



**BCI IV Harvill Industrial Center
(PPT220001)
MOBILE SOURCE HEALTH RISK ASSESSMENT
COUNTY OF RIVERSIDE**

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LIST OF ABBREVIATED TERMS

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

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EXECUTIVE SUMMARY

This report evaluates the potential mobile-source emissions health risk impacts associated with the development of the proposed Project. More specifically, potential health risk impacts that could result from exposure to Toxic Air Contaminants (TACs), in this case, diesel particulate matter (DPM) generated by heavy-duty diesel trucks accessing the site. This section summarizes the significance criteria and Project health risks.

The results of the health risk assessment from Project-generated DPM emissions are provided in Tables ES-1, ES-2, and ES-3, presented subsequently.

CONSTRUCTION IMPACTS

Residential Exposure Scenario:

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R2, which is located approximately 413 feet southwest of the Project site at an existing residence located at 19542 Patterson Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R2 is placed at the building façade facing the Project site. At the Maximally Exposed Individual Receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 2.71 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location.

Worker Exposure Scenario¹:

The worker receptor land use with the greatest potential exposure to Project construction-source DPM emissions is Location R5, which represents the adjacent potential worker receptor approximately 95 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact attributable to Project construction is 0.46 in one million, which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions during Project construction and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

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

School Child Exposure Scenario:

The nearest school is Val Verde High School, which is located approximately 757 feet east of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk attributable to Project construction is calculated to be 0.15 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

OPERATIONAL IMPACTSResidential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R2 which is located approximately 413 feet southwest of the Project site at an existing residence located at 19542 Patterson Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R2 is placed at the building façade facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.31 in one million for Option A and 0.41 in one million for Option B, which are both less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 for Option A and Option B, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site than the MEIR analyzed herein, and TACs generally dissipate with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences.

Worker Exposure Scenario²:

The worker receptor land use with the greatest potential exposure to Project operational-source DPM emissions is Location R4, which represents the potential worker receptor approximately 119 feet north of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.18 in one million for Option A and 0.21 in one million for Option B, which are both less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01 for both Option A and Option B, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and

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

therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

School Child Exposure Scenario:

The nearest school is Val Verde High School, which is located approximately 757 feet east of the Project site at Location R1. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.05 in one million for Option A and 0.06 in one million for Option B, which are both less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01 for both Option A and Option B, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential increased cancer risk due to exposure to Project construction-source and operational-source DPM emissions is Location R2. At this location, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 2.86 in one million for Option A and 2.91 in one million for Option B, which are both less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 for both Option A and Option B, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million) – Option A & B	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
1.00 Year Exposure	Maximum Exposed Sensitive Receptor	2.71	10	NO
1.00 Year Exposure	Maximum Exposed Individual School Child	0.15	10	NO
1.00 Year Exposure	Maximum Exposed Worker Receptor	0.46	10	NO
Time Period	Location	Maximum Hazard Index – Option A	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child	≤0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	≤0.01	1.0	NO

TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million) – Option A	Maximum Lifetime Cancer Risk (Risk per Million) – Option B	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	0.31	0.41	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.18	0.21	10	NO
9 Year Exposure	Maximum Exposed Individual School Child	0.05	0.06	10	NO
Time Period	Location	Maximum Hazard Index – Option A	Maximum Hazard Index – Option B	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	≤0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	≤0.01	≤0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child	≤0.01	≤0.01	1.0	NO

TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million) – Option A	Maximum Lifetime Cancer Risk (Risk per Million) – Option B	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	2.86	2.91	10	NO
Time Period	Location	Maximum Hazard Index – Option A	Maximum Hazard Index – Option B	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	≤0.01	1.0	NO

1 INTRODUCTION

The South Coast Air Quality Management District (SCAQMD) typically issues a comment letter on the Notice of Preparation of a CEQA Document. Per the SCAQMD's typical comment letter, if a proposed project is expected to generate/attract diesel trucks, which emit diesel particulate matter (DPM) or other Toxic Air Contaminants (TACs), preparation of a HRA is necessary. This document serves to meet the SCAQMD's request for preparation of a HRA. This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

The AQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution (2)*. In this report the AQMD states (Page D-3):

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

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

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

1.1 SITE LOCATION

The proposed Project is located on the northeast corner of Harvill Avenue and Cajalco Road in the County of Riverside, as shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

Since future tenants are unknown, the analysis herein considers two options for the proposed building. "Option A" considers the development of 99,770 square feet (sf) of industrial use with a 118-stall truck parking lot. "Option B" considers the development of 99,770 square feet (sf) of warehouse use with a 118-stall truck parking lot. The site plan for the proposed Project is shown on Exhibit 1-B. Although the latest plan reflects a 118-stall truck parking lot, the analysis conducted conservatively assumes a 133-stall truck parking lot, which is consistent with the Traffic Analysis and associated trip generation evaluated for the Project. The Project does not propose a cold storage use and therefore is not expected to generate Transport Refrigeration Units (TRUs). The Project site has a General Plan Land Use designation of Light Industrial (LI) and zoning designation of Manufacturing-Service Commercial (M-SC). APNs are 317-130-034 and -035.

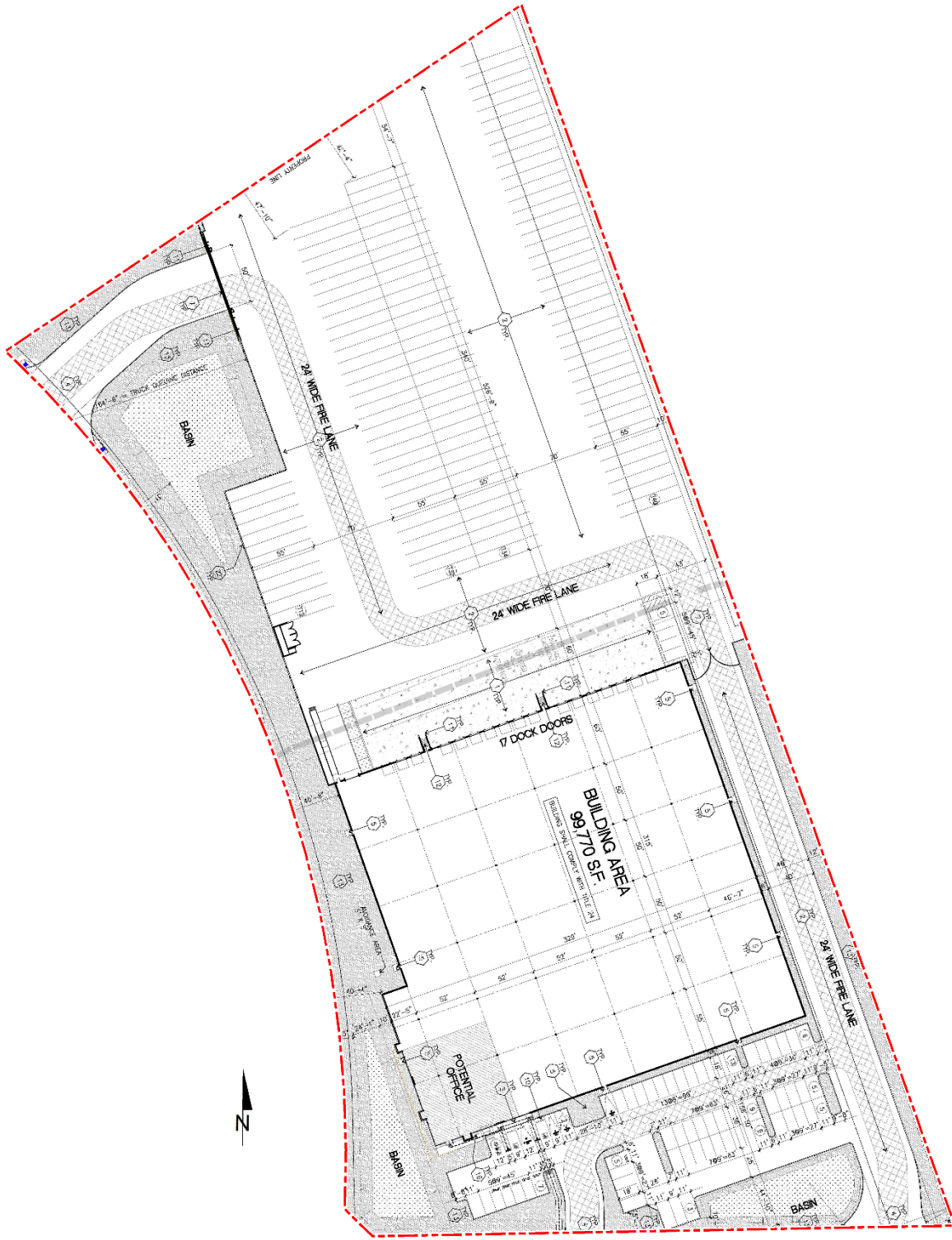
According to the BCI IV Harvill Industrial Center Traffic Analysis, Option A is anticipated to generate a total of 594 total trips per day (297 vehicles inbound + 297 vehicles outbound) which includes 486 total passenger vehicle trips per day (243 passenger vehicles inbound + 243 passenger vehicles outbound) and 108 total truck trips per day (54 trucks inbound + 54 trucks outbound).

Option B is anticipated to generate a total of 278 total trips per day (139 vehicles inbound + 139 vehicles outbound) which includes 136 total passenger vehicle trips per day (68 passenger vehicles inbound + 68 passenger vehicles outbound) and 142 total truck trips per day (71 trucks inbound + 71 trucks outbound) (3).

EXHIBIT 1-A: LOCATION MAP



EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

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

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 EMISSIONS CALCULATIONS

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as presented in the *BCI IV Harvill Industrial Center Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (4)

Construction related DPM emissions are expected to occur primarily as a function of heavy-duty construction equipment that would be operating on-site.

