298.058	436.37
LOCATION L0000479	VOLUME	483381.235	3735298.033	436.46
LOCATION L0000480	VOLUME	483389.825	3735298.009	436.55
LOCATION L0000481	VOLUME	483398.415	3735297.985	436.64
LOCATION L0000482	VOLUME	483407.005	3735297.960	436.73
LOCATION L0000483	VOLUME	483415.595	3735297.936	436.82
LOCATION L0000484	VOLUME	483424.185	3735297.911	436.91
LOCATION L0000485	VOLUME	483432.775	3735297.887	437.00

LOCATION L0000486	VOLUME	483441.364	3735297.863	437.09
LOCATION L0000487	VOLUME	483449.954	3735297.838	437.17
LOCATION L0000488	VOLUME	483458.544	3735297.814	437.26
LOCATION L0000489	VOLUME	483467.134	3735297.789	437.35
LOCATION L0000490	VOLUME	483475.724	3735297.765	437.44
LOCATION L0000491	VOLUME	483484.314	3735297.741	437.53
LOCATION L0000492	VOLUME	483492.904	3735297.716	437.62
LOCATION L0000493	VOLUME	483501.494	3735297.692	437.71
LOCATION L0000494	VOLUME	483510.084	3735297.667	437.80
LOCATION L0000495	VOLUME	483518.674	3735297.643	437.89
LOCATION L0000496	VOLUME	483527.264	3735297.619	437.98
LOCATION L0000497	VOLUME	483535.854	3735297.594	438.07
LOCATION L0000498	VOLUME	483544.444	3735297.570	438.16
LOCATION L0000499	VOLUME	483553.034	3735297.545	438.25
LOCATION L0000500	VOLUME	483561.624	3735297.521	438.34
LOCATION L0000501	VOLUME	483570.214	3735297.497	438.43
LOCATION L0000502	VOLUME	483578.804	3735297.472	438.52
LOCATION L0000503	VOLUME	483587.394	3735297.448	438.61
LOCATION L0000504	VOLUME	483595.984	3735297.423	438.70
LOCATION L0000505	VOLUME	483604.574	3735297.399	438.78
LOCATION L0000506	VOLUME	483613.164	3735297.375	438.87
LOCATION L0000507	VOLUME	483621.754	3735297.350	438.96
LOCATION L0000508	VOLUME	483630.344	3735297.326	439.05
LOCATION L0000509	VOLUME	483638.934	3735297.301	439.14
LOCATION L0000510	VOLUME	483647.524	3735297.277	439.23
LOCATION L0000511	VOLUME	483656.114	3735297.252	439.32
LOCATION L0000512	VOLUME	483664.704	3735297.228	439.41
LOCATION L0000513	VOLUME	483673.294	3735297.204	439.50
LOCATION L0000514	VOLUME	483681.884	3735297.179	439.59
LOCATION L0000515	VOLUME	483690.473	3735297.155	439.68
LOCATION L0000516	VOLUME	483699.063	3735297.130	439.77
LOCATION L0000517	VOLUME	483707.653	3735297.106	439.86
LOCATION L0000518	VOLUME	483716.243	3735297.082	439.95
LOCATION L0000519	VOLUME	483724.833	3735297.057	440.04
LOCATION L0000520	VOLUME	483733.423	3735297.033	440.13
LOCATION L0000521	VOLUME	483742.013	3735297.008	440.22
LOCATION L0000522	VOLUME	483750.603	3735296.984	440.31
LOCATION L0000523	VOLUME	483759.193	3735296.960	440.39
LOCATION L0000524	VOLUME	483767.783	3735296.935	440.48
LOCATION L0000525	VOLUME	483776.373	3735296.911	440.57
LOCATION L0000526	VOLUME	483784.963	3735296.886	440.66
LOCATION L0000527	VOLUME	483793.553	3735296.862	440.75
LOCATION L0000528	VOLUME	483802.143	3735296.838	440.84

LOCATION L0000529	VOLUME	483810.733	3735296.813	440.93
LOCATION L0000530	VOLUME	483819.323	3735296.789	441.02
LOCATION L0000531	VOLUME	483827.913	3735296.764	441.11
LOCATION L0000532	VOLUME	483836.503	3735296.740	441.20
LOCATION L0000533	VOLUME	483845.093	3735296.716	441.29
LOCATION L0000534	VOLUME	483853.683	3735296.691	441.38
LOCATION L0000535	VOLUME	483862.273	3735296.667	441.47
LOCATION L0000536	VOLUME	483870.863	3735296.642	441.56
LOCATION L0000537	VOLUME	483879.453	3735296.618	441.65
LOCATION L0000538	VOLUME	483888.043	3735296.594	441.74
LOCATION L0000539	VOLUME	483896.633	3735296.569	441.83
LOCATION L0000540	VOLUME	483905.223	3735296.545	441.92
LOCATION L0000541	VOLUME	483913.813	3735296.520	442.00
LOCATION L0000542	VOLUME	483922.403	3735296.496	442.09
LOCATION L0000543	VOLUME	483930.993	3735296.472	442.18
LOCATION L0000544	VOLUME	483939.582	3735296.447	442.27
LOCATION L0000545	VOLUME	483948.172	3735296.423	442.36
LOCATION L0000546	VOLUME	483956.762	3735296.398	442.45
LOCATION L0000547	VOLUME	483965.352	3735296.374	442.54
LOCATION L0000548	VOLUME	483973.942	3735296.349	442.63
LOCATION L0000549	VOLUME	483982.532	3735296.325	442.72
LOCATION L0000550	VOLUME	483991.122	3735296.301	442.81
LOCATION L0000551	VOLUME	483999.712	3735296.276	442.90
LOCATION L0000552	VOLUME	484008.302	3735296.252	442.99
LOCATION L0000553	VOLUME	484016.892	3735296.227	443.08
LOCATION L0000554	VOLUME	484025.482	3735296.203	443.17
LOCATION L0000555	VOLUME	484034.072	3735296.179	443.26
LOCATION L0000556	VOLUME	484042.662	3735296.154	443.35
LOCATION L0000557	VOLUME	484051.252	3735296.130	443.44
LOCATION L0000558	VOLUME	484059.842	3735296.105	443.53
LOCATION L0000559	VOLUME	484068.432	3735296.081	443.61
LOCATION L0000560	VOLUME	484077.022	3735296.057	443.70
LOCATION L0000561	VOLUME	484085.612	3735296.032	443.79

** End of LINE VOLUME Source ID = SLINE41

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE49

** DESCRSRC TA Segment 49: Trumble Road (Mapes to SR-74)

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0000396965

** Elevated

** Vertical Dimension = 6.99

** SZINIT = 1.62

** Nodes = 6

** 482890.385, 3735286.712, 433.33, 3.49, 4.00

** 482888.990, 3734792.872, 434.65, 3.49, 4.00

** 482888.219, 3734776.215, 434.67, 3.49, 4.00

** 482883.747, 3734762.026, 434.70, 3.49, 4.00

** 482877.886, 3734749.842, 434.74, 3.49, 4.00

** 482829.071, 3734684.659, 434.49, 3.49, 4.00

** -----

LOCATION L0000562	VOLUME	482890.373	3735282.417	433.34
LOCATION L0000563	VOLUME	482890.349	3735273.827	433.36
LOCATION L0000564	VOLUME	482890.325	3735265.237	433.39
LOCATION L0000565	VOLUME	482890.300	3735256.647	433.41
LOCATION L0000566	VOLUME	482890.276	3735248.057	433.43
LOCATION L0000567	VOLUME	482890.252	3735239.467	433.46
LOCATION L0000568	VOLUME	482890.228	3735230.877	433.48
LOCATION L0000569	VOLUME	482890.203	3735222.287	433.50
LOCATION L0000570	VOLUME	482890.179	3735213.697	433.53
LOCATION L0000571	VOLUME	482890.155	3735205.107	433.55
LOCATION L0000572	VOLUME	482890.130	3735196.517	433.57
LOCATION L0000573	VOLUME	482890.106	3735187.927	433.59
LOCATION L0000574	VOLUME	482890.082	3735179.337	433.62
LOCATION L0000575	VOLUME	482890.058	3735170.747	433.64
LOCATION L0000576	VOLUME	482890.033	3735162.157	433.66
LOCATION L0000577	VOLUME	482890.009	3735153.567	433.69
LOCATION L0000578	VOLUME	482889.985	3735144.977	433.71
LOCATION L0000579	VOLUME	482889.961	3735136.387	433.73
LOCATION L0000580	VOLUME	482889.936	3735127.797	433.75
LOCATION L0000581	VOLUME	482889.912	3735119.207	433.78
LOCATION L0000582	VOLUME	482889.888	3735110.617	433.80
LOCATION L0000583	VOLUME	482889.864	3735102.027	433.82
LOCATION L0000584	VOLUME	482889.839	3735093.437	433.85
LOCATION L0000585	VOLUME	482889.815	3735084.847	433.87
LOCATION L0000586	VOLUME	482889.791	3735076.257	433.89
LOCATION L0000587	VOLUME	482889.767	3735067.667	433.92
LOCATION L0000588	VOLUME	482889.742	3735059.077	433.94
LOCATION L0000589	VOLUME	482889.718	3735050.487	433.96
LOCATION L0000590	VOLUME	482889.694	3735041.897	433.98
LOCATION L0000591	VOLUME	482889.669	3735033.308	434.01
LOCATION L0000592	VOLUME	482889.645	3735024.718	434.03
LOCATION L0000593	VOLUME	482889.621	3735016.128	434.05
LOCATION L0000594	VOLUME	482889.597	3735007.538	434.08

LOCATION L0000595	VOLUME	482889.572	3734998.948	434.10
LOCATION L0000596	VOLUME	482889.548	3734990.358	434.12
LOCATION L0000597	VOLUME	482889.524	3734981.768	434.15
LOCATION L0000598	VOLUME	482889.500	3734973.178	434.17
LOCATION L0000599	VOLUME	482889.475	3734964.588	434.19
LOCATION L0000600	VOLUME	482889.451	3734955.998	434.21
LOCATION L0000601	VOLUME	482889.427	3734947.408	434.24
LOCATION L0000602	VOLUME	482889.403	3734938.818	434.26
LOCATION L0000603	VOLUME	482889.378	3734930.228	434.28
LOCATION L0000604	VOLUME	482889.354	3734921.638	434.31
LOCATION L0000605	VOLUME	482889.330	3734913.048	434.33
LOCATION L0000606	VOLUME	482889.306	3734904.458	434.35
LOCATION L0000607	VOLUME	482889.281	3734895.868	434.37
LOCATION L0000608	VOLUME	482889.257	3734887.278	434.40
LOCATION L0000609	VOLUME	482889.233	3734878.688	434.42
LOCATION L0000610	VOLUME	482889.209	3734870.098	434.44
LOCATION L0000611	VOLUME	482889.184	3734861.508	434.47
LOCATION L0000612	VOLUME	482889.160	3734852.918	434.49
LOCATION L0000613	VOLUME	482889.136	3734844.328	434.51
LOCATION L0000614	VOLUME	482889.111	3734835.738	434.54
LOCATION L0000615	VOLUME	482889.087	3734827.148	434.56
LOCATION L0000616	VOLUME	482889.063	3734818.558	434.58
LOCATION L0000617	VOLUME	482889.039	3734809.968	434.60
LOCATION L0000618	VOLUME	482889.014	3734801.378	434.63
LOCATION L0000619	VOLUME	482888.987	3734792.789	434.65
LOCATION L0000620	VOLUME	482888.589	3734784.208	434.66
LOCATION L0000621	VOLUME	482888.042	3734775.654	434.67
LOCATION L0000622	VOLUME	482885.460	3734767.461	434.69
LOCATION L0000623	VOLUME	482882.493	3734759.420	434.71
LOCATION L0000624	VOLUME	482878.770	3734751.679	434.73
LOCATION L0000625	VOLUME	482873.959	3734744.598	434.72
LOCATION L0000626	VOLUME	482868.810	3734737.723	434.69
LOCATION L0000627	VOLUME	482863.661	3734730.847	434.67
LOCATION L0000628	VOLUME	482858.511	3734723.971	434.64
LOCATION L0000629	VOLUME	482853.362	3734717.096	434.61
LOCATION L0000630	VOLUME	482848.213	3734710.220	434.59
LOCATION L0000631	VOLUME	482843.064	3734703.344	434.56
LOCATION L0000632	VOLUME	482837.915	3734696.469	434.54
LOCATION L0000633	VOLUME	482832.766	3734689.593	434.51

** End of LINE VOLUME Source ID = SLINE49

** Source Parameters **

** LINE VOLUME Source ID = SLINE40

SRCPARAM L0000423	0.0000004659	3.49	4.00	1.62
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[illegible]

SRCPARAM L0000467	0.0000004659	3.49	4.00	1.62
SRCPARAM L0000468	0.0000004659	3.49	4.00	1.62

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** LINE VOLUME Source ID = SLINE41

SRCPARAM L0000469	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000470	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000471	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000472	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000473	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000474	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000475	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000476	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000477	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000478	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000479	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000480	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000481	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000482	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000483	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000484	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000485	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000486	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000487	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000488	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000489	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000490	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000491	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000492	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000493	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000494	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000495	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000496	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000497	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000498	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000499	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000500	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000501	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000502	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000503	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000504	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000505	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000506	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000507	0.0000004673	3.49	4.00	1.62

[illegible]

SRCPARAM L0000551	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000552	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000553	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000554	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000555	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000556	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000557	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000558	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000559	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000560	0.0000004673	3.49	4.00	1.62
SRCPARAM L0000561	0.0000004673	3.49	4.00	1.62

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** LINE VOLUME Source ID = SLINE49

SRCPARAM L0000562	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000563	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000564	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000565	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000566	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000567	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000568	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000569	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000570	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000571	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000572	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000573	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000574	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000575	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000576	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000577	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000578	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000579	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000580	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000581	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000582	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000583	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000584	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000585	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000586	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000587	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000588	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000589	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000590	0.0000005513	3.49	4.00	1.62
SRCPARAM L0000591	0.0000005513	3.49	4.00	1.62

[illegible]

URBANSRC ALL
SRCGROUP ALL
SO FINISHED

**

** AERMOD Receptor Pathway

**
**
RE STARTING
INCLUDED Perris_2045C.rou
RE FINISHED

**

** AERMOD Meteorology Pathway

**
**
ME STARTING
SURFFILE "O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.sfc"
PROFFILE "O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.PFL"
SURFDATA 3171 2016
UAIRDATA 3190 2016
SITEDATA 60656001 2016
PROFBASE 442.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**
OU STARTING
** Auto-Generated Plotfiles
PLOTFILE PERIOD ALL PERRIS_2045C.AD\PE00GALL.PLT 31
SUMMFILE Perris_2045C.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 542 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 542 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc

*** 07/15/26

*** AERMET - VERSION 22112 *** **

*** 07:25:58

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 211 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 2492442.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 211 Source(s); 1 Source Group(s); and 1370 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 211 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

****The AERMET Input Meteorological Data Version Date: 22112**

****Output Options Selected:**

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

****NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours**

m for Missing Hours

b for Both Calm and Missing Hours

****Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0**

Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

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

****Input Runstream File: aermod.inp**

****Output Print File: aermod.out**

****Detailed Error/Message File: Perris_2045C.err**

****File for Summary of Results: Perris_2045C.sum**

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV. HEIGHT	SY	SZ	SOURCE SCALAR VARY	
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000423	0	0.46590E-06	482895.5	3735293.9	433.4	3.49	4.00	1.62 YES NO
L0000424	0	0.46590E-06	482904.1	3735294.0	433.4	3.49	4.00	1.62 YES NO
L0000425	0	0.46590E-06	482912.7	3735294.1	433.4	3.49	4.00	1.62 YES NO
L0000426	0	0.46590E-06	482921.3	3735294.2	433.5	3.49	4.00	1.62 YES NO
L0000427	0	0.46590E-06	482929.9	3735294.3	433.5	3.49	4.00	1.62 YES NO
L0000428	0	0.46590E-06	482938.5	3735294.4	433.6	3.49	4.00	1.62 YES NO
L0000429	0	0.46590E-06	482947.0	3735294.5	433.6	3.49	4.00	1.62 YES NO
L0000430	0	0.46590E-06	482955.6	3735294.6	433.7	3.49	4.00	1.62 YES NO
L0000431	0	0.46590E-06	482964.2	3735294.7	433.7	3.49	4.00	1.62 YES NO
L0000432	0	0.46590E-06	482972.8	3735294.8	433.8	3.49	4.00	1.62 YES NO
L0000433	0	0.46590E-06	482981.4	3735294.9	433.8	3.49	4.00	1.62 YES NO
L0000434	0	0.46590E-06	482990.0	3735295.0	433.9	3.49	4.00	1.62 YES NO
L0000435	0	0.46590E-06	482998.6	3735295.1	433.9	3.49	4.00	1.62 YES NO
L0000436	0	0.46590E-06	483007.2	3735295.1	434.0	3.49	4.00	1.62 YES NO
L0000437	0	0.46590E-06	483015.8	3735295.2	434.0	3.49	4.00	1.62 YES NO
L0000438	0	0.46590E-06	483024.3	3735295.3	434.1	3.49	4.00	1.62 YES NO
L0000439	0	0.46590E-06	483032.9	3735295.4	434.1	3.49	4.00	1.62 YES NO
L0000440	0	0.46590E-06	483041.5	3735295.5	434.2	3.49	4.00	1.62 YES NO
L0000441	0	0.46590E-06	483050.1	3735295.6	434.2	3.49	4.00	1.62 YES NO
L0000442	0	0.46590E-06	483058.7	3735295.7	434.3	3.49	4.00	1.62 YES NO
L0000443	0	0.46590E-06	483067.3	3735295.8	434.3	3.49	4.00	1.62 YES NO
L0000444	0	0.46590E-06	483075.9	3735295.9	434.4	3.49	4.00	1.62 YES NO
L0000445	0	0.46590E-06	483084.5	3735296.0	434.4	3.49	4.00	1.62 YES NO
L0000446	0	0.46590E-06	483093.1	3735296.1	434.4	3.49	4.00	1.62 YES NO
L0000447	0	0.46590E-06	483101.7	3735296.2	434.5	3.49	4.00	1.62 YES NO
L0000448	0	0.46590E-06	483110.2	3735296.3	434.5	3.49	4.00	1.62 YES NO
L0000449	0	0.46590E-06	483118.8	3735296.4	434.6	3.49	4.00	1.62 YES NO
L0000450	0	0.46590E-06	483127.4	3735296.5	434.6	3.49	4.00	1.62 YES NO
L0000451	0	0.46590E-06	483136.0	3735296.6	434.7	3.49	4.00	1.62 YES NO
L0000452	0	0.46590E-06	483144.6	3735296.7	434.7	3.49	4.00	1.62 YES NO