In addition, to support the Project development, there will be paving for off-site improvements associated with roadway construction and utility installation of the Project site. It is expected that the off-site construction activities would not take place at one location for the entire duration of construction. Impacts associated with these activities are not expected to exceed the emissions identified for Project-related construction activities since the off-site construction areas would have physical constraints on the amount of daily activity that could occur. The physical constraints would limit the amount of construction equipment that could be used, and any off-site and utility infrastructure construction would not use equipment totals that would exceed the equipment totals on Table 2-2. As such, no impacts beyond what has already been identified in this report are expected to occur.

³ Although the Project is required to comply with ARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, in person, with Jillian Wong, December 22, 2016), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

As discussed in the technical study, the Project would result in approximately 261 total working-days of construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Site Preparation	02/01/2023	02/21/2023	15
Grading	02/21/2023	03/31/2023	29
Building Construction	04/01/2023	09/30/2023	130
Paving	04/01/2023	11/30/2023	174
Architectural Coating	12/01/2023	01/31/2024	44

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Amount	Hours Per Day
Site Preparation	Rubber Tired Dozers	3	8
	Crawler Tractors	4	8
Grading	Graders	1	8
	Excavators	1	8
	Crawler Tractors	3	8
	Rubber Tired Dozers	1	8
	Scrapers	3	8
Building Construction	Forklifts	5	8
	Generator Sets	2	8
	Cranes	2	8
	Welders	2	8
	Crawler Tractors	5	8
Pavers	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Air Compressors	1	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



LEGEND:
N
Construction Activity

2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10 μ m in diameter (PM₁₀) generated with the 2021 version of the Emission FACTor model (EMFAC) developed by the CARB. EMFAC 2021 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (5). The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Several distinct emission processes are included in EMFAC 2021. Emission factors calculated using EMFAC 2021 are expressed in units of grams per vehicle miles traveled (g/VMT) or grams per idle-hour (g/idle-hr), depending on the emission process. The emission processes and corresponding emission factor units associated with diesel particulate exhaust for this Project are presented below.

For this Project, annual average PM₁₀ emission factors were generated by running EMFAC 2021 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

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

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2024 EMFAC 2021 run was conducted and a static 2024 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2024 emission factors would overstate potential impacts since this approach assumes that emission factors remain “static” and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2024. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 59.7% diesel, Medium-Heavy-Duty Trucks are comprised of 91.3% diesel, and Heavy-Heavy-Duty Trucks are comprised of 95.2% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (6):

$$\text{Emissions}_{\text{SpeedA}} \text{ (g/s)} = \text{EF}_{\text{RunExhaust}} \text{ (g/VMT)} * \text{Distance (VMT/trip)} * \text{Number of Trips (trips/day)} / \text{seconds per day}$$

Where:

$\text{Emissions}_{\text{SpeedA}}$ (g/s): Vehicle emissions at a given speed A;

$\text{EF}_{\text{RunExhaust}}$ (g/VMT): EMFAC running exhaust PM₁₀ emission factor at speed A;

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM₁₀ emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (6):

$$\text{Emissions}_{\text{idle}} \text{ (g/s)} = \text{EF}_{\text{idle}} \text{ (g/hr)} * \text{Number of Trips (trips/day)} * \text{Idling Time (min/trip)} * 60 \text{ minutes per hour} / \text{seconds per day}$$

Where:

$\text{Emissions}_{\text{idle}}$ (g/s): Vehicle emissions during idling;

EF_{idle} (g/s): EMFAC idle exhaust PM₁₀ emission factor.

TABLE 2-3: 2024 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Option A	
Speed	Weighted Average
0 (idling)	0.10215 (g/idle-hr)
5	0.02748 (g/s)
25	0.01069 (g/s)
Option B	
Speed	Weighted Average
0 (idling)	0.09967 (g/idle-hr)
5	0.02657 (g/s)
25	0.01054 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Table 2-4. The modeled emission sources are illustrated on Exhibit 2-B for on-site sources and Exhibit 2-C for off-site sources. The modeling domain is limited

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

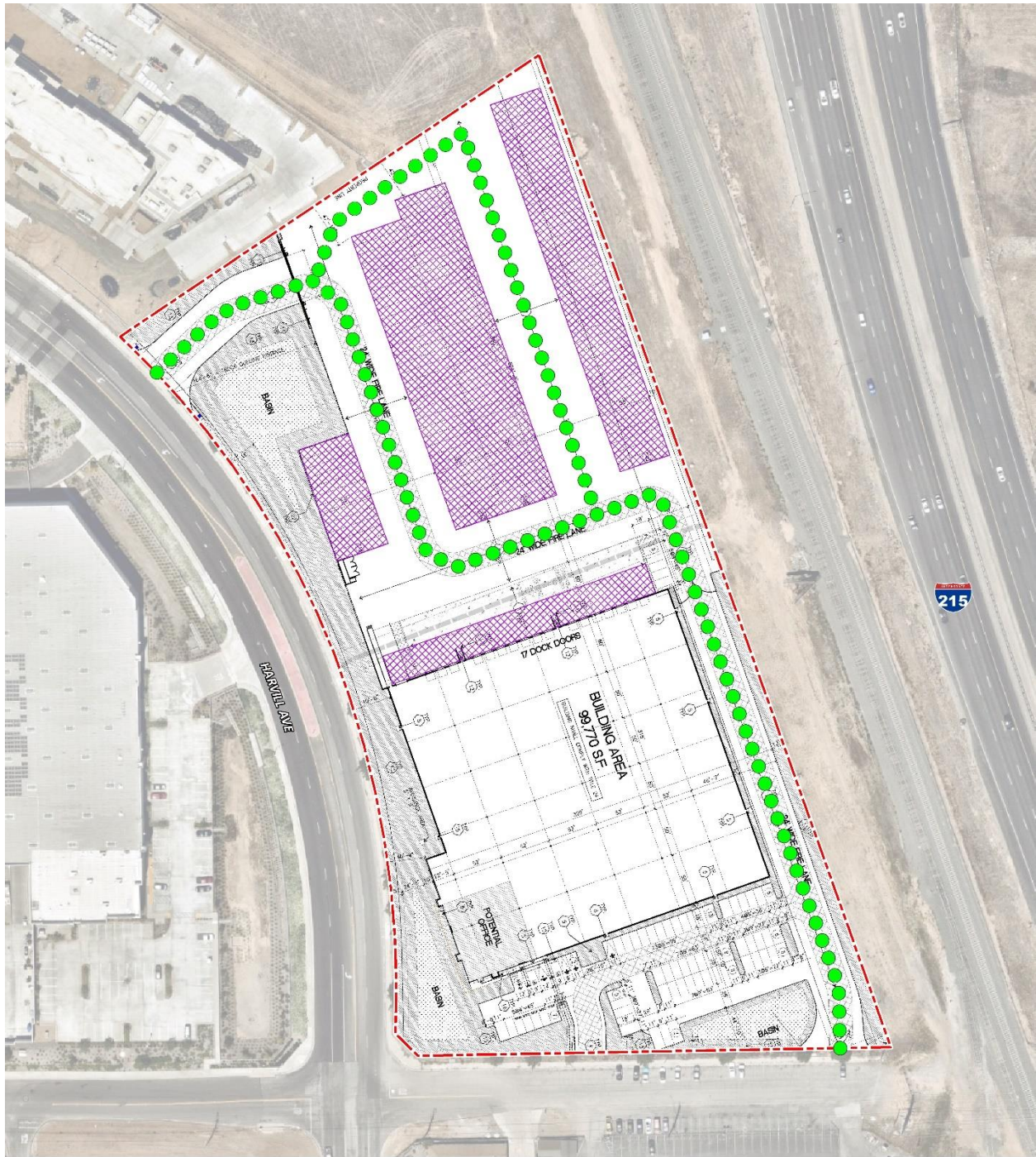


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



TABLE 2-4: OPTION A DPM EMISSIONS FROM PROJECT TRUCKS (2024 ANALYSIS YEAR)

Truck Emission Rates						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling (Loading Dock)	13			0.1021	0.33	3.843E-06
On-Site Idling (Truck Yard 40 Spaces)	14			0.1021	0.35	4.108E-06
On-Site Idling (Truck Yard 34 Spaces)	12			0.1021	0.30	3.492E-06
On-Site Idling (Truck Yard 32 Spaces)	11			0.1021	0.28	3.287E-06
On-Site Idling (Truck Yard 12 Spaces)	4			0.1021	0.11	1.232E-06
On-Site Travel (North)	108	11.90	0.0275		0.33	3.785E-06
On-Site Travel	108	27.56	0.0275		0.76	8.766E-06
Off-Site Travel - Cajalco Expressway 10% Inbound/Outbound	11	3.92	0.0107		0.04	4.853E-07
Off-Site Travel - Harvill Avenue 15% Inbound/Outbound	16	3.99	0.0107		0.04	4.942E-07
Off-Site Travel - Cajalco Expressway 15% Inbound/Outbound	16	3.53	0.0107		0.04	4.372E-07
Off-Site Travel - Harvill Avenue 40% Inbound/Outbound	43	9.66	0.0107		0.10	1.195E-06
Off-Site Travel - Harvill Avenue 25% Inbound/Outbound	27	3.96	0.0107		0.04	4.895E-07
Off-Site Travel - Cajalco Road 65% Inbound/Outbound	70	6.19	0.0107		0.07	7.654E-07
Off-Site Travel - Harvill Avenue 60% Inbound/Outbound	65	85.60	0.0107		0.92	1.059E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

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

TABLE 2-4: OPTION B DPM EMISSIONS FROM PROJECT TRUCKS (2024 ANALYSIS YEAR)