L0000453	0	0.46590E-06	483153.2	3735296.8	434.8	3.49	4.00	1.62	YES	NO
L0000454	0	0.46590E-06	483161.8	3735296.9	434.8	3.49	4.00	1.62	YES	NO
L0000455	0	0.46590E-06	483170.4	3735297.0	434.9	3.49	4.00	1.62	YES	NO
L0000456	0	0.46590E-06	483179.0	3735297.1	434.9	3.49	4.00	1.62	YES	NO
L0000457	0	0.46590E-06	483187.5	3735297.2	435.0	3.49	4.00	1.62	YES	NO
L0000458	0	0.46590E-06	483196.1	3735297.2	435.0	3.49	4.00	1.62	YES	NO
L0000459	0	0.46590E-06	483204.7	3735297.3	435.1	3.49	4.00	1.62	YES	NO
L0000460	0	0.46590E-06	483213.3	3735297.4	435.1	3.49	4.00	1.62	YES	NO
L0000461	0	0.46590E-06	483221.9	3735297.5	435.2	3.49	4.00	1.62	YES	NO
L0000462	0	0.46590E-06	483230.5	3735297.6	435.2	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000463	0	0.46590E-06	483239.1	3735297.7	435.3	3.49	4.00	1.62	YES NO
L0000464	0	0.46590E-06	483247.7	3735297.8	435.3	3.49	4.00	1.62	YES NO
L0000465	0	0.46590E-06	483256.3	3735297.9	435.4	3.49	4.00	1.62	YES NO
L0000466	0	0.46590E-06	483264.9	3735298.0	435.4	3.49	4.00	1.62	YES NO
L0000467	0	0.46590E-06	483273.4	3735298.1	435.4	3.49	4.00	1.62	YES NO
L0000468	0	0.46590E-06	483282.0	3735298.2	435.5	3.49	4.00	1.62	YES NO
L0000469	0	0.46730E-06	483295.3	3735298.3	435.6	3.49	4.00	1.62	YES NO
L0000470	0	0.46730E-06	483303.9	3735298.3	435.7	3.49	4.00	1.62	YES NO
L0000471	0	0.46730E-06	483312.5	3735298.2	435.7	3.49	4.00	1.62	YES NO
L0000472	0	0.46730E-06	483321.1	3735298.2	435.8	3.49	4.00	1.62	YES NO
L0000473	0	0.46730E-06	483329.7	3735298.2	435.9	3.49	4.00	1.62	YES NO
L0000474	0	0.46730E-06	483338.3	3735298.2	436.0	3.49	4.00	1.62	YES NO
L0000475	0	0.46730E-06	483346.9	3735298.1	436.1	3.49	4.00	1.62	YES NO
L0000476	0	0.46730E-06	483355.5	3735298.1	436.2	3.49	4.00	1.62	YES NO
L0000477	0	0.46730E-06	483364.1	3735298.1	436.3	3.49	4.00	1.62	YES NO
L0000478	0	0.46730E-06	483372.6	3735298.1	436.4	3.49	4.00	1.62	YES NO
L0000479	0	0.46730E-06	483381.2	3735298.0	436.5	3.49	4.00	1.62	YES NO
L0000480	0	0.46730E-06	483389.8	3735298.0	436.6	3.49	4.00	1.62	YES NO
L0000481	0	0.46730E-06	483398.4	3735298.0	436.6	3.49	4.00	1.62	YES NO
L0000482	0	0.46730E-06	483407.0	3735298.0	436.7	3.49	4.00	1.62	YES NO
L0000483	0	0.46730E-06	483415.6	3735297.9	436.8	3.49	4.00	1.62	YES NO
L0000484	0	0.46730E-06	483424.2	3735297.9	436.9	3.49	4.00	1.62	YES NO
L0000485	0	0.46730E-06	483432.8	3735297.9	437.0	3.49	4.00	1.62	YES NO
L0000486	0	0.46730E-06	483441.4	3735297.9	437.1	3.49	4.00	1.62	YES NO
L0000487	0	0.46730E-06	483450.0	3735297.8	437.2	3.49	4.00	1.62	YES NO
L0000488	0	0.46730E-06	483458.5	3735297.8	437.3	3.49	4.00	1.62	YES NO
L0000489	0	0.46730E-06	483467.1	3735297.8	437.4	3.49	4.00	1.62	YES NO
L0000490	0	0.46730E-06	483475.7	3735297.8	437.4	3.49	4.00	1.62	YES NO
L0000491	0	0.46730E-06	483484.3	3735297.7	437.5	3.49	4.00	1.62	YES NO
L0000492	0	0.46730E-06	483492.9	3735297.7	437.6	3.49	4.00	1.62	YES NO

L0000493	0	0.46730E-06	483501.5	3735297.7	437.7	3.49	4.00	1.62	YES	NO
L0000494	0	0.46730E-06	483510.1	3735297.7	437.8	3.49	4.00	1.62	YES	NO
L0000495	0	0.46730E-06	483518.7	3735297.6	437.9	3.49	4.00	1.62	YES	NO
L0000496	0	0.46730E-06	483527.3	3735297.6	438.0	3.49	4.00	1.62	YES	NO
L0000497	0	0.46730E-06	483535.9	3735297.6	438.1	3.49	4.00	1.62	YES	NO
L0000498	0	0.46730E-06	483544.4	3735297.6	438.2	3.49	4.00	1.62	YES	NO
L0000499	0	0.46730E-06	483553.0	3735297.5	438.2	3.49	4.00	1.62	YES	NO
L0000500	0	0.46730E-06	483561.6	3735297.5	438.3	3.49	4.00	1.62	YES	NO
L0000501	0	0.46730E-06	483570.2	3735297.5	438.4	3.49	4.00	1.62	YES	NO
L0000502	0	0.46730E-06	483578.8	3735297.5	438.5	3.49	4.00	1.62	YES	NO

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*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000503	0	0.46730E-06	483587.4	3735297.4	438.6	3.49	4.00	1.62	YES NO
L0000504	0	0.46730E-06	483596.0	3735297.4	438.7	3.49	4.00	1.62	YES NO
L0000505	0	0.46730E-06	483604.6	3735297.4	438.8	3.49	4.00	1.62	YES NO
L0000506	0	0.46730E-06	483613.2	3735297.4	438.9	3.49	4.00	1.62	YES NO
L0000507	0	0.46730E-06	483621.8	3735297.3	439.0	3.49	4.00	1.62	YES NO
L0000508	0	0.46730E-06	483630.3	3735297.3	439.1	3.49	4.00	1.62	YES NO
L0000509	0	0.46730E-06	483638.9	3735297.3	439.1	3.49	4.00	1.62	YES NO
L0000510	0	0.46730E-06	483647.5	3735297.3	439.2	3.49	4.00	1.62	YES NO
L0000511	0	0.46730E-06	483656.1	3735297.3	439.3	3.49	4.00	1.62	YES NO
L0000512	0	0.46730E-06	483664.7	3735297.2	439.4	3.49	4.00	1.62	YES NO
L0000513	0	0.46730E-06	483673.3	3735297.2	439.5	3.49	4.00	1.62	YES NO
L0000514	0	0.46730E-06	483681.9	3735297.2	439.6	3.49	4.00	1.62	YES NO
L0000515	0	0.46730E-06	483690.5	3735297.2	439.7	3.49	4.00	1.62	YES NO
L0000516	0	0.46730E-06	483699.1	3735297.1	439.8	3.49	4.00	1.62	YES NO
L0000517	0	0.46730E-06	483707.7	3735297.1	439.9	3.49	4.00	1.62	YES NO
L0000518	0	0.46730E-06	483716.2	3735297.1	439.9	3.49	4.00	1.62	YES NO
L0000519	0	0.46730E-06	483724.8	3735297.1	440.0	3.49	4.00	1.62	YES NO
L0000520	0	0.46730E-06	483733.4	3735297.0	440.1	3.49	4.00	1.62	YES NO
L0000521	0	0.46730E-06	483742.0	3735297.0	440.2	3.49	4.00	1.62	YES NO
L0000522	0	0.46730E-06	483750.6	3735297.0	440.3	3.49	4.00	1.62	YES NO
L0000523	0	0.46730E-06	483759.2	3735297.0	440.4	3.49	4.00	1.62	YES NO
L0000524	0	0.46730E-06	483767.8	3735296.9	440.5	3.49	4.00	1.62	YES NO
L0000525	0	0.46730E-06	483776.4	3735296.9	440.6	3.49	4.00	1.62	YES NO
L0000526	0	0.46730E-06	483785.0	3735296.9	440.7	3.49	4.00	1.62	YES NO
L0000527	0	0.46730E-06	483793.6	3735296.9	440.8	3.49	4.00	1.62	YES NO
L0000528	0	0.46730E-06	483802.1	3735296.8	440.8	3.49	4.00	1.62	YES NO
L0000529	0	0.46730E-06	483810.7	3735296.8	440.9	3.49	4.00	1.62	YES NO
L0000530	0	0.46730E-06	483819.3	3735296.8	441.0	3.49	4.00	1.62	YES NO
L0000531	0	0.46730E-06	483827.9	3735296.8	441.1	3.49	4.00	1.62	YES NO
L0000532	0	0.46730E-06	483836.5	3735296.7	441.2	3.49	4.00	1.62	YES NO

L0000533	0	0.46730E-06	483845.1	3735296.7	441.3	3.49	4.00	1.62	YES	NO
L0000534	0	0.46730E-06	483853.7	3735296.7	441.4	3.49	4.00	1.62	YES	NO
L0000535	0	0.46730E-06	483862.3	3735296.7	441.5	3.49	4.00	1.62	YES	NO
L0000536	0	0.46730E-06	483870.9	3735296.6	441.6	3.49	4.00	1.62	YES	NO
L0000537	0	0.46730E-06	483879.5	3735296.6	441.7	3.49	4.00	1.62	YES	NO
L0000538	0	0.46730E-06	483888.0	3735296.6	441.7	3.49	4.00	1.62	YES	NO
L0000539	0	0.46730E-06	483896.6	3735296.6	441.8	3.49	4.00	1.62	YES	NO
L0000540	0	0.46730E-06	483905.2	3735296.5	441.9	3.49	4.00	1.62	YES	NO
L0000541	0	0.46730E-06	483913.8	3735296.5	442.0	3.49	4.00	1.62	YES	NO
L0000542	0	0.46730E-06	483922.4	3735296.5	442.1	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000543	0	0.46730E-06	483931.0	3735296.5	442.2	3.49	4.00	1.62	YES NO
L0000544	0	0.46730E-06	483939.6	3735296.4	442.3	3.49	4.00	1.62	YES NO
L0000545	0	0.46730E-06	483948.2	3735296.4	442.4	3.49	4.00	1.62	YES NO
L0000546	0	0.46730E-06	483956.8	3735296.4	442.4	3.49	4.00	1.62	YES NO
L0000547	0	0.46730E-06	483965.4	3735296.4	442.5	3.49	4.00	1.62	YES NO
L0000548	0	0.46730E-06	483973.9	3735296.3	442.6	3.49	4.00	1.62	YES NO
L0000549	0	0.46730E-06	483982.5	3735296.3	442.7	3.49	4.00	1.62	YES NO
L0000550	0	0.46730E-06	483991.1	3735296.3	442.8	3.49	4.00	1.62	YES NO
L0000551	0	0.46730E-06	483999.7	3735296.3	442.9	3.49	4.00	1.62	YES NO
L0000552	0	0.46730E-06	484008.3	3735296.3	443.0	3.49	4.00	1.62	YES NO
L0000553	0	0.46730E-06	484016.9	3735296.2	443.1	3.49	4.00	1.62	YES NO
L0000554	0	0.46730E-06	484025.5	3735296.2	443.2	3.49	4.00	1.62	YES NO
L0000555	0	0.46730E-06	484034.1	3735296.2	443.3	3.49	4.00	1.62	YES NO
L0000556	0	0.46730E-06	484042.7	3735296.2	443.4	3.49	4.00	1.62	YES NO
L0000557	0	0.46730E-06	484051.3	3735296.1	443.4	3.49	4.00	1.62	YES NO
L0000558	0	0.46730E-06	484059.8	3735296.1	443.5	3.49	4.00	1.62	YES NO
L0000559	0	0.46730E-06	484068.4	3735296.1	443.6	3.49	4.00	1.62	YES NO
L0000560	0	0.46730E-06	484077.0	3735296.1	443.7	3.49	4.00	1.62	YES NO
L0000561	0	0.46730E-06	484085.6	3735296.0	443.8	3.49	4.00	1.62	YES NO
L0000562	0	0.55130E-06	482890.4	3735282.4	433.3	3.49	4.00	1.62	YES NO
L0000563	0	0.55130E-06	482890.3	3735273.8	433.4	3.49	4.00	1.62	YES NO
L0000564	0	0.55130E-06	482890.3	3735265.2	433.4	3.49	4.00	1.62	YES NO
L0000565	0	0.55130E-06	482890.3	3735256.6	433.4	3.49	4.00	1.62	YES NO
L0000566	0	0.55130E-06	482890.3	3735248.1	433.4	3.49	4.00	1.62	YES NO
L0000567	0	0.55130E-06	482890.3	3735239.5	433.5	3.49	4.00	1.62	YES NO
L0000568	0	0.55130E-06	482890.2	3735230.9	433.5	3.49	4.00	1.62	YES NO
L0000569	0	0.55130E-06	482890.2	3735222.3	433.5	3.49	4.00	1.62	YES NO
L0000570	0	0.55130E-06	482890.2	3735213.7	433.5	3.49	4.00	1.62	YES NO
L0000571	0	0.55130E-06	482890.2	3735205.1	433.6	3.49	4.00	1.62	YES NO
L0000572	0	0.55130E-06	482890.1	3735196.5	433.6	3.49	4.00	1.62	YES NO

L0000573	0	0.55130E-06	482890.1	3735187.9	433.6	3.49	4.00	1.62	YES	NO
L0000574	0	0.55130E-06	482890.1	3735179.3	433.6	3.49	4.00	1.62	YES	NO
L0000575	0	0.55130E-06	482890.1	3735170.7	433.6	3.49	4.00	1.62	YES	NO
L0000576	0	0.55130E-06	482890.0	3735162.2	433.7	3.49	4.00	1.62	YES	NO
L0000577	0	0.55130E-06	482890.0	3735153.6	433.7	3.49	4.00	1.62	YES	NO
L0000578	0	0.55130E-06	482890.0	3735145.0	433.7	3.49	4.00	1.62	YES	NO
L0000579	0	0.55130E-06	482890.0	3735136.4	433.7	3.49	4.00	1.62	YES	NO
L0000580	0	0.55130E-06	482889.9	3735127.8	433.8	3.49	4.00	1.62	YES	NO
L0000581	0	0.55130E-06	482889.9	3735119.2	433.8	3.49	4.00	1.62	YES	NO
L0000582	0	0.55130E-06	482889.9	3735110.6	433.8	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000583	0	0.55130E-06	482889.9	3735102.0	433.8	3.49	4.00	1.62	YES NO
L0000584	0	0.55130E-06	482889.8	3735093.4	433.9	3.49	4.00	1.62	YES NO
L0000585	0	0.55130E-06	482889.8	3735084.8	433.9	3.49	4.00	1.62	YES NO
L0000586	0	0.55130E-06	482889.8	3735076.3	433.9	3.49	4.00	1.62	YES NO
L0000587	0	0.55130E-06	482889.8	3735067.7	433.9	3.49	4.00	1.62	YES NO
L0000588	0	0.55130E-06	482889.7	3735059.1	433.9	3.49	4.00	1.62	YES NO
L0000589	0	0.55130E-06	482889.7	3735050.5	434.0	3.49	4.00	1.62	YES NO
L0000590	0	0.55130E-06	482889.7	3735041.9	434.0	3.49	4.00	1.62	YES NO
L0000591	0	0.55130E-06	482889.7	3735033.3	434.0	3.49	4.00	1.62	YES NO
L0000592	0	0.55130E-06	482889.6	3735024.7	434.0	3.49	4.00	1.62	YES NO
L0000593	0	0.55130E-06	482889.6	3735016.1	434.1	3.49	4.00	1.62	YES NO
L0000594	0	0.55130E-06	482889.6	3735007.5	434.1	3.49	4.00	1.62	YES NO
L0000595	0	0.55130E-06	482889.6	3734998.9	434.1	3.49	4.00	1.62	YES NO
L0000596	0	0.55130E-06	482889.5	3734990.4	434.1	3.49	4.00	1.62	YES NO
L0000597	0	0.55130E-06	482889.5	3734981.8	434.2	3.49	4.00	1.62	YES NO
L0000598	0	0.55130E-06	482889.5	3734973.2	434.2	3.49	4.00	1.62	YES NO
L0000599	0	0.55130E-06	482889.5	3734964.6	434.2	3.49	4.00	1.62	YES NO
L0000600	0	0.55130E-06	482889.5	3734956.0	434.2	3.49	4.00	1.62	YES NO
L0000601	0	0.55130E-06	482889.4	3734947.4	434.2	3.49	4.00	1.62	YES NO
L0000602	0	0.55130E-06	482889.4	3734938.8	434.3	3.49	4.00	1.62	YES NO
L0000603	0	0.55130E-06	482889.4	3734930.2	434.3	3.49	4.00	1.62	YES NO
L0000604	0	0.55130E-06	482889.4	3734921.6	434.3	3.49	4.00	1.62	YES NO
L0000605	0	0.55130E-06	482889.3	3734913.0	434.3	3.49	4.00	1.62	YES NO
L0000606	0	0.55130E-06	482889.3	3734904.5	434.4	3.49	4.00	1.62	YES NO
L0000607	0	0.55130E-06	482889.3	3734895.9	434.4	3.49	4.00	1.62	YES NO
L0000608	0	0.55130E-06	482889.3	3734887.3	434.4	3.49	4.00	1.62	YES NO
L0000609	0	0.55130E-06	482889.2	3734878.7	434.4	3.49	4.00	1.62	YES NO
L0000610	0	0.55130E-06	482889.2	3734870.1	434.4	3.49	4.00	1.62	YES NO
L0000611	0	0.55130E-06	482889.2	3734861.5	434.5	3.49	4.00	1.62	YES NO
L0000612	0	0.55130E-06	482889.2	3734852.9	434.5	3.49	4.00	1.62	YES NO

L0000613	0	0.55130E-06	482889.1	3734844.3	434.5	3.49	4.00	1.62	YES	NO
L0000614	0	0.55130E-06	482889.1	3734835.7	434.5	3.49	4.00	1.62	YES	NO
L0000615	0	0.55130E-06	482889.1	3734827.1	434.6	3.49	4.00	1.62	YES	NO
L0000616	0	0.55130E-06	482889.1	3734818.6	434.6	3.49	4.00	1.62	YES	NO
L0000617	0	0.55130E-06	482889.0	3734810.0	434.6	3.49	4.00	1.62	YES	NO
L0000618	0	0.55130E-06	482889.0	3734801.4	434.6	3.49	4.00	1.62	YES	NO
L0000619	0	0.55130E-06	482889.0	3734792.8	434.7	3.49	4.00	1.62	YES	NO
L0000620	0	0.55130E-06	482888.6	3734784.2	434.7	3.49	4.00	1.62	YES	NO
L0000621	0	0.55130E-06	482888.0	3734775.7	434.7	3.49	4.00	1.62	YES	NO
L0000622	0	0.55130E-06	482885.5	3734767.5	434.7	3.49	4.00	1.62	YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE		BASE RELEASE		INIT.	INIT.	URBAN EMISSION RATE		AIRCRAFT	
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE SCALAR	VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0000623	0	0.55130E-06	482882.5	3734759.4	434.7	3.49	4.00	1.62	YES NO
L0000624	0	0.55130E-06	482878.8	3734751.7	434.7	3.49	4.00	1.62	YES NO
L0000625	0	0.55130E-06	482874.0	3734744.6	434.7	3.49	4.00	1.62	YES NO
L0000626	0	0.55130E-06	482868.8	3734737.7	434.7	3.49	4.00	1.62	YES NO
L0000627	0	0.55130E-06	482863.7	3734730.8	434.7	3.49	4.00	1.62	YES NO
L0000628	0	0.55130E-06	482858.5	3734724.0	434.6	3.49	4.00	1.62	YES NO
L0000629	0	0.55130E-06	482853.4	3734717.1	434.6	3.49	4.00	1.62	YES NO
L0000630	0	0.55130E-06	482848.2	3734710.2	434.6	3.49	4.00	1.62	YES NO
L0000631	0	0.55130E-06	482843.1	3734703.3	434.6	3.49	4.00	1.62	YES NO
L0000632	0	0.55130E-06	482837.9	3734696.5	434.5	3.49	4.00	1.62	YES NO
L0000633	0	0.55130E-06	482832.8	3734689.6	434.5	3.49	4.00	1.62	YES NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,L0000428 ,L0000429 ,L0000430 ,
L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,L0000436 ,L0000437 ,L0000438 ,
L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,L0000444 ,L0000445 ,L0000446 ,
L0000447 ,L0000448 ,L0000449 ,L0000450 ,L0000451 ,L0000452 ,L0000453 ,L0000454 ,
L0000455 ,L0000456 ,L0000457 ,L0000458 ,L0000459 ,L0000460 ,L0000461 ,L0000462 ,
L0000463 ,L0000464 ,L0000465 ,L0000466 ,L0000467 ,L0000468 ,L0000469 ,L0000470 ,
L0000471 ,L0000472 ,L0000473 ,L0000474 ,L0000475 ,L0000476 ,L0000477 ,L0000478 ,
L0000479 ,L0000480 ,L0000481 ,L0000482 ,L0000483 ,L0000484 ,L0000485 ,L0000486 ,
L0000487 ,L0000488 ,L0000489 ,L0000490 ,L0000491 ,L0000492 ,L0000493 ,L0000494 ,
L0000495 ,L0000496 ,L0000497 ,L0000498 ,L0000499 ,L0000500 ,L0000501 ,L0000502 ,
L0000503 ,L0000504 ,L0000505 ,L0000506 ,L0000507 ,L0000508 ,L0000509 ,L0000510 ,
L0000511 ,L0000512 ,L0000513 ,L0000514 ,L0000515 ,L0000516 ,L0000517 ,L0000518 ,
L0000519 ,L0000520 ,L0000521 ,L0000522 ,L0000523 ,L0000524 ,L0000525 ,L0000526 ,
L0000527 ,L0000528 ,L0000529 ,L0000530 ,L0000531 ,L0000532 ,L0000533 ,L0000534 ,
L0000535 ,L0000536 ,L0000537 ,L0000538 ,L0000539 ,L0000540 ,L0000541 ,L0000542 ,
L0000543 ,L0000544 ,L0000545 ,L0000546 ,L0000547 ,L0000548 ,L0000549 ,L0000550 ,

L0000551 ,L0000552 ,L0000553 ,L0000554 ,L0000555 ,L0000556 ,L0000557 ,L0000558 ,
L0000559 ,L0000560 ,L0000561 ,L0000562 ,L0000563 ,L0000564 ,L0000565 ,L0000566 ,
L0000567 ,L0000568 ,L0000569 ,L0000570 ,L0000571 ,L0000572 ,L0000573 ,L0000574 ,
L0000575 ,L0000576 ,L0000577 ,L0000578 ,L0000579 ,L0000580 ,L0000581 ,L0000582 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0000583 ,L0000584 ,L0000585 ,L0000586 ,L0000587 ,L0000588 ,L0000589 ,L0000590 ,
L0000591 ,L0000592 ,L0000593 ,L0000594 ,L0000595 ,L0000596 ,L0000597 ,L0000598 ,
L0000599 ,L0000600 ,L0000601 ,L0000602 ,L0000603 ,L0000604 ,L0000605 ,L0000606 ,
L0000607 ,L0000608 ,L0000609 ,L0000610 ,L0000611 ,L0000612 ,L0000613 ,L0000614 ,
L0000615 ,L0000616 ,L0000617 ,L0000618 ,L0000619 ,L0000620 ,L0000621 ,L0000622 ,
L0000623 ,L0000624 ,L0000625 ,L0000626 ,L0000627 ,L0000628 ,L0000629 ,L0000630 ,
L0000631 ,L0000632 ,L0000633 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
2492442.	L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,L0000428 ,L0000429 ,L0000430 ,	
	L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,L0000436 ,L0000437 ,L0000438 ,	
	L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,L0000444 ,L0000445 ,L0000446 ,	
	L0000447 ,L0000448 ,L0000449 ,L0000450 ,L0000451 ,L0000452 ,L0000453 ,L0000454 ,	
	L0000455 ,L0000456 ,L0000457 ,L0000458 ,L0000459 ,L0000460 ,L0000461 ,L0000462 ,	
	L0000463 ,L0000464 ,L0000465 ,L0000466 ,L0000467 ,L0000468 ,L0000469 ,L0000470 ,	
	L0000471 ,L0000472 ,L0000473 ,L0000474 ,L0000475 ,L0000476 ,L0000477 ,L0000478 ,	
	L0000479 ,L0000480 ,L0000481 ,L0000482 ,L0000483 ,L0000484 ,L0000485 ,L0000486 ,	
	L0000487 ,L0000488 ,L0000489 ,L0000490 ,L0000491 ,L0000492 ,L0000493 ,L0000494 ,	
	L0000495 ,L0000496 ,L0000497 ,L0000498 ,L0000499 ,L0000500 ,L0000501 ,L0000502 ,	
	L0000503 ,L0000504 ,L0000505 ,L0000506 ,L0000507 ,L0000508 ,L0000509 ,L0000510 ,	
	L0000511 ,L0000512 ,L0000513 ,L0000514 ,L0000515 ,L0000516 ,L0000517 ,L0000518 ,	
	L0000519 ,L0000520 ,L0000521 ,L0000522 ,L0000523 ,L0000524 ,L0000525 ,L0000526 ,	
	L0000527 ,L0000528 ,L0000529 ,L0000530 ,L0000531 ,L0000532 ,L0000533 ,L0000534 ,	
	L0000535 ,L0000536 ,L0000537 ,L0000538 ,L0000539 ,L0000540 ,L0000541 ,L0000542 ,	

L0000543 ,L0000544 ,L0000545 ,L0000546 ,L0000547 ,L0000548 ,L0000549 ,L0000550 ,
L0000551 ,L0000552 ,L0000553 ,L0000554 ,L0000555 ,L0000556 ,L0000557 ,L0000558 ,
L0000559 ,L0000560 ,L0000561 ,L0000562 ,L0000563 ,L0000564 ,L0000565 ,L0000566 ,
L0000567 ,L0000568 ,L0000569 ,L0000570 ,L0000571 ,L0000572 ,L0000573 ,L0000574 ,
L0000575 ,L0000576 ,L0000577 ,L0000578 ,L0000579 ,L0000580 ,L0000581 ,L0000582 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000583	,L0000584	,L0000585 ,L0000586 ,L0000587 ,L0000588 ,L0000589 ,L0000590 ,
L0000591	,L0000592	,L0000593 ,L0000594 ,L0000595 ,L0000596 ,L0000597 ,L0000598 ,
L0000599	,L0000600	,L0000601 ,L0000602 ,L0000603 ,L0000604 ,L0000605 ,L0000606 ,
L0000607	,L0000608	,L0000609 ,L0000610 ,L0000611 ,L0000612 ,L0000613 ,L0000614 ,
L0000615	,L0000616	,L0000617 ,L0000618 ,L0000619 ,L0000620 ,L0000621 ,L0000622 ,
L0000623	,L0000624	,L0000625 ,L0000626 ,L0000627 ,L0000628 ,L0000629 ,L0000630 ,
L0000631	,L0000632	,L0000633 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

482362.6, 482412.6, 482462.6, 482512.6, 482562.6, 482612.6, 482662.6, 482712.6, 482762.6, 482812.6,
482862.6, 482912.6, 482962.6, 483012.6, 483062.6, 483112.6, 483162.6, 483212.6, 483262.6, 483312.6,
483362.6, 483412.6, 483462.6, 483512.6, 483562.6, 483612.6, 483662.6, 483712.6, 483762.6, 483812.6,
483862.6, 483912.6, 483962.6, 484012.6, 484062.6, 484112.6, 484162.6, 484212.6, 484262.6, 484312.6,
484362.6, 484412.6, 484462.6, 484512.6, 484562.6,

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

3734241.2, 3734291.2, 3734341.2, 3734391.2, 3734441.2, 3734491.2, 3734541.2, 3734591.2, 3734641.2, 3734691.2,
3734741.2, 3734791.2, 3734841.2, 3734891.2, 3734941.2, 3734991.2, 3735041.2, 3735091.2, 3735141.2, 3735191.2,
3735241.2, 3735291.2, 3735341.2, 3735391.2, 3735441.2, 3735491.2, 3735541.2, 3735591.2, 3735641.2, 3735691.2,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482362.58	482412.58	482462.58	482512.58	482562.58	482612.58	482662.58	482712.58	482762.58

3735691.22	431.50	431.50	432.50	431.70	432.60	433.80	433.50	433.40	434.20
3735641.22	431.50	431.60	432.50	431.80	432.60	433.80	433.60	434.30	434.90
3735591.22	431.50	431.60	432.60	431.80	432.70	433.80	433.90	434.60	435.00
3735541.22	431.60	431.60	432.70	431.90	432.70	433.80	434.10	434.20	434.70
3735491.22	431.60	431.70	432.80	432.00	432.80	433.80	433.90	433.90	434.40
3735441.22	431.60	431.80	432.90	432.10	433.40	433.60	433.50	433.90	434.30
3735391.22	431.70	432.10	433.00	432.10	433.40	433.50	433.30	433.90	434.20
3735341.22	431.80	432.30	433.20	432.00	432.50	432.80	432.70	433.10	433.40
3735291.22	432.40	432.30	433.80	432.50	432.00	432.30	432.50	432.70	432.90
3735241.22	432.90	432.40	435.00	433.00	432.50	432.80	433.00	433.00	433.20
3735191.22	433.00	432.50	436.40	433.40	432.60	432.80	432.90	432.90	433.10
3735141.22	433.10	432.80	437.70	434.60	432.60	432.70	432.80	432.80	432.90
3735091.22	433.10	433.10	439.10	435.90	433.30	432.80	432.90	433.20	433.50
3735041.22	433.40	433.40	440.20	436.50	434.70	433.00	433.00	433.50	434.20
3734991.22	433.20	433.50	441.00	437.60	433.80	433.80	433.30	433.70	434.00
3734941.22	433.00	433.40	437.70	435.40	433.10	433.60	433.50	433.60	433.80
3734891.22	433.00	433.10	435.50	434.10	433.70	433.60	433.70	433.60	433.80
3734841.22	433.70	433.40	441.00	434.90	434.10	433.90	434.10	433.80	433.90
3734791.22	433.80	433.20	441.00	435.60	434.20	434.00	434.40	433.90	434.00
3734741.22	433.70	433.30	440.30	435.30	434.80	433.90	433.90	434.20	434.10
3734691.22	433.80	433.30	439.30	435.80	435.00	434.10	434.00	434.10	434.30
3734641.22	433.70	433.30	438.10	435.50	435.00	434.30	434.60	434.60	434.50
3734591.22	433.50	433.40	436.70	434.90	434.60	434.50	435.10	435.10	434.70
3734541.22	433.50	433.50	435.60	434.00	434.40	434.60	435.00	435.10	434.70
3734491.22	433.40	433.70	434.80	433.80	433.90	434.20	434.40	434.60	434.60
3734441.22	433.40	433.80	434.40	433.90	434.00	434.30	434.60	434.60	435.00
3734391.22	433.40	433.90	434.30	434.00	434.10	434.40	434.60	434.50	434.80
3734341.22	433.50	434.20	434.50	434.10	434.30	434.60	434.80	434.40	434.50
3734291.22	433.50	434.30	434.60	434.50	434.80	435.00	435.20	434.50	434.60
3734241.22	434.00	434.30	434.60	435.00	435.50	435.60	435.50	434.80	434.90

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482812.58	482862.58	482912.58	482962.58	483012.58	483062.58	483112.58	483162.58	483212.58