Truck Emission Rates						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling (Loading Dock)	30			0.0997	0.75	8.652E-06
On-Site Idling (Truck Yard 40 Spaces)	14			0.0997	0.35	4.009E-06
On-Site Idling (Truck Yard 34 Spaces)	12			0.0997	0.29	3.407E-06
On-Site Idling (Truck Yard 32 Spaces)	11			0.0997	0.28	3.207E-06
On-Site Idling (Truck Yard 12 Spaces)	4			0.0997	0.10	1.203E-06
On-Site Travel (North)	142	15.64	0.0266		0.42	4.812E-06
On-Site Travel	142	36.23	0.0266		0.96	1.114E-05
Off-Site Travel - Cajalco Expressway 10% Inbound/Outbound	14	5.16	0.0105		0.05	6.290E-07
Off-Site Travel - Harvill Avenue 15% Inbound/Outbound	21	5.25	0.0105		0.06	6.406E-07
Off-Site Travel - Cajalco Expressway 15% Inbound/Outbound	21	4.65	0.0105		0.05	5.667E-07
Off-Site Travel - Harvill Avenue 40% Inbound/Outbound	57	12.70	0.0105		0.13	1.549E-06
Off-Site Travel - Harvill Avenue 25% Inbound/Outbound	36	5.20	0.0105		0.05	6.345E-07
Off-Site Travel - Cajalco Road 65% Inbound/Outbound	92	8.13	0.0105		0.09	9.920E-07
Off-Site Travel - Harvill Avenue 60% Inbound/Outbound	85	112.55	0.0105		1.19	1.373E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

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

to the Project's primary truck route and includes off-site sources in the study area for more than $\frac{1}{4}$ mile. This modeling domain is more inclusive and conservative than using only a $\frac{1}{4}$ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a $\frac{1}{4}$ mile of the primary source of emissions (7) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

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

As summarized in the *BCI IV Harvill Industrial Center Traffic Analysis*, Option A is anticipated to generate a total of 594 total trips per day (297 vehicles inbound + 297 vehicles outbound) which includes 486 total passenger vehicle trips per day (243 passenger vehicles inbound + 243 passenger vehicles outbound) and 108 total truck trips per day (54 trucks inbound + 54 trucks outbound).

Option B is anticipated to generate a total of 278 total trips per day (139 vehicles inbound + 139 vehicles outbound) which includes 136 total passenger vehicle trips per day (68 passenger vehicles inbound + 68 passenger vehicles outbound) and 142 total truck trips per day (71 trucks inbound + 71 trucks outbound) (3).

2.3 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 10.2.1) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 21112 (9).

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

SCAQMD-recommended model parameters are presented in Table 2-5 (10). The model requires additional input parameters including emission data and local meteorology. Meteorological data

from the SCAQMD's Perris monitoring station was used to represent local weather conditions and prevailing winds (11).

TABLE 2-5: AERMOD MODEL PARAMETERS

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

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, each volume source location, and receptor locations in the Project site's vicinity. The AERMOD dispersion model summary output files for the proposed Project are presented in Appendix 2.3. Modeled sensitive receptors were placed at residential and non-residential locations.

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

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

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

Consistent with SCAQMD modeling guidance, all receptors were set to existing elevation height so that only ground-level concentrations are analyzed (12). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations (13).

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-8 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	1.00	0.93	260	8

TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1,090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER)

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

2.4 CARCINOGENIC CHEMICAL RISK

The SCAQMD [CEQA Air Quality Handbook](#) (1993) states that emissions of TACs are considered significant if a HRA shows an increased risk of greater than 10 in one million. Based on guidance from the SCAQMD in the document [Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis](#) (1), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the proposed Project.

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

Guidance from CARB and the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard

point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)⁻¹ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$\text{DOSE}_{\text{air}} = (\text{C}_{\text{air}} \times [\text{BR}/\text{BW}] \times \text{A} \times \text{EF}) \times (1 \times 10^{-6})$$

Where:

DOSE _{air}	=	chronic daily intake (mg/kg/day)
C _{air}	=	concentration of contaminant in air (ug/m ³)
[BR/BW] BW-day)	=	daily breathing rate normalized to body weight (L/kg)
A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1 x 10 ⁻⁶	=	conversion factors (ug to mg, L to m ³)

$$\text{RISK}_{\text{air}} = \text{DOSE}_{\text{air}} \times \text{CPF} \times \text{ED}/\text{AT}$$

Where:

DOSE _{air}	=	chronic daily intake (mg/kg/day)
CPF	=	cancer potency factor
ED	=	number of years within particular age group
AT	=	averaging time

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 µg/m³ (OEHHA Toxicity Criteria Database, <http://www.oehha.org/risk/chemicaldb/index.asp>).

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

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

$$\text{HI}_{\text{DPM}} = \text{C}_{\text{DPM}}/\text{REL}_{\text{DPM}}$$

Where:

- HI_{DPM} = Hazard Index; an expression of the potential for non-cancer health effects.
- C_{DPM} = Annual average DPM concentration ($\mu\text{g}/\text{m}^3$).
- REL_{DPM} = Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

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

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

CONSTRUCTION IMPACTS

Residential Exposure Scenario:

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R2, which is located approximately 413 feet southwest of the Project site at an existing residence located at 19542 Patterson Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R2 is placed at the building façade facing the Project site. At the Maximally Exposed Individual Receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 2.71 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario⁴:

The worker receptor land use with the greatest potential exposure to Project construction-source DPM emissions is Location R5, which represents the adjacent potential worker receptor approximately 95 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact attributable to Project construction is 0.46 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions

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

during Project construction and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

The nearest school is Val Verde High School, which is located approximately 757 feet east of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to Project construction is calculated to be 0.15 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R2 which is located approximately 413 feet southwest of the Project site at an existing residence located at 19542 Patterson Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R2 is placed at the building façade facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.31 in one million for Option A and 0.41 in one million for Option B, which are both less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 for Option A and Option B, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site than the MEIR analyzed herein, and TACs generally dissipate with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario⁵:

The worker receptor land use with the greatest potential exposure to Project operational-source DPM emissions is Location R4, which represents the potential worker receptor approximately 119 feet north of the Project site. At the Maximally Exposed Individual Worker (MEIW), the maximum incremental cancer risk impact is 0.18 in one million for Option A and 0.21 in one million for Option B, which are both less than the SCAQMD's threshold of 10 in one million.

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

Maximum non-cancer risks at this same location were estimated to be <0.01 for both Option A and Option B, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

The nearest school is Val Verde High School, which is located approximately 757 feet east of the Project site at Location R1. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.05 in one million for Option A and 0.06 in one million for Option B, which are both less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01 for both Option A and Option B, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children. The nearest modeled receptors are illustrated on Exhibit 2-D.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential increased cancer risk due to exposure to Project construction-source and operational-source DPM emissions is Location R2. At this location, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 2.86 in one million for Option A and 2.91 in one million for Option B, which are both less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 for both Option A and Option B, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

EXHIBIT 2-D: RECEPTOR LOCATIONS



LEGEND:
N
● Receptor Locations
—● Distance from receptor to Project site boundary (in feet)

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3 REFERENCES

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4 CERTIFICATIONS

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

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EDUCATION

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

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PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
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ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:
CALEEMOD OUTPUTS

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BCI IV Harvill Industrial Center (Construction - Unmitigated) Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	BCI IV Harvill Industrial Center (Construction - Unmitigated)
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	9.00
Location	33.84106820160365, -117.25207278942537
County	Riverside-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5479
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Heavy Industry	99.8	1000sqft	3.62	99,770	57,883	0.00	—	—
Parking Lot	73.0	Space	0.27	0.00	0.00	0.00	—	Standard Parking
Parking Lot	133	Space	1.68	0.00	0.00	0.00	—	Trailer Parking

Other Asphalt Surfaces	155	1000sqft	3.55	0.00	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.79	4.96	41.4	44.1	0.07	2.40	0.85	3.25	2.21	0.20	2.42	—	7,836	7,836	0.31	0.14	4.64	7,890
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.4	13.0	100	81.5	0.14	5.05	9.47	14.5	4.65	3.89	8.53	—	15,626	15,626	0.62	0.25	0.11	15,716
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.97	3.31	22.0	21.8	0.03	1.21	0.86	2.07	1.12	0.28	1.40	—	4,013	4,013	0.16	0.07	0.90	4,038
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.54	0.60	4.01	3.97	0.01	0.22	0.16	0.38	0.20	0.05	0.26	—	664	664	0.03	0.01	0.15	669

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	5.79	4.96	41.4	44.1	0.07	2.40	0.85	3.25	2.21	0.20	2.42	—	7,836	7,836	0.31	0.14	4.64	7,890
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	12.4	13.0	100	81.5	0.14	5.05	9.47	14.5	4.65	3.89	8.53	—	15,626	15,626	0.62	0.25	0.11	15,716
2024	0.22	13.0	1.21	1.53	< 0.005	0.04	0.10	0.14	0.04	0.02	0.06	—	178	178	0.01	< 0.005	—	179
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	2.97	3.31	22.0	21.8	0.03	1.21	0.86	2.07	1.12	0.28	1.40	—	4,013	4,013	0.16	0.07	0.90	4,038
2024	0.01	0.79	0.07	0.09	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.54	0.60	4.01	3.97	0.01	0.22	0.16	0.38	0.20	0.05	0.26	—	664	664	0.03	0.01	0.15	669
2024	< 0.005	0.14	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.79	1.79	< 0.005	< 0.005	—	1.79

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.83	4.90	47.0	38.0	0.05	2.53	—	2.53	2.33	—	2.33	—	5,530	5,530	0.22	0.04	—	5,549