3735691.22	434.30	434.60	434.90	434.80	434.90	435.00	435.60	435.40	435.40
3735641.22	435.00	435.00	434.80	435.00	434.90	435.10	435.60	436.10	435.60
3735591.22	435.00	435.00	435.00	434.80	435.20	435.60	436.40	437.10	436.60
3735541.22	434.70	434.60	434.60	434.60	435.50	435.70	436.70	437.30	437.00
3735491.22	434.70	434.50	434.30	434.50	435.00	435.10	436.60	436.80	435.20
3735441.22	434.60	434.40	434.10	434.10	434.70	435.10	436.50	435.60	435.10
3735391.22	434.10	434.10	433.90	434.10	434.80	435.10	435.40	435.20	434.80
3735341.22	433.50	433.70	433.80	434.30	434.60	434.90	434.80	435.10	434.80
3735291.22	433.20	433.40	433.50	433.90	434.20	434.30	434.50	434.80	435.00
3735241.22	433.80	433.80	433.90	434.40	434.30	434.30	434.50	434.80	435.10
3735191.22	433.60	433.80	433.90	434.20	434.30	434.40	434.60	435.00	435.30
3735141.22	433.20	433.60	434.00	434.30	434.50	434.70	434.80	435.20	435.60
3735091.22	433.70	434.00	434.10	434.30	434.50	434.70	435.00	435.50	435.90
3735041.22	434.50	434.40	434.20	434.40	434.60	434.90	435.10	435.60	436.00
3734991.22	434.20	434.20	434.40	434.60	434.80	435.10	435.30	435.70	436.10
3734941.22	434.00	434.20	434.60	435.00	435.00	435.20	435.40	435.90	436.30
3734891.22	434.10	434.40	434.60	434.80	435.10	435.40	435.60	435.90	436.50
3734841.22	434.10	434.40	434.90	435.00	435.30	435.80	435.80	435.80	436.60
3734791.22	434.10	434.40	434.80	434.90	435.10	435.40	435.70	435.90	436.50
3734741.22	434.30	434.60	435.10	435.10	435.10	435.30	435.50	435.90	436.40
3734691.22	434.40	435.00	435.60	435.20	435.30	435.50	435.70	436.20	436.40
3734641.22	434.50	435.00	435.70	435.40	435.40	435.60	435.80	436.20	436.50
3734591.22	434.50	434.70	435.10	435.10	435.30	435.60	435.90	436.10	436.50
3734541.22	434.70	434.80	435.10	435.20	435.30	435.60	435.70	436.00	436.40
3734491.22	434.70	434.80	435.10	435.30	435.40	435.60	435.80	436.10	436.40
3734441.22	435.00	434.90	435.20	435.30	435.60	435.80	436.00	436.20	436.50
3734391.22	435.10	434.90	435.00	434.20	434.90	435.70	436.00	436.20	436.60
3734341.22	435.20	434.90	434.80	428.00	428.00	433.90	435.90	436.20	436.60
3734291.22	435.00	435.00	434.10	425.10	422.10	423.50	427.70	435.20	436.70
3734241.22	435.20	435.20	432.60	426.40	423.70	424.30	424.90	433.10	436.70

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc
*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483262.58	483312.58	483362.58	483412.58	483462.58	483512.58	483562.58	483612.58	483662.58

3735691.22	435.70	435.90	436.80	436.80	436.80	437.20	437.40	437.70	437.90
3735641.22	435.40	436.60	437.10	436.90	436.80	437.10	437.40	437.60	437.80
3735591.22	436.00	436.90	437.40	437.20	437.10	437.50	437.70	437.90	438.10
3735541.22	436.60	437.20	437.60	437.50	437.60	438.00	438.20	438.40	438.40
3735491.22	436.20	437.10	437.80	438.00	438.30	438.60	438.90	439.10	438.60
3735441.22	435.80	436.70	437.30	437.50	437.80	438.20	438.40	438.80	438.60
3735391.22	435.30	435.90	436.10	436.40	436.70	437.40	437.50	438.00	438.60
3735341.22	435.40	435.90	436.10	436.50	436.80	437.50	437.60	438.10	438.70
3735291.22	435.40	435.80	436.20	436.50	436.90	437.30	437.70	438.20	438.70
3735241.22	435.40	436.00	436.30	436.50	437.00	437.40	437.80	438.30	438.80
3735191.22	435.60	436.30	436.30	436.70	437.10	437.30	437.80	438.30	438.80
3735141.22	435.90	436.30	436.50	436.80	437.10	437.50	437.90	438.20	438.70
3735091.22	436.30	436.50	436.70	436.90	437.20	437.60	438.00	438.20	438.70
3735041.22	436.50	436.80	436.90	437.20	437.50	437.80	438.10	438.40	438.80
3734991.22	436.50	437.00	437.10	437.40	437.70	438.00	438.30	438.60	438.90
3734941.22	436.80	437.20	437.50	437.70	437.90	438.10	438.40	438.70	439.00
3734891.22	437.00	437.30	437.60	438.00	438.20	438.40	438.70	439.00	439.30
3734841.22	437.20	437.30	437.40	438.00	438.40	438.70	439.00	439.30	439.60
3734791.22	437.10	437.30	437.40	437.90	438.30	438.70	439.10	439.50	439.90
3734741.22	436.80	437.10	437.40	437.80	438.30	438.70	439.10	439.50	440.00
3734691.22	436.80	437.40	437.60	438.00	438.50	438.80	439.20	439.60	440.10
3734641.22	436.90	437.50	437.60	438.00	438.40	439.00	439.40	440.00	440.30
3734591.22	436.90	437.30	437.60	438.00	438.50	438.90	439.50	439.80	440.20
3734541.22	436.90	437.30	437.50	438.00	438.50	439.10	439.60	440.00	440.30
3734491.22	436.90	437.50	437.80	438.10	438.50	439.00	439.50	439.90	440.30
3734441.22	436.90	437.20	437.50	438.00	438.50	439.10	439.60	440.00	440.20
3734391.22	436.90	437.30	437.60	437.90	438.40	439.00	439.50	439.80	439.80
3734341.22	437.00	437.40	437.70	438.00	438.40	438.90	439.40	439.50	439.50
3734291.22	437.10	437.60	437.80	438.20	438.60	438.90	439.20	439.10	439.10
3734241.22	437.10	437.40	437.60	438.20	438.30	438.60	438.80	438.80	438.90

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483712.58	483762.58	483812.58	483862.58	483912.58	483962.58	484012.58	484062.58	484112.58

3735691.22	438.30	438.70	439.10	439.30	439.80	440.30	440.90	441.40	442.10
3735641.22	438.60	439.50	439.90	439.70	440.10	440.50	441.10	441.60	442.30
3735591.22	438.80	439.70	440.10	440.10	440.50	440.90	441.40	441.90	442.60
3735541.22	439.10	439.60	440.00	440.40	440.90	441.40	441.80	442.20	442.80
3735491.22	439.20	439.80	440.30	440.80	441.30	441.80	442.20	442.70	443.20
3735441.22	439.10	439.60	440.20	440.90	441.60	442.10	442.60	443.10	443.60
3735391.22	439.20	439.60	440.20	440.90	441.60	442.30	442.90	443.40	444.00
3735341.22	439.50	439.90	440.40	441.00	441.60	442.20	442.90	443.50	444.20
3735291.22	439.40	440.00	440.60	441.10	441.70	442.20	442.80	443.40	444.20
3735241.22	439.40	439.90	440.50	441.10	441.70	442.30	442.80	443.40	444.30
3735191.22	439.40	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.30
3735141.22	439.30	440.00	440.70	441.40	442.00	442.50	443.00	443.50	444.40
3735091.22	439.30	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.40
3735041.22	439.30	439.90	440.50	441.10	441.70	442.30	442.80	443.30	444.20
3734991.22	439.40	439.90	440.40	441.00	441.50	442.00	442.50	443.00	444.10
3734941.22	439.50	439.80	440.30	440.90	441.40	441.80	442.60	443.50	444.30
3734891.22	439.70	440.00	440.50	441.00	441.60	442.10	442.70	443.50	444.20
3734841.22	439.80	440.30	440.70	441.20	441.60	442.30	442.90	443.20	444.00
3734791.22	440.10	440.40	440.70	441.30	441.60	442.30	442.80	443.20	443.80
3734741.22	440.40	440.70	441.10	441.50	441.90	442.30	442.70	443.10	443.90
3734691.22	440.60	441.00	441.40	441.80	442.30	442.70	443.00	443.40	444.00
3734641.22	440.70	441.10	441.50	441.90	442.30	442.80	443.10	443.40	443.90
3734591.22	440.60	440.90	441.40	441.80	442.20	442.60	442.90	443.20	443.90
3734541.22	440.70	441.00	441.30	441.70	442.00	442.30	442.70	443.00	443.70
3734491.22	440.60	440.90	441.10	441.40	441.80	442.30	442.60	443.00	443.70
3734441.22	440.30	440.60	440.90	441.30	441.70	442.10	442.60	443.10	443.50
3734391.22	440.10	440.40	440.70	441.10	441.50	441.80	442.40	442.90	443.30
3734341.22	439.80	440.20	440.60	441.00	441.30	441.80	442.20	442.70	443.10
3734291.22	439.40	439.90	440.30	440.70	441.00	441.40	441.80	442.20	442.70
3734241.22	439.20	439.50	439.90	440.30	440.60	441.10	441.50	442.00	442.50

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc
*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	484162.58	484212.58	484262.58	484312.58	484362.58	484412.58	484462.58	484512.58	484562.58

3735691.22	442.50	442.90	443.20	443.50	443.70	444.00	444.40	445.30	446.00
3735641.22	442.90	443.30	443.60	443.90	444.10	444.30	444.70	445.50	446.00
3735591.22	443.10	443.50	443.90	444.20	444.50	444.80	445.10	445.50	445.80
3735541.22	443.40	443.90	444.20	444.60	444.90	445.20	445.70	446.40	447.30
3735491.22	443.80	444.20	444.60	444.90	445.20	445.60	446.10	446.90	448.20
3735441.22	444.20	444.60	445.00	445.30	445.70	446.00	446.50	447.20	448.40
3735391.22	444.60	445.00	445.40	445.70	446.10	446.40	446.80	447.30	448.00
3735341.22	444.80	445.30	445.80	446.20	446.60	447.00	447.40	447.90	448.70
3735291.22	444.70	445.40	446.00	446.70	447.20	447.60	448.00	448.70	449.50
3735241.22	444.70	445.30	446.00	446.70	447.30	447.80	448.40	449.00	449.50
3735191.22	444.80	445.30	446.00	446.60	447.40	447.90	448.40	449.00	449.50
3735141.22	444.80	445.40	446.00	446.70	447.30	447.80	448.40	449.00	449.60
3735091.22	444.90	445.50	446.00	446.70	447.20	447.70	448.40	449.00	449.60
3735041.22	444.80	445.40	446.10	446.60	447.10	447.70	448.20	448.90	449.50
3734991.22	444.80	445.50	446.00	446.30	446.80	447.30	448.00	448.70	449.30
3734941.22	444.70	445.20	445.50	445.90	446.40	447.00	447.80	448.60	449.30
3734891.22	444.50	444.70	445.00	445.60	446.20	446.80	447.60	448.50	449.30
3734841.22	444.10	444.20	444.60	445.30	446.10	446.80	447.60	448.50	449.20
3734791.22	444.10	444.30	444.70	445.30	445.90	446.60	447.30	448.20	448.90
3734741.22	444.20	444.60	444.90	445.30	445.80	446.40	447.10	447.90	448.70
3734691.22	444.30	444.60	445.00	445.50	445.90	446.40	446.90	447.70	448.40
3734641.22	444.20	444.50	445.10	445.70	446.30	446.80	447.20	447.70	448.20
3734591.22	444.10	444.60	445.30	445.90	446.60	447.10	447.60	447.90	448.30
3734541.22	444.10	444.60	445.20	445.70	446.40	446.90	447.40	447.90	448.40
3734491.22	444.20	444.70	445.30	445.90	446.20	446.70	447.30	447.80	448.30
3734441.22	444.00	444.50	445.00	446.10	446.20	446.60	446.90	447.20	447.60
3734391.22	443.70	444.10	444.60	445.90	446.10	446.40	446.70	447.00	447.30
3734341.22	443.40	443.80	444.30	445.70	445.80	446.10	446.40	446.60	447.00
3734291.22	443.10	443.50	443.90	445.50	445.60	446.10	446.30	446.50	446.80
3734241.22	442.80	443.20	443.70	445.10	445.10	445.50	445.80	446.10	446.60

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc
*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482362.58	482412.58	482462.58	482512.58	482562.58	482612.58	482662.58	482712.58	482762.58

3735691.22	431.50	431.50	432.50	431.70	432.60	433.80	433.50	433.40	434.20
3735641.22	431.50	431.60	432.50	431.80	432.60	433.80	433.60	434.30	434.90
3735591.22	431.50	431.60	432.60	431.80	432.70	433.80	433.90	434.60	435.00
3735541.22	431.60	431.60	432.70	431.90	432.70	433.80	434.10	434.20	434.70
3735491.22	431.60	431.70	432.80	432.00	432.80	433.80	433.90	433.90	434.40
3735441.22	431.60	431.80	432.90	432.10	433.40	433.60	433.50	433.90	434.30
3735391.22	431.70	432.10	433.00	432.10	433.40	433.50	433.30	433.90	434.20
3735341.22	431.80	432.30	433.20	432.00	432.50	432.80	432.70	433.10	433.40
3735291.22	432.40	432.30	433.80	432.50	432.00	432.30	432.50	432.70	432.90
3735241.22	432.90	432.40	435.00	433.00	432.50	432.80	433.00	433.00	433.20
3735191.22	433.00	432.50	436.40	433.40	432.60	432.80	432.90	432.90	433.10
3735141.22	433.10	436.00	437.70	436.80	432.60	432.70	432.80	432.80	432.90
3735091.22	433.10	440.50	439.10	435.90	433.30	432.80	432.90	433.20	433.50
3735041.22	433.40	441.60	440.20	436.50	434.70	433.00	433.00	433.50	434.20
3734991.22	433.20	441.60	441.60	440.30	433.80	433.80	433.30	433.70	434.00
3734941.22	433.00	441.60	441.40	441.40	440.40	433.60	433.50	433.60	433.80
3734891.22	433.00	442.20	442.20	442.20	433.70	433.60	433.70	433.60	433.80
3734841.22	433.70	442.20	442.20	442.20	434.10	433.90	434.10	433.80	433.90
3734791.22	433.80	442.20	441.00	442.20	434.20	434.00	434.40	433.90	434.00
3734741.22	433.70	442.00	441.10	441.60	434.80	433.90	433.90	434.20	434.10
3734691.22	433.80	441.10	439.30	435.80	435.00	434.10	434.00	434.10	434.30
3734641.22	433.70	439.00	438.10	435.50	435.00	434.30	434.60	434.60	434.50
3734591.22	433.50	433.40	436.70	434.90	434.60	434.50	435.10	435.10	434.70
3734541.22	433.50	433.50	435.60	434.00	434.40	434.60	435.00	435.10	434.70
3734491.22	433.40	433.70	434.80	433.80	433.90	434.20	434.40	434.60	434.60
3734441.22	433.40	433.80	434.40	433.90	434.00	434.30	434.60	434.60	435.00
3734391.22	433.40	433.90	434.30	434.00	434.10	434.40	434.60	434.50	434.80
3734341.22	433.50	434.20	434.50	434.10	434.30	434.60	434.80	434.40	434.50
3734291.22	433.50	434.30	434.60	434.50	434.80	435.00	435.20	434.50	434.60
3734241.22	434.00	434.30	434.60	435.00	435.50	435.60	435.50	434.80	434.90

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc
*** AERMET - VERSION 22112 *** **

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	482812.58	482862.58	482912.58	482962.58	483012.58	483062.58	483112.58	483162.58	483212.58