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Dust From Material Movement:	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.20	1.93	1.56	< 0.005	0.10	—	0.10	0.10	—	0.10	—	227	227	0.01	< 0.005	—	228
Dust From Material Movement:	—	—	—	—	—	—	0.23	0.23	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.35	0.28	< 0.005	0.02	—	0.02	0.02	—	0.02	—	37.6	37.6	< 0.005	< 0.005	—	37.8
Dust From Material Movement:	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.24	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	243	243	0.01	0.01	0.03	246
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	62.9	62.9	< 0.005	0.01	< 0.005	65.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	10.1	10.1	< 0.005	< 0.005	0.02	10.3
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.58	2.58	< 0.005	< 0.005	< 0.005	2.70
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	1.67	1.67	< 0.005	< 0.005	< 0.005	1.70
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.30	5.30	52.0	40.5	0.08	2.51	—	2.51	2.30	—	2.30	—	8,817	8,817	0.36	0.07	—	8,848
Dust From Material Movement	—	—	—	—	—	—	3.08	3.08	—	1.02	1.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	4.13	3.22	0.01	0.20	—	0.20	0.18	—	0.18	—	701	701	0.03	0.01	—	703

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Dust From Material Movement:	—	—	—	—	—	—	0.24	0.24	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.75	0.59	< 0.005	0.04	—	0.04	0.03	—	0.03	—	116	116	< 0.005	< 0.005	—	116
Dust From Material Movement:	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.58	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	310	310	0.01	0.01	0.04	314
Vendor	< 0.005	< 0.005	0.12	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	94.3	94.3	< 0.005	0.01	0.01	98.5
Hauling	0.02	0.01	0.68	0.16	< 0.005	0.01	0.04	0.05	0.01	0.01	0.02	—	568	568	0.01	0.09	0.03	596
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	25.0	25.0	< 0.005	< 0.005	0.05	25.3
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.49	7.49	< 0.005	< 0.005	0.01	7.83
Hauling	< 0.005	< 0.005	0.05	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	45.1	45.1	< 0.005	0.01	0.04	47.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	4.14	4.14	< 0.005	< 0.005	0.01	4.19
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.24	1.24	< 0.005	< 0.005	< 0.005	1.30

Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.47	7.47	< 0.005	< 0.005	0.01	7.84
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3.5. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.40	3.69	32.6	28.8	0.05	1.99	—	1.99	1.83	—	1.83	—	5,110	5,110	0.21	0.04	—	5,128
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.57	1.31	11.6	10.2	0.02	0.71	—	0.71	0.65	—	0.65	—	1,820	1,820	0.07	0.01	—	1,826
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.12	1.87	< 0.005	0.13	—	0.13	0.12	—	0.12	—	301	301	0.01	< 0.005	—	302
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.22	0.22	3.81	0.00	0.00	0.03	0.03	0.00	0.00	0.00	—	617	617	0.03	0.02	2.65	627

Vendor	0.02	0.01	0.44	0.14	< 0.005	0.01	0.02	0.03	0.01	0.01	0.01	—	377	377	0.01	0.06	1.05	395
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.09	1.08	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	205	205	0.01	0.01	0.41	207
Vendor	0.01	< 0.005	0.17	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	134	134	< 0.005	0.02	0.16	140
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.20	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	33.9	33.9	< 0.005	< 0.005	0.07	34.3
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	22.2	22.2	< 0.005	< 0.005	0.03	23.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	0.88	8.06	10.0	0.01	0.41	—	0.41	0.38	—	0.38	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	1.04	0.88	8.06	10.0	0.01	0.41	—	0.41	0.38	—	0.38	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	3.84	4.78	0.01	0.20	—	0.20	0.18	—	0.18	—	721	721	0.03	0.01	—	723
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.70	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	119	119	< 0.005	< 0.005	—	120
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.36	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	220	220	0.01	0.01	0.94	224
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.09	1.03	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	202	202	0.01	0.01	0.02	205
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	97.8	97.8	< 0.005	< 0.005	0.19	99.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	16.2	16.2	< 0.005	< 0.005	0.03	16.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.20	1.25	1.54	< 0.005	0.05	—	0.05	0.05	—	0.05	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	12.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.8

BCI IV Harvill Industrial Center (Construction - Unmitigated) Custom Report, 7/20/2022

Architect Coatings	—	0.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.79	1.79	< 0.005	< 0.005	—	1.79
Architect ural Coatings	—	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.05	0.55	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	108	108	0.01	< 0.005	0.01	109
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	6.63	6.63	< 0.005	< 0.005	0.01	6.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	12.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.8
Architect ural Coatings	—	0.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.79	1.79	< 0.005	< 0.005	—	1.79
Architect ural Coatings	—	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
----------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	2/1/2023	2/21/2023	5.00	15.0	—
Grading	Grading	2/21/2023	3/31/2023	5.00	29.0	—
Building Construction	Building Construction	4/1/2023	9/30/2023	5.00	130	—
Paving	Paving	4/1/2023	11/30/2023	5.00	174	—
Architectural Coating	Architectural Coating	12/1/2023	1/31/2024	5.00	44.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	5.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Building Construction	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Grading	Scrapers	Diesel	Average	3.00	8.00	423	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT

Site Preparation	Onsite truck	0.00	0.00	HHDT
Grading	—	—	—	—
Grading	Worker	23.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	3.00	10.2	HHDT,MHDT
Grading	Hauling	8.00	20.0	HHDT
Grading	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	42.0	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	12.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	0.00	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	0.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	0.00	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	160,443	53,481	14,383

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	52.5	0.00	—
Grading	1,755	0.00	160	0.00	—
Paving	0.00	0.00	0.00	0.00	5.50

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Heavy Industry	0.00	0%
Parking Lot	0.27	100%
Parking Lot	1.68	100%
Other Asphalt Surfaces	3.55	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
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2023	0.00	532	0.03	< 0.005
2024	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Land Use	Total Project area is 9.13 acres
Construction: Construction Phases	Construction anticipated to begin February 1, 2023 and end January 31, 2024
Construction: Off-Road Equipment	Equipment based on equipment used for construction of similar projects
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Site Preparation, Grading, and Building Construction

Construction: Architectural Coatings

Rule 1113

APPENDIX 2.2:
EMFAC EMISSIONS SUMMARY

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Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Site Preparation	2.53	15	37.95	2.53	0.31625
Exhaust PM-10	Grading	2.51	29	72.79	2.51	0.31375
	Building Construction	1.99	130	258.7	1.99	0.24875
	Paving	0.41	174	71.34	0.41	0.05125
	Architectural Coatings	0.05	44	2.2	0.05	0.00625
		7.49	261	442.98	1.697241379	0.212155172
Off-Site	Site Preparation	5.00E-03	15	0.075	0.005	0.000625
Exhaust PM-10	Grading	1.50E-02	29	0.435	0.015	0.001875
	Building Construction	5.00E-03	130	0.65	0.005	0.000625
	Paving	0.00E+00	174	0	0	0
	Architectural Coatings	0.00E+00	44	0	0	0
		2.50E-02	261	1.16	0.004444444	0.000555556

	Phase	Start Date	End Date	No. Days
	Site Preparation	2/1/2023	2/21/2023	15
	Grading	2/21/2023	3/31/2023	29
	Building Construction	4/1/2023	9/30/2023	130
	Paving	4/1/2023	11/30/2023	174
	Arch Coatings	12/1/2023	1/31/2024	44
Total Days of Construction				261

**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2024**

Speed	LHD1	LHD2	MHD	HHD
0	0.364164	0.578609	0.062209	0.01271
5	0.048579	0.069107	0.036909	0.01206
25	0.022221	0.03303	0.009618	0.00621

Speed	Weighted Average Emissions
0	0.10215
5	0.02748
25	0.01069

Truck Emission Rates

Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling (Loading Dock)	13			0.1021	0.33	3.843E-06
On-Site Idling (Truck Yard 40 Spaces)	14			0.1021	0.35	4.108E-06
On-Site Idling (Truck Yard 34 Spaces)	12			0.1021	0.30	3.492E-06
On-Site Idling (Truck Yard 32 Spaces)	11			0.1021	0.28	3.287E-06
On-Site Idling (Truck Yard 12 Spaces)	4			0.1021	0.11	1.232E-06
On-Site Travel (North)	108	11.90	0.0275		0.33	3.785E-06
On-Site Travel	108	27.56	0.0275		0.76	8.766E-06
Off-Site Travel - Cajalco Expressway 10% Inbound/Outbound	11	3.92	0.0107		0.04	4.853E-07
Off-Site Travel - Harvill Avenue 15% Inbound/Outbound	16	3.99	0.0107		0.04	4.942E-07
Off-Site Travel - Cajalco Expressway 15% Inbound/Outbound	16	3.53	0.0107		0.04	4.372E-07
Off-Site Travel - Harvill Avenue 40% Inbound/Outbound	43	9.66	0.0107		0.10	1.195E-06
Off-Site Travel - Harvill Avenue 25% Inbound/Outbound	27	3.96	0.0107		0.04	4.895E-07
Off-Site Travel - Cajalco Road 65% Inbound/Outbound	70	6.19	0.0107		0.07	7.654E-07
Off-Site Travel - Harvill Avenue 60% Inbound/Outbound	65	85.60	0.0107		0.92	1.059E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

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

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2024	Annual	Riverside	(HHDT	Dsl	60	70	RUNEX	5	PM10	0.012665
2024	Annual	Riverside	(HHDT	Dsl	60	70	RUNEX	20	PM10	0.007272
2024	Annual	Riverside	(HHDT	Dsl			IDLEX		PM10	0.013354
2024	Annual	Riverside	(LHDT1	Dsl	60	70	RUNEX	5	PM10	0.105382
2024	Annual	Riverside	(LHDT1	Dsl	60	70	RUNEX	20	PM10	0.058373
2024	Annual	Riverside	(LHDT1	Dsl			IDLEX		PM10	0.789975
2024	Annual	Riverside	(LHDT2	Dsl	60	70	RUNEX	5	PM10	0.094294
2024	Annual	Riverside	(LHDT2	Dsl	60	70	RUNEX	20	PM10	0.054248
2024	Annual	Riverside	(LHDT2	Dsl			IDLEX		PM10	0.789487
2024	Annual	Riverside	(MHDT	Dsl	60	70	RUNEX	5	PM10	0.040436
2024	Annual	Riverside	(MHDT	Dsl	60	70	RUNEX	20	PM10	0.013641
2024	Annual	Riverside	(MHDT	Dsl			IDLEX		PM10	0.068154