3735691.22	434.30	434.60	434.90	434.80	434.90	435.00	435.60	435.40	435.40
3735641.22	435.00	435.00	434.80	435.00	434.90	435.10	435.60	436.10	435.60
3735591.22	435.00	435.00	435.00	434.80	435.20	435.60	436.40	437.10	436.60
3735541.22	434.70	434.60	434.60	434.60	435.50	435.70	436.70	437.30	437.00
3735491.22	434.70	434.50	434.30	434.50	435.00	435.10	436.60	436.80	435.20
3735441.22	434.60	434.40	434.10	434.10	434.70	435.10	436.50	435.60	435.10
3735391.22	434.10	434.10	433.90	434.10	434.80	435.10	435.40	435.20	434.80
3735341.22	433.50	433.70	433.80	434.30	434.60	434.90	434.80	435.10	434.80
3735291.22	433.20	433.40	433.50	433.90	434.20	434.30	434.50	434.80	435.00
3735241.22	433.80	433.80	433.90	434.40	434.30	434.30	434.50	434.80	435.10
3735191.22	433.60	433.80	433.90	434.20	434.30	434.40	434.60	435.00	435.30
3735141.22	433.20	433.60	434.00	434.30	434.50	434.70	434.80	435.20	435.60
3735091.22	433.70	434.00	434.10	434.30	434.50	434.70	435.00	435.50	435.90
3735041.22	434.50	434.40	434.20	434.40	434.60	434.90	435.10	435.60	436.00
3734991.22	434.20	434.20	434.40	434.60	434.80	435.10	435.30	435.70	436.10
3734941.22	434.00	434.20	434.60	435.00	435.00	435.20	435.40	435.90	436.30
3734891.22	434.10	434.40	434.60	434.80	435.10	435.40	435.60	435.90	436.50
3734841.22	434.10	434.40	434.90	435.00	435.30	435.80	435.80	435.80	436.60
3734791.22	434.10	434.40	434.80	434.90	435.10	435.40	435.70	435.90	436.50
3734741.22	434.30	434.60	435.10	435.10	435.10	435.30	435.50	435.90	436.40
3734691.22	434.40	435.00	435.60	435.20	435.30	435.50	435.70	436.20	436.40
3734641.22	434.50	435.00	435.70	435.40	435.40	435.60	435.80	436.20	436.50
3734591.22	434.50	434.70	435.10	435.10	435.30	435.60	435.90	436.10	436.50
3734541.22	434.70	434.80	435.10	435.20	435.30	435.60	435.70	436.00	436.40
3734491.22	434.70	434.80	435.10	435.30	435.40	435.60	435.80	436.10	436.40
3734441.22	435.00	434.90	435.20	435.30	435.60	435.80	436.00	436.20	436.50
3734391.22	435.10	434.90	435.00	434.20	434.90	435.70	436.00	436.20	436.60
3734341.22	435.20	434.90	434.80	435.60	435.70	433.90	435.90	436.20	436.60
3734291.22	435.00	435.00	435.30	435.60	436.10	436.30	436.30	435.20	436.70
3734241.22	435.20	435.20	434.70	435.30	435.30	436.10	436.90	436.60	436.70

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc *** 07/15/26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483262.58	483312.58	483362.58	483412.58	483462.58	483512.58	483562.58	483612.58	483662.58

3735691.22	435.70	435.90	436.80	436.80	436.80	437.20	437.40	437.70	437.90
3735641.22	435.40	436.60	437.10	436.90	436.80	437.10	437.40	437.60	437.80
3735591.22	436.00	436.90	437.40	437.20	437.10	437.50	437.70	437.90	438.10
3735541.22	436.60	437.20	437.60	437.50	437.60	438.00	438.20	438.40	438.40
3735491.22	436.20	437.10	437.80	438.00	438.30	438.60	438.90	439.10	438.60
3735441.22	435.80	436.70	437.30	437.50	437.80	438.20	438.40	438.80	438.60
3735391.22	435.30	435.90	436.10	436.40	436.70	437.40	437.50	438.00	438.60
3735341.22	435.40	435.90	436.10	436.50	436.80	437.50	437.60	438.10	438.70
3735291.22	435.40	435.80	436.20	436.50	436.90	437.30	437.70	438.20	438.70
3735241.22	435.40	436.00	436.30	436.50	437.00	437.40	437.80	438.30	438.80
3735191.22	435.60	436.30	436.30	436.70	437.10	437.30	437.80	438.30	438.80
3735141.22	435.90	436.30	436.50	436.80	437.10	437.50	437.90	438.20	438.70
3735091.22	436.30	436.50	436.70	436.90	437.20	437.60	438.00	438.20	438.70
3735041.22	436.50	436.80	436.90	437.20	437.50	437.80	438.10	438.40	438.80
3734991.22	436.50	437.00	437.10	437.40	437.70	438.00	438.30	438.60	438.90
3734941.22	436.80	437.20	437.50	437.70	437.90	438.10	438.40	438.70	439.00
3734891.22	437.00	437.30	437.60	438.00	438.20	438.40	438.70	439.00	439.30
3734841.22	437.20	437.30	437.40	438.00	438.40	438.70	439.00	439.30	439.60
3734791.22	437.10	437.30	437.40	437.90	438.30	438.70	439.10	439.50	439.90
3734741.22	436.80	437.10	437.40	437.80	438.30	438.70	439.10	439.50	440.00
3734691.22	436.80	437.40	437.60	438.00	438.50	438.80	439.20	439.60	440.10
3734641.22	436.90	437.50	437.60	438.00	438.40	439.00	439.40	440.00	440.30
3734591.22	436.90	437.30	437.60	438.00	438.50	438.90	439.50	439.80	440.20
3734541.22	436.90	437.30	437.50	438.00	438.50	439.10	439.60	440.00	440.30
3734491.22	436.90	437.50	437.80	438.10	438.50	439.00	439.50	439.90	440.30
3734441.22	436.90	437.20	437.50	438.00	438.50	439.10	439.60	440.00	440.20
3734391.22	436.90	437.30	437.60	437.90	438.40	439.00	439.50	439.80	439.80
3734341.22	437.00	437.40	437.70	438.00	438.40	438.90	439.40	439.50	439.50
3734291.22	437.10	437.60	437.80	438.20	438.60	438.90	439.20	439.10	439.10
3734241.22	437.10	437.40	437.60	438.20	438.30	438.60	438.80	438.80	438.90

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	483712.58	483762.58	483812.58	483862.58	483912.58	483962.58	484012.58	484062.58	484112.58

3735691.22	438.30	438.70	439.10	439.30	439.80	440.30	440.90	441.40	541.80
3735641.22	438.60	439.50	439.90	439.70	440.10	440.50	441.10	441.60	541.80
3735591.22	438.80	439.70	440.10	440.10	440.50	440.90	441.40	441.90	442.60
3735541.22	439.10	439.60	440.00	440.40	440.90	441.40	441.80	442.20	442.80
3735491.22	439.20	439.80	440.30	440.80	441.30	441.80	442.20	442.70	443.20
3735441.22	439.10	439.60	440.20	440.90	441.60	442.10	442.60	443.10	443.60
3735391.22	439.20	439.60	440.20	440.90	441.60	442.30	442.90	443.40	444.00
3735341.22	439.50	439.90	440.40	441.00	441.60	442.20	442.90	443.50	444.20
3735291.22	439.40	440.00	440.60	441.10	441.70	442.20	442.80	443.40	444.20
3735241.22	439.40	439.90	440.50	441.10	441.70	442.30	442.80	443.40	444.30
3735191.22	439.40	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.30
3735141.22	439.30	440.00	440.70	441.40	442.00	442.50	443.00	443.50	444.40
3735091.22	439.30	440.00	440.60	441.30	441.80	442.40	443.00	443.50	444.40
3735041.22	439.30	439.90	440.50	441.10	441.70	442.30	442.80	443.30	444.20
3734991.22	439.40	439.90	440.40	441.00	441.50	442.00	442.50	443.00	444.10
3734941.22	439.50	439.80	440.30	440.90	441.40	441.80	442.60	443.50	444.30
3734891.22	439.70	440.00	440.50	441.00	441.60	442.10	442.70	443.50	444.20
3734841.22	439.80	440.30	440.70	441.20	441.60	442.30	442.90	443.20	444.00
3734791.22	440.10	440.40	440.70	441.30	441.60	442.30	442.80	443.20	443.80
3734741.22	440.40	440.70	441.10	441.50	441.90	442.30	442.70	443.10	443.90
3734691.22	440.60	441.00	441.40	441.80	442.30	442.70	443.00	443.40	444.00
3734641.22	440.70	441.10	441.50	441.90	442.30	442.80	443.10	443.40	443.90
3734591.22	440.60	440.90	441.40	441.80	442.20	442.60	442.90	443.20	443.90
3734541.22	440.70	441.00	441.30	441.70	442.00	442.30	442.70	443.00	443.70
3734491.22	440.60	440.90	441.10	441.40	441.80	442.30	442.60	443.00	443.70
3734441.22	440.30	440.60	440.90	441.30	441.70	442.10	442.60	443.10	443.50
3734391.22	440.10	440.40	440.70	441.10	441.50	441.80	442.40	442.90	443.30
3734341.22	439.80	440.20	440.60	441.00	441.30	441.80	442.20	442.70	443.10
3734291.22	439.40	439.90	440.30	440.70	441.00	441.40	441.80	442.20	442.70
3734241.22	439.20	439.50	439.90	440.30	440.60	441.10	441.50	442.00	442.50

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	484162.58	484212.58	484262.58	484312.58	484362.58	484412.58	484462.58	484512.58	484562.58

3735691.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735641.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735591.22	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735541.22	443.40	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735491.22	443.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735441.22	444.20	444.60	541.80	541.80	541.80	541.80	541.80	541.80	541.80
3735391.22	444.60	445.00	445.40	541.80	541.80	541.80	541.80	541.80	541.80
3735341.22	444.80	445.30	445.80	446.20	446.60	541.80	541.80	541.80	541.80
3735291.22	444.70	445.40	446.00	446.70	447.20	447.60	541.80	541.80	541.80
3735241.22	444.70	445.30	446.00	446.70	447.30	447.80	448.40	449.00	541.80
3735191.22	444.80	445.30	446.00	446.60	447.40	447.90	448.40	449.00	449.50
3735141.22	444.80	445.40	446.00	446.70	447.30	447.80	448.40	449.00	449.60
3735091.22	444.90	445.50	446.00	446.70	447.20	447.70	448.40	449.00	449.60
3735041.22	444.80	445.40	446.10	446.60	447.10	447.70	448.20	448.90	449.50
3734991.22	444.80	445.50	446.00	446.30	446.80	447.30	448.00	448.70	449.30
3734941.22	444.70	445.20	445.50	445.90	446.40	447.00	447.80	448.60	449.30
3734891.22	444.50	444.70	445.00	445.60	446.20	446.80	447.60	448.50	449.30
3734841.22	444.10	444.20	444.60	445.30	446.10	446.80	447.60	448.50	449.20
3734791.22	444.10	444.30	444.70	445.30	445.90	446.60	447.30	448.20	448.90
3734741.22	444.20	444.60	444.90	445.30	445.80	446.40	447.10	447.90	448.70
3734691.22	444.30	444.60	445.00	445.50	445.90	446.40	446.90	447.70	448.40
3734641.22	444.20	444.50	445.10	445.70	446.30	446.80	447.20	447.70	448.20
3734591.22	444.10	444.60	445.30	445.90	446.60	447.10	447.60	447.90	448.30
3734541.22	444.10	444.60	445.20	445.70	446.40	446.90	447.40	447.90	448.40
3734491.22	444.20	444.70	445.30	445.90	446.20	446.70	447.30	447.80	448.30
3734441.22	444.00	444.50	445.00	446.10	446.20	446.60	446.90	447.20	447.60
3734391.22	443.70	444.10	444.60	445.90	446.10	446.40	446.70	447.00	447.30
3734341.22	443.40	443.80	444.30	445.70	445.80	446.10	446.40	446.60	447.00
3734291.22	443.10	443.50	443.90	445.50	445.60	446.10	446.30	446.50	446.80
3734241.22	442.80	443.20	443.70	445.10	445.10	445.50	445.80	446.10	446.60

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(483079.6, 3735332.7, 434.7, 434.7, 0.0);	(483147.6, 3735319.4, 434.9, 434.9, 0.0);
(483217.0, 3735382.9, 434.8, 434.8, 0.0);	(483388.6, 3735310.4, 436.3, 436.3, 0.0);
(483389.0, 3735285.7, 436.3, 436.3, 0.0);	(483526.3, 3735308.9, 437.5, 437.5, 0.0);
(483527.1, 3735288.2, 437.5, 437.5, 0.0);	(483653.5, 3735310.4, 438.6, 438.6, 0.0);
(483805.0, 3735316.5, 440.5, 440.5, 0.0);	(483985.9, 3735318.4, 442.5, 442.5, 0.0);
(484107.6, 3735241.2, 444.2, 444.2, 0.0);	(484101.2, 3735174.3, 444.1, 444.1, 0.0);
(482903.5, 3735168.5, 433.9, 433.9, 0.0);	(482873.8, 3735044.4, 434.2, 434.2, 0.0);
(482875.0, 3734943.0, 434.3, 434.3, 0.0);	(482904.7, 3734946.5, 434.5, 434.5, 0.0);
(482947.3, 3734851.5, 434.9, 434.9, 0.0);	(482849.3, 3734735.5, 434.5, 434.5, 0.0);
(482863.9, 3734708.1, 434.9, 434.9, 0.0);	(482791.2, 3734649.6, 434.5, 434.5, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID	-- RECEPTOR LOCATION -- XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000424	482912.6 3735291.2	0.33
L0000425	482912.6 3735291.2	-5.72
L0000426	482912.6 3735291.2	0.59
L0000430	482962.6 3735291.2	-0.88
L0000431	482962.6 3735291.2	-4.78
L0000436	483012.6 3735291.2	-1.91
L0000437	483012.6 3735291.2	-3.47
L0000442	483062.6 3735291.2	-2.66
L0000443	483062.6 3735291.2	-2.02
L0000448	483112.6 3735291.2	-3.01
L0000449	483112.6 3735291.2	-0.49
L0000454	483162.6 3735291.2	-2.90
L0000460	483212.6 3735291.2	-2.34
L0000465	483262.6 3735291.2	0.61
L0000466	483262.6 3735291.2	-1.44
L0000471	483312.6 3735291.2	-1.59
L0000477	483362.6 3735291.2	-1.58
L0000482	483412.6 3735291.2	0.15
L0000483	483412.6 3735291.2	-1.24
L0000488	483462.6 3735291.2	-0.87
L0000489	483462.6 3735291.2	-0.61
L0000494	483512.6 3735291.2	-1.69
L0000495	483512.6 3735291.2	0.25
L0000496	483527.1 3735288.2	0.82
L0000500	483562.6 3735291.2	-2.23
L0000506	483612.6 3735291.2	-2.42
L0000511	483662.6 3735291.2	0.24
L0000512	483662.6 3735291.2	-2.23
L0000517	483712.6 3735291.2	-0.92
L0000518	483712.6 3735291.2	-1.69

L0000523	483762.6	3735291.2	-1.94
L0000524	483762.6	3735291.2	-0.87
L0000529	483812.6	3735291.2	-2.71
L0000530	483812.6	3735291.2	0.15
L0000535	483862.6	3735291.2	-3.14
L0000540	483912.6	3735291.2	0.48
L0000541	483912.6	3735291.2	-3.16
L0000546	483962.6	3735291.2	-0.81
L0000547	483962.6	3735291.2	-2.75
L0000552	484012.6	3735291.2	-2.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

L0000553	484012.6	3735291.2	-1.99
L0000558	484062.6	3735291.2	-3.00
L0000559	484062.6	3735291.2	-0.99
L0000626	482862.6	3734741.2	-1.46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
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1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 111111

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.sfc Met Version: 22112
Profile file: O:\3000-3999\33372601\33372601_AERMOD\Met Data\PERI_V11_trimmed.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

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

16 01 01 1 01 -21.3 0.220 -9.000 -9.000 -999. 248. 53.3 0.06 0.53 1.00 3.11 342. 11.6 279.8 5.4
16 01 01 1 02 -23.0 0.238 -9.000 -9.000 -999. 278. 62.2 0.06 0.53 1.00 3.35 343. 11.6 279.6 5.4
16 01 01 1 03 -19.6 0.202 -9.000 -9.000 -999. 218. 44.9 0.06 0.53 1.00 2.87 342. 11.6 279.1 5.4
16 01 01 1 04 -15.2 0.175 -9.000 -9.000 -999. 176. 33.8 0.06 0.53 1.00 2.51 340. 11.6 278.7 5.4
16 01 01 1 05 -4.4 0.093 -9.000 -9.000 -999. 70. 15.7 0.06 0.53 1.00 1.36 335. 11.6 277.5 5.4
16 01 01 1 06 -13.9 0.167 -9.000 -9.000 -999. 164. 30.7 0.06 0.53 1.00 2.41 337. 11.6 278.0 5.4
16 01 01 1 07 -7.6 0.122 -9.000 -9.000 -999. 102. 20.5 0.06 0.53 1.00 1.80 356. 11.6 277.3 5.4
16 01 01 1 08 -25.5 0.388 -9.000 -9.000 -999. 579. 197.5 0.09 0.53 0.53 4.73 74. 10.1 274.3 5.4
16 01 01 1 09 22.4 0.406 0.330 0.005 55. 621. -258.7 0.09 0.53 0.32 4.70 79. 10.1 277.2 5.4
16 01 01 1 10 55.5 0.399 0.599 0.005 134. 605. -99.0 0.09 0.53 0.25 4.46 85. 10.1 283.0 5.4
16 01 01 1 11 78.4 0.108 0.975 0.005 409. 229. -1.4 0.06 0.53 0.22 0.82 331. 11.6 286.7 5.4
16 01 01 1 12 85.7 0.137 1.097 0.005 532. 123. -2.6 0.04 0.53 0.21 1.30 34. 11.6 288.6 5.4
16 01 01 1 13 85.3 0.107 1.147 0.005 611. 84. -1.2 0.04 0.53 0.21 0.89 48. 11.6 290.2 5.4
16 01 01 1 14 61.6 0.118 1.057 0.005 662. 97. -2.3 0.06 0.53 0.22 0.96 9. 11.6 290.5 5.4
16 01 01 1 15 45.7 0.115 1.038 0.005 844. 93. -2.9 0.06 0.53 0.26 0.99 352. 11.6 290.7 5.4
16 01 01 1 16 14.9 0.098 0.732 0.005 908. 73. -5.4 0.04 0.53 0.35 1.03 41. 11.6 289.9 5.4
16 01 01 1 17 -13.7 0.171 -9.000 -9.000 -999. 169. 32.1 0.04 0.53 0.63 2.63 59. 11.6 287.2 5.4
16 01 01 1 18 -17.5 0.186 -9.000 -9.000 -999. 193. 38.2 0.04 0.53 1.00 2.86 43. 11.6 284.7 5.4
16 01 01 1 19 -18.1 0.193 -9.000 -9.000 -999. 204. 41.1 0.06 0.53 1.00 2.70 15. 11.6 283.9 5.4
16 01 01 1 20 -11.3 0.151 -9.000 -9.000 -999. 141. 26.4 0.06 0.53 1.00 2.15 10. 11.6 283.3 5.4
16 01 01 1 21 -4.4 0.094 -9.000 -9.000 -999. 69. 16.1 0.06 0.53 1.00 1.35 17. 11.6 283.0 5.4
16 01 01 1 22 -3.0 0.077 -9.000 -9.000 -999. 52. 13.5 0.04 0.53 1.00 1.16 36. 11.6 282.6 5.4
16 01 01 1 23 -2.4 0.074 -9.000 -9.000 -999. 48. 14.3 0.06 0.53 1.00 0.95 360. 11.6 281.7 5.4
16 01 01 1 24 -1.7 0.068 -9.000 -9.000 -999. 43. 15.7 0.06 0.53 1.00 0.74 334. 11.6 280.6 5.4