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar	Vehicle C	Model Ye	Speed	Fuel	Population
Riverside	2024	HHDT	Aggregate	Aggregate	Gasoline	7.58948
Riverside	2024	HHDT	Aggregate	Aggregate	Diesel	14792
Riverside	2024	HHDT	Aggregate	Aggregate	Natural G	740.071
Riverside	2024	LHDT1	Aggregate	Aggregate	Gasoline	17828.7
Riverside	2024	LHDT1	Aggregate	Aggregate	Diesel	15247.6
Riverside	2024	LHDT2	Aggregate	Aggregate	Gasoline	2494.68
Riverside	2024	LHDT2	Aggregate	Aggregate	Diesel	6844.93
Riverside	2024	MHDT	Aggregate	Aggregate	Gasoline	1238
Riverside	2024	MHDT	Aggregate	Aggregate	Diesel	12954.4
Riverside	2024	MHDT	Aggregate	Aggregate	Natural G	158.047

HHDT% GAS/NG	0.04811
HHDT% DSL	0.95189
LHDT1% GAS	0.53902
LHDT1% DSL	0.46098
LHDT2% GAS	0.26711
LHDT2% DSL	0.73289
MHDT% GAS	0.08723
MHDT% DSL	0.91277

**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2024 - WH LU Option**

Speed	LHD1	LHD2	MHD	HHD
0	0.364164	0.578609	0.062209	0.01271
5	0.048579	0.069107	0.036909	0.01206
25	0.022221	0.03303	0.009618	0.00621

Speed	Weighted Average Emissions
0	0.09967
5	0.02657
25	0.01054

Truck Emission Rates - Warehouse LU Option						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling (Loading Dock)	30			0.0997	0.75	8.652E-06
On-Site Idling (Truck Yard 40 Spaces)	14			0.0997	0.35	4.009E-06
On-Site Idling (Truck Yard 34 Spaces)	12			0.0997	0.29	3.407E-06
On-Site Idling (Truck Yard 32 Spaces)	11			0.0997	0.28	3.207E-06
On-Site Idling (Truck Yard 12 Spaces)	4			0.0997	0.10	1.203E-06
On-Site Travel (North)	142	15.64	0.0266		0.42	4.812E-06
On-Site Travel	142	36.23	0.0266		0.96	1.114E-05
Off-Site Travel - Cajalco Expressway 10% Inbound/Outbound	14	5.16	0.0105		0.05	6.290E-07
Off-Site Travel - Harvill Avenue 15% Inbound/Outbound	21	5.25	0.0105		0.06	6.406E-07
Off-Site Travel - Cajalco Expressway 15% Inbound/Outbound	21	4.65	0.0105		0.05	5.667E-07
Off-Site Travel - Harvill Avenue 40% Inbound/Outbound	57	12.70	0.0105		0.13	1.549E-06
Off-Site Travel - Harvill Avenue 25% Inbound/Outbound	36	5.20	0.0105		0.05	6.345E-07
Off-Site Travel - Cajalco Road 65% Inbound/Outbound	92	8.13	0.0105		0.09	9.920E-07
Off-Site Travel - Harvill Avenue 60% Inbound/Outbound	85	112.55	0.0105		1.19	1.373E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

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

APPENDIX 2.3:
AERMOD MODEL INPUT/OUTPUT

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**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 7/27/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231 Construction\14231
Construction.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14231 Construction.err"
CO FINISHED

**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

LOCATION	VOL	VOLUME	X Coord.	Y Coord.
LOCATION VOL1	VOLUME	476665.578	3744414.537	459.000
LOCATION VOL2	VOLUME	476696.544	3744424.006	458.440
LOCATION VOL3	VOLUME	476726.786	3744444.411	458.000
LOCATION VOL4	VOLUME	476758.121	3744466.637	457.390
LOCATION VOL5	VOLUME	476769.780	3744481.575	457.000
LOCATION VOL6	VOLUME	476744.275	3744456.799	457.850
LOCATION VOL7	VOLUME	476712.940	3744435.666	458.000
LOCATION VOL8	VOLUME	476692.900	3744392.671	458.560
LOCATION VOL9	VOLUME	476724.600	3744403.602	457.550
LOCATION VOL10	VOLUME	476744.639	3744424.006	457.500
LOCATION VOL11	VOLUME	476775.246	3744435.666	457.000
LOCATION VOL12	VOLUME	476782.169	3744449.512	457.000
LOCATION VOL13	VOLUME	476789.092	3744417.812	457.000
LOCATION VOL14	VOLUME	476756.663	3744403.602	457.040
LOCATION VOL15	VOLUME	476798.565	3744386.113	457.000
LOCATION VOL16	VOLUME	476767.230	3744385.748	457.060
LOCATION VOL17	VOLUME	476735.530	3744371.903	458.020
LOCATION VOL18	VOLUME	476704.924	3744371.538	458.290
LOCATION VOL19	VOLUME	476721.320	3744339.475	458.620
LOCATION VOL20	VOLUME	476753.384	3744353.320	457.550
LOCATION VOL21	VOLUME	476785.084	3744354.413	457.000
LOCATION VOL22	VOLUME	476815.690	3744354.778	457.000
LOCATION VOL23	VOLUME	476824.070	3744322.350	457.000
LOCATION VOL24	VOLUME	476792.371	3744323.443	457.000
LOCATION VOL25	VOLUME	476760.307	3744323.078	457.320
LOCATION VOL26	VOLUME	476728.972	3744322.350	458.360
LOCATION VOL27	VOLUME	476736.624	3744291.743	458.110
LOCATION VOL28	VOLUME	476768.687	3744291.379	457.040
LOCATION VOL29	VOLUME	476800.022	3744292.108	457.000
LOCATION VOL30	VOLUME	476832.451	3744291.379	457.000

LOCATION	VOL	VOLUME	476848.847	3744260.408	457.000
LOCATION VOL31	VOLUME	476848.847	3744260.408	457.000	
LOCATION VOL32	VOLUME	476817.876	3744260.044	457.000	
LOCATION VOL33	VOLUME	476785.812	3744260.408	457.860	
LOCATION VOL34	VOLUME	476754.113	3744260.408	457.930	
LOCATION VOL35	VOLUME	476744.275	3744260.408	457.980	
LOCATION VOL36	VOLUME	476747.190	3744228.344	458.700	
LOCATION VOL37	VOLUME	476779.618	3744229.073	458.000	
LOCATION VOL38	VOLUME	476810.589	3744228.709	457.590	
LOCATION VOL39	VOLUME	476841.924	3744228.344	457.000	
LOCATION VOL40	VOLUME	476859.413	3744227.980	457.000	
LOCATION VOL41	VOLUME	476867.429	3744209.398	457.000	
LOCATION VOL42	VOLUME	476835.730	3744208.669	457.000	
LOCATION VOL43	VOLUME	476804.030	3744207.940	457.860	
LOCATION VOL44	VOLUME	476772.331	3744207.211	458.000	
LOCATION VOL45	VOLUME	476749.376	3744206.483	458.680	

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE1

** DESCRSRC

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0000699989

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 18

** 476725.176, 3744191.628, 459.56, 3.49, 6.51

** 476724.083, 3744220.778, 459.18, 3.49, 6.51

** 476719.346, 3744263.044, 458.86, 3.49, 6.51

** 476708.415, 3744300.938, 459.01, 3.49, 6.51

** 476691.290, 3744339.196, 459.20, 3.49, 6.51

** 476667.970, 3744375.997, 459.37, 3.49, 6.51

** 476632.991, 3744410.976, 459.66, 3.49, 6.51

** 476598.012, 3744436.117, 460.04, 3.49, 6.51

** 476499.269, 3744506.075, 461.93, 3.49, 6.51

** 476357.167, 3744604.454, 463.00, 3.49, 6.51

** 476377.572, 3744639.797, 462.12, 3.49, 6.51

** 476424.575, 3744689.715, 461.59, 3.49, 6.51

** 476464.655, 3744725.059, 460.70, 3.49, 6.51

** 476505.099, 3744750.564, 460.00, 3.49, 6.51

** 476571.049, 3744785.543, 458.82, 3.49, 6.51

** 476636.635, 3744809.591, 458.00, 3.49, 6.51

** 476736.471, 3744846.028, 457.00, 3.49, 6.51

** 476857.076, 3744890.845, 456.00, 3.49, 6.51

** -----

LOCATION L0000001	VOLUME	476724.913	3744198.623	459.46	
LOCATION L0000002	VOLUME	476724.389	3744212.614	459.23	
LOCATION L0000003	VOLUME	476723.433	3744226.572	458.99	
LOCATION L0000004	VOLUME	476721.874	3744240.485	458.81	
LOCATION L0000005	VOLUME	476720.315	3744254.397	458.67	
LOCATION L0000006	VOLUME	476717.877	3744268.136	458.73	
LOCATION L0000007	VOLUME	476713.997	3744281.587	458.86	
LOCATION L0000008	VOLUME	476710.117	3744295.039	458.99	
LOCATION L0000009	VOLUME	476705.204	3744308.112	459.15	
LOCATION L0000010	VOLUME	476699.484	3744320.891	459.29	
LOCATION L0000011	VOLUME	476693.764	3744333.669	459.22	
LOCATION L0000012	VOLUME	476687.038	3744345.907	459.01	
LOCATION L0000013	VOLUME	476679.544	3744357.732	459.01	
LOCATION L0000014	VOLUME	476672.051	3744369.558	459.26	
LOCATION L0000015	VOLUME	476663.461	3744380.506	459.47	
LOCATION L0000016	VOLUME	476653.562	3744390.406	459.46	
LOCATION L0000017	VOLUME	476643.662	3744400.305	459.36	
LOCATION L0000018	VOLUME	476633.763	3744410.205	459.54	
LOCATION L0000019	VOLUME	476622.509	3744418.510	459.91	
LOCATION L0000020	VOLUME	476611.141	3744426.681	460.00	
LOCATION L0000021	VOLUME	476599.773	3744434.852	460.00	

LOCATION L0000022	VOLUME	476588.358	3744442.958	460.05
LOCATION L0000023	VOLUME	476576.934	3744451.051	460.43
LOCATION L0000024	VOLUME	476565.511	3744459.144	460.81
LOCATION L0000025	VOLUME	476554.087	3744467.238	461.00
LOCATION L0000026	VOLUME	476542.664	3744475.331	461.00
LOCATION L0000027	VOLUME	476531.240	3744483.425	461.00
LOCATION L0000028	VOLUME	476519.817	3744491.518	461.33
LOCATION L0000029	VOLUME	476508.393	3744499.611	461.63
LOCATION L0000030	VOLUME	476496.952	3744507.680	461.65
LOCATION L0000031	VOLUME	476485.441	3744515.649	461.66
LOCATION L0000032	VOLUME	476473.931	3744523.618	461.88
LOCATION L0000033	VOLUME	476462.420	3744531.587	462.00
LOCATION L0000034	VOLUME	476450.909	3744539.556	462.00
LOCATION L0000035	VOLUME	476439.399	3744547.525	462.00
LOCATION L0000036	VOLUME	476427.888	3744555.493	462.01
LOCATION L0000037	VOLUME	476416.377	3744563.462	462.00
LOCATION L0000038	VOLUME	476404.866	3744571.431	462.17
LOCATION L0000039	VOLUME	476393.356	3744579.400	462.55
LOCATION L0000040	VOLUME	476381.845	3744587.369	462.93
LOCATION L0000041	VOLUME	476370.334	3744595.338	463.00
LOCATION L0000042	VOLUME	476358.824	3744603.307	463.00
LOCATION L0000043	VOLUME	476363.160	3744614.834	463.00
LOCATION L0000044	VOLUME	476370.159	3744626.958	462.76
LOCATION L0000045	VOLUME	476377.159	3744639.083	462.31
LOCATION L0000046	VOLUME	476386.603	3744649.389	462.00
LOCATION L0000047	VOLUME	476396.201	3744659.582	462.00
LOCATION L0000048	VOLUME	476405.798	3744669.774	462.00
LOCATION L0000049	VOLUME	476415.396	3744679.967	461.81
LOCATION L0000050	VOLUME	476425.032	3744690.119	461.49
LOCATION L0000051	VOLUME	476435.533	3744699.378	461.14
LOCATION L0000052	VOLUME	476446.033	3744708.638	460.81
LOCATION L0000053	VOLUME	476456.534	3744717.898	460.66
LOCATION L0000054	VOLUME	476467.338	3744726.751	460.71
LOCATION L0000055	VOLUME	476479.180	3744734.219	460.64
LOCATION L0000056	VOLUME	476491.022	3744741.687	460.24
LOCATION L0000057	VOLUME	476502.864	3744749.155	460.00
LOCATION L0000058	VOLUME	476515.133	3744755.886	460.00
LOCATION L0000059	VOLUME	476527.501	3744762.446	460.00
LOCATION L0000060	VOLUME	476539.869	3744769.006	459.67
LOCATION L0000061	VOLUME	476552.237	3744775.565	459.25
LOCATION L0000062	VOLUME	476564.605	3744782.125	458.84
LOCATION L0000063	VOLUME	476577.345	3744787.852	458.42
LOCATION L0000064	VOLUME	476590.489	3744792.671	458.00
LOCATION L0000065	VOLUME	476603.633	3744797.491	458.00
LOCATION L0000066	VOLUME	476616.778	3744802.310	458.00
LOCATION L0000067	VOLUME	476629.922	3744807.130	457.88
LOCATION L0000068	VOLUME	476643.070	3744811.940	457.59
LOCATION L0000069	VOLUME	476656.221	3744816.740	457.25
LOCATION L0000070	VOLUME	476669.373	3744821.539	457.05
LOCATION L0000071	VOLUME	476682.524	3744826.339	457.00
LOCATION L0000072	VOLUME	476695.676	3744831.139	457.00
LOCATION L0000073	VOLUME	476708.827	3744835.939	457.00
LOCATION L0000074	VOLUME	476721.979	3744840.739	457.00
LOCATION L0000075	VOLUME	476735.130	3744845.539	457.00
LOCATION L0000076	VOLUME	476748.256	3744850.407	457.00
LOCATION L0000077	VOLUME	476761.379	3744855.284	457.00
LOCATION L0000078	VOLUME	476774.503	3744860.161	457.00
LOCATION L0000079	VOLUME	476787.626	3744865.037	457.00
LOCATION L0000080	VOLUME	476800.749	3744869.914	456.00
LOCATION L0000081	VOLUME	476813.872	3744874.790	456.00
LOCATION L0000082	VOLUME	476826.995	3744879.667	456.00
LOCATION L0000083	VOLUME	476840.119	3744884.544	456.00
LOCATION L0000084	VOLUME	476853.242	3744889.420	456.00

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

SRCPARAM VOL1 0.0005940244 5.000 7.288 1.400


```

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL2      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL3      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL4      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL5      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0

```


EMISFACT L0000075 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

INCLUDED "14231 Construction.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING

SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

```
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "14231 CONSTRUCTION.AD\AN00GALL.PLT" 31
   SUMMFILE "14231 Construction.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 7/27/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231 Construction\14231
Construction.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14231 Construction.err"
CO FINISHED

**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **

** Source ID	- Type	- X Coord.	- Y Coord.	**
LOCATION VOL1	VOLUME	476665.578	3744414.537	459.000
LOCATION VOL2	VOLUME	476696.544	3744424.006	458.440
LOCATION VOL3	VOLUME	476726.786	3744444.411	458.000
LOCATION VOL4	VOLUME	476758.121	3744466.637	457.390
LOCATION VOL5	VOLUME	476769.780	3744481.575	457.000
LOCATION VOL6	VOLUME	476744.275	3744456.799	457.850
LOCATION VOL7	VOLUME	476712.940	3744435.666	458.000
LOCATION VOL8	VOLUME	476692.900	3744392.671	458.560
LOCATION VOL9	VOLUME	476724.600	3744403.602	457.550
LOCATION VOL10	VOLUME	476744.639	3744424.006	457.500
LOCATION VOL11	VOLUME	476775.246	3744435.666	457.000
LOCATION VOL12	VOLUME	476782.169	3744449.512	457.000
LOCATION VOL13	VOLUME	476789.092	3744417.812	457.000
LOCATION VOL14	VOLUME	476756.663	3744403.602	457.040
LOCATION VOL15	VOLUME	476798.565	3744386.113	457.000
LOCATION VOL16	VOLUME	476767.230	3744385.748	457.060
LOCATION VOL17	VOLUME	476735.530	3744371.903	458.020
LOCATION VOL18	VOLUME	476704.924	3744371.538	458.290
LOCATION VOL19	VOLUME	476721.320	3744339.475	458.620
LOCATION VOL20	VOLUME	476753.384	3744353.320	457.550
LOCATION VOL21	VOLUME	476785.084	3744354.413	457.000
LOCATION VOL22	VOLUME	476815.690	3744354.778	457.000
LOCATION VOL23	VOLUME	476824.070	3744322.350	457.000
LOCATION VOL24	VOLUME	476792.371	3744323.443	457.000
LOCATION VOL25	VOLUME	476760.307	3744323.078	457.320
LOCATION VOL26	VOLUME	476728.972	3744322.350	458.360
LOCATION VOL27	VOLUME	476736.624	3744291.743	458.110
LOCATION VOL28	VOLUME	476768.687	3744291.379	457.040
LOCATION VOL29	VOLUME	476800.022	3744292.108	457.000
LOCATION VOL30	VOLUME	476832.451	3744291.379	457.000

LOCATION	VOL	VOLUME	476848.847	3744260.408	457.000
LOCATION VOL31	VOLUME	476848.847	3744260.408	457.000	
LOCATION VOL32	VOLUME	476817.876	3744260.044	457.000	
LOCATION VOL33	VOLUME	476785.812	3744260.408	457.860	
LOCATION VOL34	VOLUME	476754.113	3744260.408	457.930	
LOCATION VOL35	VOLUME	476744.275	3744260.408	457.980	
LOCATION VOL36	VOLUME	476747.190	3744228.344	458.700	
LOCATION VOL37	VOLUME	476779.618	3744229.073	458.000	
LOCATION VOL38	VOLUME	476810.589	3744228.709	457.590	
LOCATION VOL39	VOLUME	476841.924	3744228.344	457.000	
LOCATION VOL40	VOLUME	476859.413	3744227.980	457.000	
LOCATION VOL41	VOLUME	476867.429	3744209.398	457.000	
LOCATION VOL42	VOLUME	476835.730	3744208.669	457.000	
LOCATION VOL43	VOLUME	476804.030	3744207.940	457.860	
LOCATION VOL44	VOLUME	476772.331	3744207.211	458.000	
LOCATION VOL45	VOLUME	476749.376	3744206.483	458.680	

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE1

** DESCRSRC

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0000699989

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 18

** 476725.176, 3744191.628, 459.56, 3.49, 6.51

** 476724.083, 3744220.778, 459.18, 3.49, 6.51

** 476719.346, 3744263.044, 458.86, 3.49, 6.51

** 476708.415, 3744300.938, 459.01, 3.49, 6.51

** 476691.290, 3744339.196, 459.20, 3.49, 6.51

** 476667.970, 3744375.997, 459.37, 3.49, 6.51

** 476632.991, 3744410.976, 459.66, 3.49, 6.51

** 476598.012, 3744436.117, 460.04, 3.49, 6.51

** 476499.269, 3744506.075, 461.93, 3.49, 6.51

** 476357.167, 3744604.454, 463.00, 3.49, 6.51

** 476377.572, 3744639.797, 462.12, 3.49, 6.51

** 476424.575, 3744689.715, 461.59, 3.49, 6.51

** 476464.655, 3744725.059, 460.70, 3.49, 6.51

** 476505.099, 3744750.564, 460.00, 3.49, 6.51

** 476571.049, 3744785.543, 458.82, 3.49, 6.51

** 476636.635, 3744809.591, 458.00, 3.49, 6.51

** 476736.471, 3744846.028, 457.00, 3.49, 6.51

** 476857.076, 3744890.845, 456.00, 3.49, 6.51

** -----

LOCATION L0000001	VOLUME	476724.913	3744198.623	459.46	
LOCATION L0000002	VOLUME	476724.389	3744212.614	459.23	
LOCATION L0000003	VOLUME	476723.433	3744226.572	458.99	
LOCATION L0000004	VOLUME	476721.874	3744240.485	458.81	
LOCATION L0000005	VOLUME	476720.315	3744254.397	458.67	
LOCATION L0000006	VOLUME	476717.877	3744268.136	458.73	
LOCATION L0000007	VOLUME	476713.997	3744281.587	458.86	
LOCATION L0000008	VOLUME	476710.117	3744295.039	458.99	
LOCATION L0000009	VOLUME	476705.204	3744308.112	459.15	
LOCATION L0000010	VOLUME	476699.484	3744320.891	459.29	
LOCATION L0000011	VOLUME	476693.764	3744333.669	459.22	
LOCATION L0000012	VOLUME	476687.038	3744345.907	459.01	
LOCATION L0000013	VOLUME	476679.544	3744357.732	459.01	
LOCATION L0000014	VOLUME	476672.051	3744369.558	459.26	
LOCATION L0000015	VOLUME	476663.461	3744380.506	459.47	
LOCATION L0000016	VOLUME	476653.562	3744390.406	459.46	
LOCATION L0000017	VOLUME	476643.662	3744400.305	459.36	
LOCATION L0000018	VOLUME	476633.763	3744410.205	459.54	
LOCATION L0000019	VOLUME	476622.509	3744418.510	459.91	
LOCATION L0000020	VOLUME	476611.141	3744426.681	460.00	
LOCATION L0000021	VOLUME	476599.773	3744434.852	460.00	

LOCATION L0000022	VOLUME	476588.358	3744442.958	460.05
LOCATION L0000023	VOLUME	476576.934	3744451.051	460.43
LOCATION L0000024	VOLUME	476565.511	3744459.144	460.81
LOCATION L0000025	VOLUME	476554.087	3744467.238	461.00
LOCATION L0000026	VOLUME	476542.664	3744475.331	461.00
LOCATION L0000027	VOLUME	476531.240	3744483.425	461.00
LOCATION L0000028	VOLUME	476519.817	3744491.518	461.33
LOCATION L0000029	VOLUME	476508.393	3744499.611	461.63
LOCATION L0000030	VOLUME	476496.952	3744507.680	461.65
LOCATION L0000031	VOLUME	476485.441	3744515.649	461.66
LOCATION L0000032	VOLUME	476473.931	3744523.618	461.88
LOCATION L0000033	VOLUME	476462.420	3744531.587	462.00
LOCATION L0000034	VOLUME	476450.909	3744539.556	462.00
LOCATION L0000035	VOLUME	476439.399	3744547.525	462.00
LOCATION L0000036	VOLUME	476427.888	3744555.493	462.01
LOCATION L0000037	VOLUME	476416.377	3744563.462	462.00
LOCATION L0000038	VOLUME	476404.866	3744571.431	462.17
LOCATION L0000039	VOLUME	476393.356	3744579.400	462.55
LOCATION L0000040	VOLUME	476381.845	3744587.369	462.93
LOCATION L0000041	VOLUME	476370.334	3744595.338	463.00
LOCATION L0000042	VOLUME	476358.824	3744603.307	463.00
LOCATION L0000043	VOLUME	476363.160	3744614.834	463.00
LOCATION L0000044	VOLUME	476370.159	3744626.958	462.76
LOCATION L0000045	VOLUME	476377.159	3744639.083	462.31
LOCATION L0000046	VOLUME	476386.603	3744649.389	462.00
LOCATION L0000047	VOLUME	476396.201	3744659.582	462.00
LOCATION L0000048	VOLUME	476405.798	3744669.774	462.00
LOCATION L0000049	VOLUME	476415.396	3744679.967	461.81
LOCATION L0000050	VOLUME	476425.032	3744690.119	461.49
LOCATION L0000051	VOLUME	476435.533	3744699.378	461.14
LOCATION L0000052	VOLUME	476446.033	3744708.638	460.81
LOCATION L0000053	VOLUME	476456.534	3744717.898	460.66
LOCATION L0000054	VOLUME	476467.338	3744726.751	460.71
LOCATION L0000055	VOLUME	476479.180	3744734.219	460.64
LOCATION L0000056	VOLUME	476491.022	3744741.687	460.24
LOCATION L0000057	VOLUME	476502.864	3744749.155	460.00
LOCATION L0000058	VOLUME	476515.133	3744755.886	460.00
LOCATION L0000059	VOLUME	476527.501	3744762.446	460.00
LOCATION L0000060	VOLUME	476539.869	3744769.006	459.67
LOCATION L0000061	VOLUME	476552.237	3744775.565	459.25
LOCATION L0000062	VOLUME	476564.605	3744782.125	458.84
LOCATION L0000063	VOLUME	476577.345	3744787.852	458.42
LOCATION L0000064	VOLUME	476590.489	3744792.671	458.00
LOCATION L0000065	VOLUME	476603.633	3744797.491	458.00
LOCATION L0000066	VOLUME	476616.778	3744802.310	458.00
LOCATION L0000067	VOLUME	476629.922	3744807.130	457.88
LOCATION L0000068	VOLUME	476643.070	3744811.940	457.59
LOCATION L0000069	VOLUME	476656.221	3744816.740	457.25
LOCATION L0000070	VOLUME	476669.373	3744821.539	457.05
LOCATION L0000071	VOLUME	476682.524	3744826.339	457.00
LOCATION L0000072	VOLUME	476695.676	3744831.139	457.00
LOCATION L0000073	VOLUME	476708.827	3744835.939	457.00
LOCATION L0000074	VOLUME	476721.979	3744840.739	457.00
LOCATION L0000075	VOLUME	476735.130	3744845.539	457.00
LOCATION L0000076	VOLUME	476748.256	3744850.407	457.00
LOCATION L0000077	VOLUME	476761.379	3744855.284	457.00
LOCATION L0000078	VOLUME	476774.503	3744860.161	457.00
LOCATION L0000079	VOLUME	476787.626	3744865.037	457.00
LOCATION L0000080	VOLUME	476800.749	3744869.914	456.00
LOCATION L0000081	VOLUME	476813.872	3744874.790	456.00
LOCATION L0000082	VOLUME	476826.995	3744879.667	456.00
LOCATION L0000083	VOLUME	476840.119	3744884.544	456.00
LOCATION L0000084	VOLUME	476853.242	3744889.420	456.00

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

SRCPARAM VOL1 0.0005940244 5.000 7.288 1.400


```

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL2      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL3      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL4      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL5      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL5      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0

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EMISFACT L0000075 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000082 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000083 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000084 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

INCLUDED "14231 Construction.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING

SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

** Auto-Generated Plotfiles

PLOTFILE ANNUAL ALL "14231 CONSTRUCTION.AD\AN00GALL.PLT" 31

SUMMFILE "14231 Construction.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 2042 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2042 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

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

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 129 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

- ADJ_U* - Use ADJ_U* option for SBL in AERMET
- CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 129 Source(s); 1 Source Group(s); and 62 Receptor(s)

with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
 and: 129 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)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
 Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