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

16 01 01 01 5.4 0 -999. -99.00 279.8 99.0 -99.00 -99.00

16 01 01 01 11.6 1 342. 3.11 -999.0 99.0 -99.00 -99.00

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

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*** AERMET - VERSION 22112 *** ** *** 07:25:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,
L0000428 ,L0000429 ,L0000430 ,L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,
L0000436 ,L0000437 ,L0000438 ,L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,
L0000444 ,L0000445 ,L0000446 ,L0000447 ,L0000448 ,L0000449 ,L0000450 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 482362.58 482412.58 482462.58 482512.58 482562.58 482612.58 482662.58 482712.58 482762.58

3735691.22 | 0.00016 0.00017 0.00018 0.00020 0.00021 0.00023 0.00025 0.00027 0.00029
3735641.22 | 0.00017 0.00018 0.00020 0.00021 0.00023 0.00025 0.00028 0.00030 0.00033
3735591.22 | 0.00018 0.00019 0.00021 0.00023 0.00025 0.00028 0.00031 0.00034 0.00037
3735541.22 | 0.00019 0.00020 0.00022 0.00025 0.00027 0.00031 0.00034 0.00038 0.00043
3735491.22 | 0.00020 0.00022 0.00024 0.00027 0.00030 0.00034 0.00038 0.00044 0.00050
3735441.22 | 0.00021 0.00023 0.00025 0.00029 0.00032 0.00037 0.00043 0.00050 0.00059
3735391.22 | 0.00022 0.00024 0.00027 0.00030 0.00035 0.00041 0.00048 0.00058 0.00071
3735341.22 | 0.00022 0.00025 0.00028 0.00032 0.00038 0.00044 0.00053 0.00066 0.00086
3735291.22 | 0.00023 0.00026 0.00030 0.00034 0.00040 0.00048 0.00058 0.00075 0.00101
3735241.22 | 0.00024 0.00027 0.00031 0.00036 0.00042 0.00051 0.00063 0.00082 0.00116
3735191.22 | 0.00025 0.00028 0.00032 0.00037 0.00044 0.00054 0.00067 0.00088 0.00125
3735141.22 | 0.00025 0.00028 0.00033 0.00038 0.00046 0.00056 0.00070 0.00092 0.00130
3735091.22 | 0.00025 0.00029 0.00033 0.00039 0.00047 0.00057 0.00072 0.00094 0.00132
3735041.22 | 0.00026 0.00029 0.00033 0.00039 0.00047 0.00058 0.00072 0.00095 0.00133
3734991.22 | 0.00026 0.00029 0.00033 0.00039 0.00047 0.00058 0.00072 0.00094 0.00132
3734941.22 | 0.00025 0.00029 0.00033 0.00039 0.00047 0.00057 0.00071 0.00093 0.00130
3734891.22 | 0.00025 0.00029 0.00033 0.00038 0.00046 0.00055 0.00070 0.00091 0.00127
3734841.22 | 0.00025 0.00028 0.00031 0.00037 0.00044 0.00054 0.00067 0.00088 0.00125
3734791.22 | 0.00024 0.00027 0.00030 0.00036 0.00042 0.00051 0.00064 0.00085 0.00123
3734741.22 | 0.00023 0.00026 0.00029 0.00034 0.00040 0.00048 0.00060 0.00080 0.00121
3734691.22 | 0.00022 0.00025 0.00028 0.00032 0.00037 0.00044 0.00055 0.00072 0.00110
3734641.22 | 0.00021 0.00024 0.00026 0.00030 0.00034 0.00040 0.00049 0.00061 0.00083
3734591.22 | 0.00020 0.00022 0.00025 0.00028 0.00031 0.00036 0.00042 0.00050 0.00060
3734541.22 | 0.00019 0.00021 0.00023 0.00026 0.00028 0.00032 0.00036 0.00041 0.00046

3734491.22	0.00018	0.00020	0.00021	0.00023	0.00026	0.00028	0.00031	0.00034	0.00037
3734441.22	0.00017	0.00018	0.00020	0.00021	0.00023	0.00025	0.00027	0.00029	0.00031
3734391.22	0.00016	0.00017	0.00018	0.00019	0.00021	0.00022	0.00024	0.00025	0.00027
3734341.22	0.00015	0.00016	0.00017	0.00018	0.00019	0.00020	0.00021	0.00022	0.00023
3734291.22	0.00014	0.00015	0.00016	0.00016	0.00017	0.00018	0.00019	0.00020	0.00021
3734241.22	0.00013	0.00014	0.00014	0.00015	0.00016	0.00016	0.00017	0.00018	0.00019

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,
L0000428 ,L0000429 ,L0000430 ,L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,
L0000436 ,L0000437 ,L0000438 ,L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,
L0000444 ,L0000445 ,L0000446 ,L0000447 ,L0000448 ,L0000449 ,L0000450 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 482812.58 482862.58 482912.58 482962.58 483012.58 483062.58 483112.58 483162.58 483212.58

3735691.22 | 0.00031 0.00033 0.00035 0.00036 0.00037 0.00038 0.00039 0.00040 0.00040
3735641.22 | 0.00035 0.00038 0.00040 0.00042 0.00043 0.00044 0.00045 0.00046 0.00046
3735591.22 | 0.00041 0.00044 0.00047 0.00049 0.00051 0.00053 0.00054 0.00054 0.00055
3735541.22 | 0.00048 0.00052 0.00057 0.00060 0.00062 0.00064 0.00065 0.00066 0.00066
3735491.22 | 0.00057 0.00064 0.00071 0.00075 0.00079 0.00081 0.00082 0.00082 0.00083
3735441.22 | 0.00070 0.00083 0.00093 0.00101 0.00105 0.00107 0.00108 0.00109 0.00109
3735391.22 | 0.00090 0.00114 0.00137 0.00150 0.00155 0.00157 0.00158 0.00158 0.00157
3735341.22 | 0.00119 0.00181 0.00261 0.00286 0.00290 0.00291 0.00293 0.00293 0.00293
3735291.22 | 0.00157 0.00355 0.00567 0.00659 0.00633 0.00622 0.00621 0.00775 0.00761
3735241.22 | 0.00189 0.00483 0.00683 0.00376 0.00331 0.00312 0.00302 0.00294 0.00287
3735191.22 | 0.00205 0.00501 0.00665 0.00296 0.00227 0.00203 0.00190 0.00182 0.00176
3735141.22 | 0.00210 0.00505 0.00658 0.00277 0.00194 0.00163 0.00148 0.00139 0.00132
3735091.22 | 0.00211 0.00507 0.00652 0.00268 0.00180 0.00144 0.00126 0.00116 0.00109
3735041.22 | 0.00211 0.00507 0.00646 0.00262 0.00172 0.00133 0.00113 0.00101 0.00094
3734991.22 | 0.00210 0.00507 0.00639 0.00257 0.00166 0.00126 0.00104 0.00092 0.00084
3734941.22 | 0.00207 0.00505 0.00632 0.00252 0.00160 0.00120 0.00098 0.00084 0.00076
3734891.22 | 0.00205 0.00503 0.00624 0.00245 0.00154 0.00114 0.00092 0.00078 0.00070
3734841.22 | 0.00202 0.00500 0.00612 0.00235 0.00146 0.00107 0.00086 0.00073 0.00065
3734791.22 | 0.00208 0.00517 0.00577 0.00217 0.00135 0.00099 0.00080 0.00068 0.00060
3734741.22 | 0.00245 0.00801 0.00398 0.00183 0.00119 0.00090 0.00073 0.00062 0.00055
3734691.22 | 0.00301 0.00482 0.00224 0.00142 0.00102 0.00080 0.00066 0.00057 0.00051
3734641.22 | 0.00123 0.00158 0.00134 0.00106 0.00084 0.00070 0.00059 0.00052 0.00047
3734591.22 | 0.00072 0.00083 0.00086 0.00079 0.00069 0.00060 0.00053 0.00047 0.00043
3734541.22 | 0.00051 0.00057 0.00060 0.00060 0.00057 0.00052 0.00047 0.00043 0.00039

3734491.22	0.00040	0.00043	0.00046	0.00047	0.00046	0.00044	0.00042	0.00039	0.00036
3734441.22	0.00033	0.00035	0.00037	0.00038	0.00039	0.00038	0.00037	0.00035	0.00033
3734391.22	0.00028	0.00030	0.00031	0.00032	0.00033	0.00033	0.00032	0.00031	0.00030
3734341.22	0.00024	0.00026	0.00027	0.00027	0.00028	0.00029	0.00028	0.00028	0.00027
3734291.22	0.00022	0.00022	0.00023	0.00024	0.00024	0.00025	0.00025	0.00025	0.00025
3734241.22	0.00019	0.00020	0.00021	0.00021	0.00021	0.00022	0.00022	0.00023	0.00022

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,
L0000428 ,L0000429 ,L0000430 ,L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,
L0000436 ,L0000437 ,L0000438 ,L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,
L0000444 ,L0000445 ,L0000446 ,L0000447 ,L0000448 ,L0000449 ,L0000450 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 483262.58 483312.58 483362.58 483412.58 483462.58 483512.58 483562.58 483612.58 483662.58

3735691.22 | 0.00040 0.00040 0.00040 0.00040 0.00039 0.00039 0.00038 0.00038 0.00037
3735641.22 | 0.00046 0.00046 0.00046 0.00046 0.00046 0.00045 0.00045 0.00044 0.00043
3735591.22 | 0.00055 0.00055 0.00055 0.00054 0.00054 0.00053 0.00053 0.00052 0.00051
3735541.22 | 0.00066 0.00066 0.00066 0.00065 0.00065 0.00064 0.00063 0.00062 0.00061
3735491.22 | 0.00082 0.00082 0.00082 0.00081 0.00081 0.00080 0.00079 0.00078 0.00077
3735441.22 | 0.00108 0.00108 0.00107 0.00107 0.00106 0.00106 0.00105 0.00103 0.00102
3735391.22 | 0.00156 0.00156 0.00156 0.00155 0.00155 0.00154 0.00152 0.00151 0.00149
3735341.22 | 0.00291 0.00291 0.00294 0.00293 0.00291 0.00290 0.00287 0.00285 0.00283
3735291.22 | 0.00577 0.00726 0.00751 0.00584 0.00581 0.00584 0.00722 0.00724 0.00573
3735241.22 | 0.00280 0.00276 0.00278 0.00278 0.00278 0.00277 0.00276 0.00276 0.00274
3735191.22 | 0.00172 0.00169 0.00167 0.00167 0.00166 0.00165 0.00163 0.00162 0.00161
3735141.22 | 0.00128 0.00125 0.00123 0.00121 0.00120 0.00118 0.00117 0.00116 0.00114
3735091.22 | 0.00104 0.00101 0.00098 0.00096 0.00094 0.00093 0.00092 0.00090 0.00089
3735041.22 | 0.00089 0.00085 0.00082 0.00080 0.00078 0.00077 0.00075 0.00074 0.00072
3734991.22 | 0.00078 0.00074 0.00071 0.00069 0.00067 0.00066 0.00064 0.00062 0.00061
3734941.22 | 0.00070 0.00066 0.00063 0.00061 0.00059 0.00057 0.00056 0.00054 0.00053
3734891.22 | 0.00064 0.00060 0.00057 0.00054 0.00052 0.00051 0.00049 0.00048 0.00046
3734841.22 | 0.00059 0.00055 0.00052 0.00049 0.00047 0.00045 0.00044 0.00043 0.00041
3734791.22 | 0.00054 0.00050 0.00047 0.00045 0.00043 0.00041 0.00040 0.00038 0.00037
3734741.22 | 0.00050 0.00046 0.00043 0.00041 0.00039 0.00038 0.00036 0.00035 0.00034
3734691.22 | 0.00046 0.00043 0.00040 0.00038 0.00036 0.00035 0.00033 0.00032 0.00031
3734641.22 | 0.00043 0.00039 0.00037 0.00035 0.00033 0.00032 0.00031 0.00030 0.00029
3734591.22 | 0.00039 0.00037 0.00034 0.00032 0.00031 0.00030 0.00029 0.00028 0.00027
3734541.22 | 0.00036 0.00034 0.00032 0.00030 0.00029 0.00028 0.00027 0.00026 0.00025

3734491.22	0.00034	0.00031	0.00030	0.00028	0.00027	0.00026	0.00025	0.00024	0.00024
3734441.22	0.00031	0.00029	0.00028	0.00026	0.00025	0.00025	0.00024	0.00023	0.00022
3734391.22	0.00028	0.00027	0.00026	0.00025	0.00024	0.00023	0.00022	0.00022	0.00021
3734341.22	0.00026	0.00025	0.00024	0.00023	0.00022	0.00022	0.00021	0.00020	0.00020
3734291.22	0.00024	0.00023	0.00022	0.00022	0.00021	0.00020	0.00020	0.00019	0.00018
3734241.22	0.00022	0.00021	0.00021	0.00020	0.00020	0.00019	0.00019	0.00018	0.00017

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,
L0000428 ,L0000429 ,L0000430 ,L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,
L0000436 ,L0000437 ,L0000438 ,L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,
L0000444 ,L0000445 ,L0000446 ,L0000447 ,L0000448 ,L0000449 ,L0000450 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 483712.58 483762.58 483812.58 483862.58 483912.58 483962.58 484012.58 484062.58 484112.58

3735691.22	0.00036	0.00035	0.00034	0.00032	0.00031	0.00029	0.00027	0.00025	0.00023
3735641.22	0.00042	0.00040	0.00039	0.00037	0.00036	0.00034	0.00031	0.00029	0.00026
3735591.22	0.00049	0.00048	0.00046	0.00044	0.00042	0.00039	0.00036	0.00033	0.00030
3735541.22	0.00060	0.00058	0.00056	0.00054	0.00051	0.00048	0.00044	0.00040	0.00035
3735491.22	0.00075	0.00073	0.00071	0.00068	0.00065	0.00060	0.00055	0.00049	0.00042
3735441.22	0.00100	0.00098	0.00095	0.00092	0.00088	0.00082	0.00074	0.00064	0.00052
3735391.22	0.00147	0.00145	0.00142	0.00138	0.00133	0.00125	0.00113	0.00094	0.00070
3735341.22	0.00281	0.00278	0.00274	0.00269	0.00263	0.00253	0.00235	0.00192	0.00109
3735291.22	0.00575	0.00579	0.00588	0.00736	0.00578	0.00561	0.00542	0.00471	0.00172
3735241.22	0.00273	0.00271	0.00269	0.00265	0.00260	0.00251	0.00234	0.00197	0.00125
3735191.22	0.00159	0.00157	0.00154	0.00150	0.00145	0.00137	0.00126	0.00108	0.00085
3735141.22	0.00112	0.00110	0.00107	0.00104	0.00099	0.00094	0.00086	0.00076	0.00065
3735091.22	0.00087	0.00084	0.00082	0.00079	0.00075	0.00071	0.00066	0.00060	0.00052
3735041.22	0.00070	0.00068	0.00066	0.00064	0.00061	0.00057	0.00053	0.00049	0.00044
3734991.22	0.00059	0.00057	0.00055	0.00053	0.00051	0.00048	0.00045	0.00042	0.00038
3734941.22	0.00051	0.00049	0.00048	0.00046	0.00044	0.00042	0.00039	0.00037	0.00034
3734891.22	0.00045	0.00043	0.00042	0.00040	0.00038	0.00037	0.00035	0.00033	0.00031
3734841.22	0.00040	0.00039	0.00037	0.00036	0.00034	0.00033	0.00031	0.00030	0.00028
3734791.22	0.00036	0.00035	0.00034	0.00032	0.00031	0.00030	0.00028	0.00027	0.00026
3734741.22	0.00033	0.00032	0.00031	0.00030	0.00028	0.00027	0.00026	0.00025	0.00024
3734691.22	0.00030	0.00029	0.00028	0.00027	0.00026	0.00025	0.00024	0.00023	0.00022
3734641.22	0.00028	0.00027	0.00026	0.00025	0.00024	0.00024	0.00023	0.00022	0.00021
3734591.22	0.00026	0.00025	0.00024	0.00024	0.00023	0.00022	0.00021	0.00020	0.00019
3734541.22	0.00024	0.00024	0.00023	0.00022	0.00021	0.00021	0.00020	0.00019	0.00018

3734491.22	0.00023	0.00022	0.00021	0.00021	0.00020	0.00019	0.00019	0.00018	0.00017
3734441.22	0.00021	0.00021	0.00020	0.00019	0.00019	0.00018	0.00018	0.00017	0.00016
3734391.22	0.00020	0.00019	0.00019	0.00018	0.00018	0.00017	0.00017	0.00016	0.00016
3734341.22	0.00019	0.00018	0.00018	0.00017	0.00017	0.00016	0.00016	0.00015	0.00015
3734291.22	0.00018	0.00017	0.00017	0.00016	0.00016	0.00015	0.00015	0.00015	0.00014
3734241.22	0.00017	0.00017	0.00016	0.00016	0.00015	0.00015	0.00014	0.00014	0.00014

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc *** 07/15/26
*** AERMET - VERSION 22112 *** *** *** 07:25:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,
L0000428 ,L0000429 ,L0000430 ,L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,
L0000436 ,L0000437 ,L0000438 ,L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,
L0000444 ,L0000445 ,L0000446 ,L0000447 ,L0000448 ,L0000449 ,L0000450 , ... ,

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

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

Y-COORD | X-COORD (METERS)
(METERS)| 484162.58 484212.58 484262.58 484312.58 484362.58 484412.58 484462.58 484512.58 484562.58

3735691.22 | 0.00021 0.00020 0.00018 0.00016 0.00015 0.00014 0.00013 0.00012 0.00011
3735641.22 | 0.00024 0.00022 0.00019 0.00018 0.00016 0.00015 0.00013 0.00012 0.00011
3735591.22 | 0.00027 0.00024 0.00021 0.00019 0.00017 0.00015 0.00014 0.00013 0.00012
3735541.22 | 0.00031 0.00027 0.00023 0.00020 0.00018 0.00016 0.00015 0.00013 0.00012
3735491.22 | 0.00035 0.00030 0.00026 0.00022 0.00019 0.00017 0.00015 0.00014 0.00012
3735441.22 | 0.00042 0.00034 0.00028 0.00024 0.00020 0.00018 0.00016 0.00014 0.00013
3735391.22 | 0.00051 0.00039 0.00031 0.00025 0.00022 0.00019 0.00017 0.00015 0.00013
3735341.22 | 0.00062 0.00043 0.00033 0.00027 0.00022 0.00019 0.00017 0.00015 0.00013
3735291.22 | 0.00069 0.00045 0.00034 0.00027 0.00023 0.00019 0.00017 0.00015 0.00014
3735241.22 | 0.00067 0.00044 0.00033 0.00027 0.00023 0.00019 0.00017 0.00015 0.00014
3735191.22 | 0.00060 0.00042 0.00032 0.00026 0.00022 0.00019 0.00017 0.00015 0.00014
3735141.22 | 0.00052 0.00040 0.00031 0.00026 0.00022 0.00019 0.00017 0.00015 0.00013
3735091.22 | 0.00045 0.00037 0.00030 0.00025 0.00021 0.00018 0.00016 0.00014 0.00013
3735041.22 | 0.00039 0.00034 0.00028 0.00024 0.00021 0.00018 0.00016 0.00014 0.00013
3734991.22 | 0.00035 0.00031 0.00027 0.00023 0.00020 0.00018 0.00016 0.00014 0.00013
3734941.22 | 0.00031 0.00028 0.00025 0.00022 0.00020 0.00017 0.00015 0.00014 0.00012
3734891.22 | 0.00028 0.00026 0.00024 0.00021 0.00019 0.00017 0.00015 0.00014 0.00012
3734841.22 | 0.00026 0.00024 0.00022 0.00020 0.00018 0.00016 0.00015 0.00013 0.00012
3734791.22 | 0.00024 0.00022 0.00021 0.00019 0.00018 0.00016 0.00015 0.00013 0.00012
3734741.22 | 0.00022 0.00021 0.00020 0.00018 0.00017 0.00015 0.00014 0.00013 0.00012
3734691.22 | 0.00021 0.00020 0.00019 0.00017 0.00016 0.00015 0.00014 0.00013 0.00012
3734641.22 | 0.00020 0.00019 0.00018 0.00017 0.00016 0.00015 0.00014 0.00013 0.00012
3734591.22 | 0.00019 0.00018 0.00017 0.00016 0.00015 0.00014 0.00013 0.00012 0.00011
3734541.22 | 0.00018 0.00017 0.00016 0.00015 0.00014 0.00014 0.00013 0.00012 0.00011

3734491.22	0.00017	0.00016	0.00015	0.00015	0.00014	0.00013	0.00012	0.00012	0.00011
3734441.22	0.00016	0.00015	0.00015	0.00014	0.00013	0.00013	0.00012	0.00011	0.00011
3734391.22	0.00015	0.00014	0.00014	0.00014	0.00013	0.00012	0.00012	0.00011	0.00010
3734341.22	0.00014	0.00014	0.00013	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010
3734291.22	0.00014	0.00013	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010
3734241.22	0.00013	0.00013	0.00012	0.00012	0.00011	0.00011	0.00011	0.00010	0.00010

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc *** 07/15/26

*** AERMET - VERSION 22112 *** ** *** 07:25:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000423 ,L0000424 ,L0000425 ,L0000426 ,L0000427 ,
L0000428 ,L0000429 ,L0000430 ,L0000431 ,L0000432 ,L0000433 ,L0000434 ,L0000435 ,
L0000436 ,L0000437 ,L0000438 ,L0000439 ,L0000440 ,L0000441 ,L0000442 ,L0000443 ,
L0000444 ,L0000445 ,L0000446 ,L0000447 ,L0000448 ,L0000449 ,L0000450 , ... ,

*** 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
483079.58	3735332.70	0.00344	483147.65	3735319.41	0.00488
483216.97	3735382.92	0.00170	483388.63	3735310.42	0.00697
483388.95	3735285.66	0.00759	483526.31	3735308.86	0.00719
483527.10	3735288.20	0.00680	483653.55	3735310.44	0.00654
483805.03	3735316.49	0.00513	483985.93	3735318.36	0.00448
484107.56	3735241.19	0.00133	484101.21	3735174.27	0.00081
482903.55	3735168.53	0.00899	482873.83	3735044.40	0.00741
482874.99	3734942.99	0.00780	482904.72	3734946.49	0.00825
482947.26	3734851.49	0.00293	482849.35	3734735.52	0.00704
482863.86	3734708.13	0.00735	482791.16	3734649.56	0.00114

*** AERMOD - VERSION 24142 *** ** J:\AER\Perris_2045C\Perris_2045C.isc *** 07/15/26
*** AERMET - VERSION 22112 *** ** *** 07:25:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	0.00899 AT (482903.55, 3735168.53, 433.86, 433.86, 0.00)	DC
	2ND HIGHEST VALUE IS	0.00825 AT (482904.72, 3734946.49, 434.49, 434.49, 0.00)	DC
	3RD HIGHEST VALUE IS	0.00801 AT (482862.58, 3734741.22, 434.60, 434.60, 0.00)	GC UCART1
	4TH HIGHEST VALUE IS	0.00780 AT (482874.99, 3734942.99, 434.26, 434.26, 0.00)	DC
	5TH HIGHEST VALUE IS	0.00775 AT (483162.58, 3735291.22, 434.80, 434.80, 0.00)	GC UCART1
	6TH HIGHEST VALUE IS	0.00761 AT (483212.58, 3735291.22, 435.00, 435.00, 0.00)	GC UCART1
	7TH HIGHEST VALUE IS	0.00759 AT (483388.95, 3735285.66, 436.34, 436.34, 0.00)	DC
	8TH HIGHEST VALUE IS	0.00751 AT (483362.58, 3735291.22, 436.20, 436.20, 0.00)	GC UCART1
	9TH HIGHEST VALUE IS	0.00741 AT (482873.83, 3735044.40, 434.24, 434.24, 0.00)	DC
	10TH HIGHEST VALUE IS	0.00736 AT (483862.58, 3735291.22, 441.10, 441.10, 0.00)	GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 24142 *** J:\AER\Perris_2045C\Perris_2045C.isc *** 07/15/26
*** AERMET - VERSION 22112 *** *** 07:25:58

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*** MODELOPTs: RegDEFAULT 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 2 Warning Message(s)
A Total of 598 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 227 Calm Hours Identified

A Total of 371 Missing Hours Identified (0.85 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186 542 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 542 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***



Appendix C

Health Risk Calculation Worksheets

2025 Residential Carcinogenic and Non-Carcinogenic Risks - 3rd Trimester Exposure Scenario (0.25-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	0.25 years
Daily Breathing Rate ¹ :	361 L/kg BW-day
Age Sensitivity Factor ² :	10
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	91.25 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00057	5.70E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0001
2	0.0008	8.00E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002
3	0.00028	2.80E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0001
4	0.00114	1.14E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0002
5	0.00124	1.24E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0002
6	0.0012	1.20E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0002
7	0.00113	1.13E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0002
8	0.00109	1.09E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002
9	0.00084	8.40E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002
10	0.00073	7.30E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0001
11	0.00022	2.20E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0000
12	0.00013	1.30E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0000

2025 Residential Carcinogenic and Non-Carcinogenic Risks - Infant Exposure Scenario (2-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	2 years
Daily Breathing Rate ¹ :	1,090 L/kg BW-day
Age Sensitivity Factor ² :	10
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	730 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00057	5.70E-07	1	DPM	1.10E+00	0.19	5.00E+00	1.43E-03	0.0001
2	0.0008	8.00E-07	1	DPM	1.10E+00	0.26	5.00E+00	1.43E-03	0.0002
3	0.00028	2.80E-07	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0001
4	0.00114	1.14E-06	1	DPM	1.10E+00	0.37	5.00E+00	1.43E-03	0.0002
5	0.00124	1.24E-06	1	DPM	1.10E+00	0.41	5.00E+00	1.43E-03	0.0002
6	0.0012	1.20E-06	1	DPM	1.10E+00	0.39	5.00E+00	1.43E-03	0.0002
7	0.00113	1.13E-06	1	DPM	1.10E+00	0.37	5.00E+00	1.43E-03	0.0002
8	0.00109	1.09E-06	1	DPM	1.10E+00	0.36	5.00E+00	1.43E-03	0.0002
9	0.00084	8.40E-07	1	DPM	1.10E+00	0.28	5.00E+00	1.43E-03	0.0002
10	0.00073	7.30E-07	1	DPM	1.10E+00	0.24	5.00E+00	1.43E-03	0.0001
11	0.00022	2.20E-07	1	DPM	1.10E+00	0.07	5.00E+00	1.43E-03	0.0000
12	0.00013	1.30E-07	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0000

2025 Residential Carcinogenic and Non-Carcinogenic Risks - Child Exposure Scenario (14-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	14 years
Daily Breathing Rate ¹ :	745 L/kg BW-day
Age Sensitivity Factor ² :	3
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	5,110 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00057	5.70E-07	1	DPM	1.10E+00	0.27	5.00E+00	1.43E-03	0.0001
2	0.0008	8.00E-07	1	DPM	1.10E+00	0.38	5.00E+00	1.43E-03	0.0002
3	0.00028	2.80E-07	1	DPM	1.10E+00	0.13	5.00E+00	1.43E-03	0.0001
4	0.00114	1.14E-06	1	DPM	1.10E+00	0.54	5.00E+00	1.43E-03	0.0002
5	0.00124	1.24E-06	1	DPM	1.10E+00	0.58	5.00E+00	1.43E-03	0.0002
6	0.0012	1.20E-06	1	DPM	1.10E+00	0.57	5.00E+00	1.43E-03	0.0002
7	0.00113	1.13E-06	1	DPM	1.10E+00	0.53	5.00E+00	1.43E-03	0.0002
8	0.00109	1.09E-06	1	DPM	1.10E+00	0.51	5.00E+00	1.43E-03	0.0002
9	0.00084	8.40E-07	1	DPM	1.10E+00	0.40	5.00E+00	1.43E-03	0.0002
10	0.00073	7.30E-07	1	DPM	1.10E+00	0.34	5.00E+00	1.43E-03	0.0001
11	0.00022	2.20E-07	1	DPM	1.10E+00	0.10	5.00E+00	1.43E-03	0.0000
12	0.00013	1.30E-07	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0000

2025 Residential Carcinogenic and Non-Carcinogenic Risks - Adult Exposure Scenario (14-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	14 years
Daily Breathing Rate ¹ :	335 L/kg BW-day
Age Sensitivity Factor ² :	1
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	5,110 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00057	5.70E-07	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0001
2	0.0008	8.00E-07	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0002
3	0.00028	2.80E-07	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0001
4	0.00114	1.14E-06	1	DPM	1.10E+00	0.08	5.00E+00	1.43E-03	0.0002
5	0.00124	1.24E-06	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0002
6	0.0012	1.20E-06	1	DPM	1.10E+00	0.08	5.00E+00	1.43E-03	0.0002
7	0.00113	1.13E-06	1	DPM	1.10E+00	0.08	5.00E+00	1.43E-03	0.0002
8	0.00109	1.09E-06	1	DPM	1.10E+00	0.08	5.00E+00	1.43E-03	0.0002
9	0.00084	8.40E-07	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0002
10	0.00073	7.30E-07	1	DPM	1.10E+00	0.05	5.00E+00	1.43E-03	0.0001
11	0.00022	2.20E-07	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0000
12	0.00013	1.30E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0000



2025 Cumulative Risk - Residential

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Sensitive Receptor Location	AERMOD Receptor ID	Cumulative Risk (per one million)
1	1	0.5040
	2	0.7074
	3	0.2476
2	4	1.0081
	5	1.0965
	6	1.0611
	7	0.9992
	8	0.9638
	9	0.7428
	10	0.6455
	11	0.1945
	12	0.1150
Maximum Cumulative Risk		1.0965
SCAQMD Lifetime Cancer Risk Threshold		10
Exceeds Threshold?		No

2025 Worker Carcinogenic and Non-Carcinogenic Risks

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/15/2026
				JN:	3337-2026-01

Exposure Factors ¹	
Exposure Days:	250 days/year
Exposure Frequency (EF):	0.68
Exposure Duration (ED):	25 years
8-Hour Breathing Rate (BR/BW):	20 L/kg BW-8hr day
Age Sensitivity Factor (ASF):	1
Worker Adjustment Factor (WAF):	1
Absorption Factor (A):	1
Averaging Time (AT):	25,550 days (70 years)

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual (February 2015). Worker exposure factors are based on the Tier 1 recommended default assumptions presented in Sections 5.4.1.2A, 5.4.1.2B, and 8.2.4B.

$$\text{Cancer Risk} = (\text{DPM Concentration} \times \text{WAF}) \times \left(\frac{\text{BR}}{\text{BW}}\right) \times A \times EF \times CPF \times ASF \times (ED \times 365) \div 25,550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
13	0.00172	1.72E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
14	0.00142	1.42E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
15	0.00149	1.49E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
16	0.00159	1.59E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
17	0.00056	5.60E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0001
18	0.00136	1.36E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
19	0.00142	1.42E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
20	0.00022	2.20E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0000

2025 Cumulative Risk - Worker

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/15/2026
				JN:	3337-2026-01

Sensitive Receptor Location	AERMOD Receptor ID	Cumulative Risk (per one million)
3	13	0.0092
	14	0.0076
	15	0.0080
	16	0.0085
	17	0.0030
	18	0.0073
	19	0.0076
	20	0.0012
Maximum Cumulative Risk		0.0092
SCAQMD Lifetime Cancer Risk Threshold		10
Exceeds Threshold?		No

2045 Baseline Residential Carcinogenic and Non-Carcinogenic Risks - 3rd Trimester Exposure Scenario (0.25-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	0.25 years
Daily Breathing Rate ¹ :	361 L/kg BW-day
Age Sensitivity Factor ² :	10
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	91.25 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00084	8.40E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002
2	0.00112	1.12E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0002
3	0.00042	4.20E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0001
4	0.00154	1.54E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
5	0.00168	1.68E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
6	0.00158	1.58E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
7	0.0015	1.50E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
8	0.00143	1.43E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
9	0.00112	1.12E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0002
10	0.00098	9.80E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002
11	0.0003	3.00E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0001
12	0.00019	1.90E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0000

2045 Baseline Residential Carcinogenic and Non-Carcinogenic Risks - Infant Exposure Scenario (2-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	2 years
Daily Breathing Rate ¹ :	1,090 L/kg BW-day
Age Sensitivity Factor ² :	10
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	730 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00084	8.40E-07	1	DPM	1.10E+00	0.28	5.00E+00	1.43E-03	0.0002
2	0.00112	1.12E-06	1	DPM	1.10E+00	0.37	5.00E+00	1.43E-03	0.0002
3	0.00042	4.20E-07	1	DPM	1.10E+00	0.14	5.00E+00	1.43E-03	0.0001
4	0.00154	1.54E-06	1	DPM	1.10E+00	0.51	5.00E+00	1.43E-03	0.0003
5	0.00168	1.68E-06	1	DPM	1.10E+00	0.55	5.00E+00	1.43E-03	0.0003
6	0.00158	1.58E-06	1	DPM	1.10E+00	0.52	5.00E+00	1.43E-03	0.0003
7	0.0015	1.50E-06	1	DPM	1.10E+00	0.49	5.00E+00	1.43E-03	0.0003
8	0.00143	1.43E-06	1	DPM	1.10E+00	0.47	5.00E+00	1.43E-03	0.0003
9	0.00112	1.12E-06	1	DPM	1.10E+00	0.37	5.00E+00	1.43E-03	0.0002
10	0.00098	9.80E-07	1	DPM	1.10E+00	0.32	5.00E+00	1.43E-03	0.0002
11	0.0003	3.00E-07	1	DPM	1.10E+00	0.10	5.00E+00	1.43E-03	0.0001
12	0.00019	1.90E-07	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0000

2045 Baseline Residential Carcinogenic and Non-Carcinogenic Risks - Child Exposure Scenario (14-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	14 years
Daily Breathing Rate ¹ :	745 L/kg BW-day
Age Sensitivity Factor ² :	3
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	5,110 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00084	8.40E-07	1	DPM	1.10E+00	0.40	5.00E+00	1.43E-03	0.0002
2	0.00112	1.12E-06	1	DPM	1.10E+00	0.53	5.00E+00	1.43E-03	0.0002
3	0.00042	4.20E-07	1	DPM	1.10E+00	0.20	5.00E+00	1.43E-03	0.0001
4	0.00154	1.54E-06	1	DPM	1.10E+00	0.73	5.00E+00	1.43E-03	0.0003
5	0.00168	1.68E-06	1	DPM	1.10E+00	0.79	5.00E+00	1.43E-03	0.0003
6	0.00158	1.58E-06	1	DPM	1.10E+00	0.74	5.00E+00	1.43E-03	0.0003
7	0.0015	1.50E-06	1	DPM	1.10E+00	0.71	5.00E+00	1.43E-03	0.0003
8	0.00143	1.43E-06	1	DPM	1.10E+00	0.67	5.00E+00	1.43E-03	0.0003
9	0.00112	1.12E-06	1	DPM	1.10E+00	0.53	5.00E+00	1.43E-03	0.0002
10	0.00098	9.80E-07	1	DPM	1.10E+00	0.46	5.00E+00	1.43E-03	0.0002
11	0.0003	3.00E-07	1	DPM	1.10E+00	0.14	5.00E+00	1.43E-03	0.0001
12	0.00019	1.90E-07	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0000

2045 Baseline Residential Carcinogenic and Non-Carcinogenic Risks - Adult Exposure Scenario (14-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	14 years
Daily Breathing Rate ¹ :	335 L/kg BW-day
Age Sensitivity Factor ² :	1
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	5,110 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00084	8.40E-07	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0002
2	0.00112	1.12E-06	1	DPM	1.10E+00	0.08	5.00E+00	1.43E-03	0.0002
3	0.00042	4.20E-07	1	DPM	1.10E+00	0.03	5.00E+00	1.43E-03	0.0001
4	0.00154	1.54E-06	1	DPM	1.10E+00	0.11	5.00E+00	1.43E-03	0.0003
5	0.00168	1.68E-06	1	DPM	1.10E+00	0.12	5.00E+00	1.43E-03	0.0003
6	0.00158	1.58E-06	1	DPM	1.10E+00	0.11	5.00E+00	1.43E-03	0.0003
7	0.0015	1.50E-06	1	DPM	1.10E+00	0.11	5.00E+00	1.43E-03	0.0003
8	0.00143	1.43E-06	1	DPM	1.10E+00	0.10	5.00E+00	1.43E-03	0.0003
9	0.00112	1.12E-06	1	DPM	1.10E+00	0.08	5.00E+00	1.43E-03	0.0002
10	0.00098	9.80E-07	1	DPM	1.10E+00	0.07	5.00E+00	1.43E-03	0.0002
11	0.0003	3.00E-07	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0001
12	0.00019	1.90E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0000

2045 Baseline Cumulative Risk - Residential

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Sensitive Receptor Location	AERMOD Receptor ID	Cumulative Risk (per one million)
1	1	0.7428
	2	0.9904
	3	0.3714
2	4	1.3618
	5	1.4856
	6	1.3971
	7	1.3264
	8	1.2645
	9	0.9904
	10	0.8666
	11	0.2653
	12	0.1680
Maximum Cumulative Risk		1.4856
SCAQMD Lifetime Cancer Risk Threshold		10
Exceeds Threshold?		No

2045 Baseline Worker Carcinogenic and Non-Carcinogenic Risks

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/15/2026
				JN:	3337-2026-01

Exposure Factors ¹	
Exposure Days:	250 days/year
Exposure Frequency (EF):	0.68
Exposure Duration (ED):	25 years
8-Hour Breathing Rate (BR/BW):	20 L/kg BW-8hr day
Age Sensitivity Factor (ASF):	1
Worker Adjustment Factor (WAF):	1
Absorption Factor (A):	1
Averaging Time (AT):	25,550 days (70 years)

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual (February 2015). Worker exposure factors are based on the Tier 1 recommended default assumptions presented in Sections 5.4.1.2A, 5.4.1.2B, and 8.2.4B.

$$\text{Cancer Risk} = (\text{DPM Concentration} \times \text{WAF}) \times \left(\frac{\text{BR}}{\text{BW}}\right) \times A \times EF \times CPF \times ASF \times (ED \times 365) \div 25,550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
13	0.00411	4.11E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0008
14	0.00345	3.45E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0007
15	0.00366	3.66E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0007
16	0.00387	3.87E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0008
17	0.00134	1.34E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0003
18	0.00332	3.32E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0007
19	0.00347	3.47E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0007
20	0.00051	5.10E-07	1	DPM	1.10E+00	0.00	5.00E+00	1.43E-03	0.0001



2045 Baseline Cumulative Risk - Worker

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/15/2026
				JN:	3337-2026-01

Sensitive Receptor Location	AERMOD Receptor ID	Cumulative Risk (per one million)
3	13	0.0220
	14	0.0184
	15	0.0196
	16	0.0207
	17	0.0072
	18	0.0177
	19	0.0185
	20	0.0027
Maximum Cumulative Risk		0.0220
SCAQMD Lifetime Cancer Risk Threshold		10
Exceeds Threshold?		No

2045 (with Cumulatives) Residential Carcinogenic and Non-Carcinogenic Risks - 3rd Trimester Exposure Scenario (0.25-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	0.25 years
Daily Breathing Rate ¹ :	361 L/kg BW-day
Age Sensitivity Factor ² :	10
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	91.25 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00344	3.44E-06	1	DPM	1.10E+00	0.05	5.00E+00	1.43E-03	0.0007
2	0.00488	4.88E-06	1	DPM	1.10E+00	0.07	5.00E+00	1.43E-03	0.0010
3	0.0017	1.70E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
4	0.00697	6.97E-06	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0014
5	0.00759	7.59E-06	1	DPM	1.10E+00	0.10	5.00E+00	1.43E-03	0.0015
6	0.00719	7.19E-06	1	DPM	1.10E+00	0.10	5.00E+00	1.43E-03	0.0014
7	0.0068	6.80E-06	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0014
8	0.00654	6.54E-06	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0013
9	0.00513	5.13E-06	1	DPM	1.10E+00	0.07	5.00E+00	1.43E-03	0.0010
10	0.00448	4.48E-06	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0009
11	0.00133	1.33E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0003
12	0.00081	8.10E-07	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002

2045 (with Cumulatives) Residential Carcinogenic and Non-Carcinogenic Risks - Infant Exposure Scenario (2-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	2 years
Daily Breathing Rate ¹ :	1,090 L/kg BW-day
Age Sensitivity Factor ² :	10
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	730 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00344	3.44E-06	1	DPM	1.10E+00	1.13	5.00E+00	1.43E-03	0.0007
2	0.00488	4.88E-06	1	DPM	1.10E+00	1.60	5.00E+00	1.43E-03	0.0010
3	0.0017	1.70E-06	1	DPM	1.10E+00	0.56	5.00E+00	1.43E-03	0.0003
4	0.00697	6.97E-06	1	DPM	1.10E+00	2.29	5.00E+00	1.43E-03	0.0014
5	0.00759	7.59E-06	1	DPM	1.10E+00	2.49	5.00E+00	1.43E-03	0.0015
6	0.00719	7.19E-06	1	DPM	1.10E+00	2.36	5.00E+00	1.43E-03	0.0014
7	0.0068	6.80E-06	1	DPM	1.10E+00	2.23	5.00E+00	1.43E-03	0.0014
8	0.00654	6.54E-06	1	DPM	1.10E+00	2.15	5.00E+00	1.43E-03	0.0013
9	0.00513	5.13E-06	1	DPM	1.10E+00	1.69	5.00E+00	1.43E-03	0.0010
10	0.00448	4.48E-06	1	DPM	1.10E+00	1.47	5.00E+00	1.43E-03	0.0009
11	0.00133	1.33E-06	1	DPM	1.10E+00	0.44	5.00E+00	1.43E-03	0.0003
12	0.00081	8.10E-07	1	DPM	1.10E+00	0.27	5.00E+00	1.43E-03	0.0002

2045 (with Cumulatives) Residential Carcinogenic and Non-Carcinogenic Risks - Child Exposure Scenario (14-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	14 years
Daily Breathing Rate ¹ :	745 L/kg BW-day
Age Sensitivity Factor ² :	3
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	5,110 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00344	3.44E-06	1	DPM	1.10E+00	1.62	5.00E+00	1.43E-03	0.0007
2	0.00488	4.88E-06	1	DPM	1.10E+00	2.30	5.00E+00	1.43E-03	0.0010
3	0.0017	1.70E-06	1	DPM	1.10E+00	0.80	5.00E+00	1.43E-03	0.0003
4	0.00697	6.97E-06	1	DPM	1.10E+00	3.29	5.00E+00	1.43E-03	0.0014
5	0.00759	7.59E-06	1	DPM	1.10E+00	3.58	5.00E+00	1.43E-03	0.0015
6	0.00719	7.19E-06	1	DPM	1.10E+00	3.39	5.00E+00	1.43E-03	0.0014
7	0.0068	6.80E-06	1	DPM	1.10E+00	3.21	5.00E+00	1.43E-03	0.0014
8	0.00654	6.54E-06	1	DPM	1.10E+00	3.08	5.00E+00	1.43E-03	0.0013
9	0.00513	5.13E-06	1	DPM	1.10E+00	2.42	5.00E+00	1.43E-03	0.0010
10	0.00448	4.48E-06	1	DPM	1.10E+00	2.11	5.00E+00	1.43E-03	0.0009
11	0.00133	1.33E-06	1	DPM	1.10E+00	0.63	5.00E+00	1.43E-03	0.0003
12	0.00081	8.10E-07	1	DPM	1.10E+00	0.38	5.00E+00	1.43E-03	0.0002

2045 (with Cumulatives) Residential Carcinogenic and Non-Carcinogenic Risks - Adult Exposure Scenario (14-Year)

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Exposure Factors	
Exposure Frequency:	350 days/year
Exposure Duration:	14 years
Daily Breathing Rate ¹ :	335 L/kg BW-day
Age Sensitivity Factor ² :	1
Fraction of Time at Home (FAH):	1
Averaging Time (Cancer):	25,550 days
Averaging Time (Non-Cancer):	5,110 days

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 8.3: Age Sensitivity Factors by Age Group for Cancer Risk Assessment.

² Source: OEHHA Air Toxics Hot Spots Program Guidance Manual, Table 5.6: Point Estimates of Residential Daily Breathing Rates for 3rd Trimester, 0<2, 2<9, 2<16, 16<30, and 16-70 years (L/kg BW-day).

$$\text{Cancer Risk} = \text{DPM Concentration} \times \text{CPF} \times \text{DBR} \times \text{ED} \times \text{EF} \times \text{ASF} \times \text{FAH} \div 25550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
1	0.00344	3.44E-06	1	DPM	1.10E+00	0.24	5.00E+00	1.43E-03	0.0007
2	0.00488	4.88E-06	1	DPM	1.10E+00	0.34	5.00E+00	1.43E-03	0.0010
3	0.0017	1.70E-06	1	DPM	1.10E+00	0.12	5.00E+00	1.43E-03	0.0003
4	0.00697	6.97E-06	1	DPM	1.10E+00	0.49	5.00E+00	1.43E-03	0.0014
5	0.00759	7.59E-06	1	DPM	1.10E+00	0.54	5.00E+00	1.43E-03	0.0015
6	0.00719	7.19E-06	1	DPM	1.10E+00	0.51	5.00E+00	1.43E-03	0.0014
7	0.0068	6.80E-06	1	DPM	1.10E+00	0.48	5.00E+00	1.43E-03	0.0014
8	0.00654	6.54E-06	1	DPM	1.10E+00	0.46	5.00E+00	1.43E-03	0.0013
9	0.00513	5.13E-06	1	DPM	1.10E+00	0.36	5.00E+00	1.43E-03	0.0010
10	0.00448	4.48E-06	1	DPM	1.10E+00	0.32	5.00E+00	1.43E-03	0.0009
11	0.00133	1.33E-06	1	DPM	1.10E+00	0.09	5.00E+00	1.43E-03	0.0003
12	0.00081	8.10E-07	1	DPM	1.10E+00	0.06	5.00E+00	1.43E-03	0.0002

2045 (with Cumulatives) Cumulative Risk - Residential

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/14/2026
				JN:	3337-2026-01

Sensitive Receptor Location	AERMOD Receptor ID	Cumulative Risk (per one million)
1	1	3.0418
	2	4.3152
	3	1.5032
2	4	6.1633
	5	6.7115
	6	6.3578
	7	6.0129
	8	5.7830
	9	4.5362
	10	3.9615
	11	1.1761
	12	0.7162
Maximum Cumulative Risk		6.7115
SCAQMD Lifetime Cancer Risk Threshold		10
Exceeds Threshold?		No

2045 (with Cumulatives) Worker Carcinogenic and Non-Carcinogenic Risks

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/15/2026
				JN:	3337-2026-01

Exposure Factors ¹	
Exposure Days:	250 days/year
Exposure Frequency (EF):	0.68
Exposure Duration (ED):	25 years
8-Hour Breathing Rate (BR/BW):	20 L/kg BW-8hr day
Age Sensitivity Factor (ASF):	1
Worker Adjustment Factor (WAF):	1
Absorption Factor (A):	1
Averaging Time (AT):	25,550 days (70 years)

¹ Source: OEHHA Air Toxics Hot Spots Program Guidance Manual (February 2015). Worker exposure factors are based on the Tier 1 recommended default assumptions presented in Sections 5.4.1.2A, 5.4.1.2B, and 8.2.4B.

$$\text{Cancer Risk} = (\text{DPM Concentration} \times \text{WAF}) \times \left(\frac{\text{BR}}{\text{BW}}\right) \times A \times EF \times CPF \times ASF \times (ED \times 365) \div 25,550$$

AERMOD Receptor ID (a)	Maximum Concentration		Weight Fraction (d)	Contaminant (e)	Carcinogenic Hazards		Noncarcinogenic Hazards		
	(ug/m ³) (b)	(mg/m ³) (c)			CPF (mg/kg/day) (f)	RISK (per million) (g)	REL (ug/m ³) (h)	RfD (mg/kg/day) (i)	Index (j)
13	0.00899	8.99E-06	1	DPM	1.10E+00	0.05	5.00E+00	1.43E-03	0.0018
14	0.00741	7.41E-06	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0015
15	0.0078	7.80E-06	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0016
16	0.00825	8.25E-06	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0017
17	0.00293	2.93E-06	1	DPM	1.10E+00	0.02	5.00E+00	1.43E-03	0.0006
18	0.00704	7.04E-06	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0014
19	0.00735	7.35E-06	1	DPM	1.10E+00	0.04	5.00E+00	1.43E-03	0.0015
20	0.00114	1.14E-06	1	DPM	1.10E+00	0.01	5.00E+00	1.43E-03	0.0002



2045 (with Cumulatives) Cumulative Risk - Worker

Project:	Perris Truck Routes Plan Update	Engineer:	B. Morrison	Date:	7/15/2026
				JN:	3337-2026-01

Sensitive Receptor Location	AERMOD Receptor ID	Cumulative Risk (per one million)
3	13	0.0480
	14	0.0396
	15	0.0417
	16	0.0441
	17	0.0157
	18	0.0376
	19	0.0393
	20	0.0061
Maximum Cumulative Risk		0.0480
SCAQMD Lifetime Cancer Risk Threshold		10
Exceeds Threshold?		No