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

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14231

Construction.err

**File for Summary of Results: 14231

Construction.sum

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
VOL1			0	0.59402E-03	476665.6	3744414.5	459.0	5.00	7.29	1.40
YES	HRDOW									
VOL2			0	0.59402E-03	476696.5	3744424.0	458.4	5.00	7.29	1.40
YES	HRDOW									
VOL3			0	0.59402E-03	476726.8	3744444.4	458.0	5.00	7.29	1.40
YES	HRDOW									
VOL4			0	0.59402E-03	476758.1	3744466.6	457.4	5.00	7.29	1.40
YES	HRDOW									
VOL5			0	0.59402E-03	476769.8	3744481.6	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL6			0	0.59402E-03	476744.3	3744456.8	457.9	5.00	7.29	1.40
YES	HRDOW									
VOL7			0	0.59402E-03	476712.9	3744435.7	458.0	5.00	7.29	1.40
YES	HRDOW									
VOL8			0	0.59402E-03	476692.9	3744392.7	458.6	5.00	7.29	1.40
YES	HRDOW									
VOL9			0	0.59402E-03	476724.6	3744403.6	457.6	5.00	7.29	1.40
YES	HRDOW									
VOL10			0	0.59402E-03	476744.6	3744424.0	457.5	5.00	7.29	1.40
YES	HRDOW									
VOL11			0	0.59402E-03	476775.2	3744435.7	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL12			0	0.59402E-03	476782.2	3744449.5	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL13			0	0.59402E-03	476789.1	3744417.8	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL14			0	0.59402E-03	476756.7	3744403.6	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL15			0	0.59402E-03	476798.6	3744386.1	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL16			0	0.59402E-03	476767.2	3744385.7	457.1	5.00	7.29	1.40
YES	HRDOW									
VOL17			0	0.59402E-03	476735.5	3744371.9	458.0	5.00	7.29	1.40
YES	HRDOW									
VOL18			0	0.59402E-03	476704.9	3744371.5	458.3	5.00	7.29	1.40
YES	HRDOW									
VOL19			0	0.59402E-03	476721.3	3744339.5	458.6	5.00	7.29	1.40
YES	HRDOW									
VOL20			0	0.59402E-03	476753.4	3744353.3	457.6	5.00	7.29	1.40
YES	HRDOW									
VOL21			0	0.59402E-03	476785.1	3744354.4	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL22			0	0.59402E-03	476815.7	3744354.8	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL23			0	0.59402E-03	476824.1	3744322.3	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL24			0	0.59402E-03	476792.4	3744323.4	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL25			0	0.59402E-03	476760.3	3744323.1	457.3	5.00	7.29	1.40
YES	HRDOW									
VOL26			0	0.59402E-03	476729.0	3744322.3	458.4	5.00	7.29	1.40
YES	HRDOW									
VOL27			0	0.59402E-03	476736.6	3744291.7	458.1	5.00	7.29	1.40
YES	HRDOW									
VOL28			0	0.59402E-03	476768.7	3744291.4	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL29			0	0.59402E-03	476800.0	3744292.1	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL30			0	0.59402E-03	476832.5	3744291.4	457.0	5.00	7.29	1.40
YES	HRDOW									
VOL31			0	0.59402E-03	476848.8	3744260.4	457.0	5.00	7.29	1.40

YES	HRDOW								
VOL32		0	0.59402E-03	476817.9	3744260.0	457.0	5.00	7.29	1.40
YES	HRDOW								
VOL33		0	0.59402E-03	476785.8	3744260.4	457.9	5.00	7.29	1.40
YES	HRDOW								
VOL34		0	0.59402E-03	476754.1	3744260.4	457.9	5.00	7.29	1.40
YES	HRDOW								
VOL35		0	0.59402E-03	476744.3	3744260.4	458.0	5.00	7.29	1.40
YES	HRDOW								
VOL36		0	0.59402E-03	476747.2	3744228.3	458.7	5.00	7.29	1.40
YES	HRDOW								
VOL37		0	0.59402E-03	476779.6	3744229.1	458.0	5.00	7.29	1.40
YES	HRDOW								
VOL38		0	0.59402E-03	476810.6	3744228.7	457.6	5.00	7.29	1.40
YES	HRDOW								
VOL39		0	0.59402E-03	476841.9	3744228.3	457.0	5.00	7.29	1.40
YES	HRDOW								
VOL40		0	0.59402E-03	476859.4	3744228.0	457.0	5.00	7.29	1.40
YES	HRDOW								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.								
VOL41	0	0.59402E-03	476867.4	3744209.4	457.0	5.00	7.29	1.40	
YES	HRDOW								
VOL42	0	0.59402E-03	476835.7	3744208.7	457.0	5.00	7.29	1.40	
YES	HRDOW								
VOL43	0	0.59402E-03	476804.0	3744207.9	457.9	5.00	7.29	1.40	
YES	HRDOW								
VOL44	0	0.59402E-03	476772.3	3744207.2	458.0	5.00	7.29	1.40	
YES	HRDOW								
VOL45	0	0.59402E-03	476749.4	3744206.5	458.7	5.00	7.29	1.40	
YES	HRDOW								
L0000001	0	0.83330E-06	476724.9	3744198.6	459.5	3.49	6.51	3.25	
YES	HRDOW								
L0000002	0	0.83330E-06	476724.4	3744212.6	459.2	3.49	6.51	3.25	
YES	HRDOW								
L0000003	0	0.83330E-06	476723.4	3744226.6	459.0	3.49	6.51	3.25	
YES	HRDOW								
L0000004	0	0.83330E-06	476721.9	3744240.5	458.8	3.49	6.51	3.25	
YES	HRDOW								
L0000005	0	0.83330E-06	476720.3	3744254.4	458.7	3.49	6.51	3.25	
YES	HRDOW								
L0000006	0	0.83330E-06	476717.9	3744268.1	458.7	3.49	6.51	3.25	
YES	HRDOW								
L0000007	0	0.83330E-06	476714.0	3744281.6	458.9	3.49	6.51	3.25	
YES	HRDOW								
L0000008	0	0.83330E-06	476710.1	3744295.0	459.0	3.49	6.51	3.25	
YES	HRDOW								
L0000009	0	0.83330E-06	476705.2	3744308.1	459.2	3.49	6.51	3.25	

YES	HRDOW								
L0000010		0	0.83330E-06	476699.5	3744320.9	459.3	3.49	6.51	3.25
YES	HRDOW								
L0000011		0	0.83330E-06	476693.8	3744333.7	459.2	3.49	6.51	3.25
YES	HRDOW								
L0000012		0	0.83330E-06	476687.0	3744345.9	459.0	3.49	6.51	3.25
YES	HRDOW								
L0000013		0	0.83330E-06	476679.5	3744357.7	459.0	3.49	6.51	3.25
YES	HRDOW								
L0000014		0	0.83330E-06	476672.1	3744369.6	459.3	3.49	6.51	3.25
YES	HRDOW								
L0000015		0	0.83330E-06	476663.5	3744380.5	459.5	3.49	6.51	3.25
YES	HRDOW								
L0000016		0	0.83330E-06	476653.6	3744390.4	459.5	3.49	6.51	3.25
YES	HRDOW								
L0000017		0	0.83330E-06	476643.7	3744400.3	459.4	3.49	6.51	3.25
YES	HRDOW								
L0000018		0	0.83330E-06	476633.8	3744410.2	459.5	3.49	6.51	3.25
YES	HRDOW								
L0000019		0	0.83330E-06	476622.5	3744418.5	459.9	3.49	6.51	3.25
YES	HRDOW								
L0000020		0	0.83330E-06	476611.1	3744426.7	460.0	3.49	6.51	3.25
YES	HRDOW								
L0000021		0	0.83330E-06	476599.8	3744434.9	460.0	3.49	6.51	3.25
YES	HRDOW								
L0000022		0	0.83330E-06	476588.4	3744443.0	460.1	3.49	6.51	3.25
YES	HRDOW								
L0000023		0	0.83330E-06	476576.9	3744451.1	460.4	3.49	6.51	3.25
YES	HRDOW								
L0000024		0	0.83330E-06	476565.5	3744459.1	460.8	3.49	6.51	3.25
YES	HRDOW								
L0000025		0	0.83330E-06	476554.1	3744467.2	461.0	3.49	6.51	3.25
YES	HRDOW								
L0000026		0	0.83330E-06	476542.7	3744475.3	461.0	3.49	6.51	3.25
YES	HRDOW								
L0000027		0	0.83330E-06	476531.2	3744483.4	461.0	3.49	6.51	3.25
YES	HRDOW								
L0000028		0	0.83330E-06	476519.8	3744491.5	461.3	3.49	6.51	3.25
YES	HRDOW								
L0000029		0	0.83330E-06	476508.4	3744499.6	461.6	3.49	6.51	3.25
YES	HRDOW								
L0000030		0	0.83330E-06	476497.0	3744507.7	461.7	3.49	6.51	3.25
YES	HRDOW								
L0000031		0	0.83330E-06	476485.4	3744515.6	461.7	3.49	6.51	3.25
YES	HRDOW								
L0000032		0	0.83330E-06	476473.9	3744523.6	461.9	3.49	6.51	3.25
YES	HRDOW								
L0000033		0	0.83330E-06	476462.4	3744531.6	462.0	3.49	6.51	3.25
YES	HRDOW								
L0000034		0	0.83330E-06	476450.9	3744539.6	462.0	3.49	6.51	3.25
YES	HRDOW								
L0000035		0	0.83330E-06	476439.4	3744547.5	462.0	3.49	6.51	3.25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
ID	CATS.	BY						
(METERS)								
L0000036	0	0.83330E-06	476427.9	3744555.5	462.0	3.49	6.51	3.25
YES HRDOW								
L0000037	0	0.83330E-06	476416.4	3744563.5	462.0	3.49	6.51	3.25
YES HRDOW								
L0000038	0	0.83330E-06	476404.9	3744571.4	462.2	3.49	6.51	3.25
YES HRDOW								
L0000039	0	0.83330E-06	476393.4	3744579.4	462.6	3.49	6.51	3.25
YES HRDOW								
L0000040	0	0.83330E-06	476381.8	3744587.4	462.9	3.49	6.51	3.25
YES HRDOW								
L0000041	0	0.83330E-06	476370.3	3744595.3	463.0	3.49	6.51	3.25
YES HRDOW								
L0000042	0	0.83330E-06	476358.8	3744603.3	463.0	3.49	6.51	3.25
YES HRDOW								
L0000043	0	0.83330E-06	476363.2	3744614.8	463.0	3.49	6.51	3.25
YES HRDOW								
L0000044	0	0.83330E-06	476370.2	3744627.0	462.8	3.49	6.51	3.25
YES HRDOW								
L0000045	0	0.83330E-06	476377.2	3744639.1	462.3	3.49	6.51	3.25
YES HRDOW								
L0000046	0	0.83330E-06	476386.6	3744649.4	462.0	3.49	6.51	3.25
YES HRDOW								
L0000047	0	0.83330E-06	476396.2	3744659.6	462.0	3.49	6.51	3.25
YES HRDOW								
L0000048	0	0.83330E-06	476405.8	3744669.8	462.0	3.49	6.51	3.25
YES HRDOW								
L0000049	0	0.83330E-06	476415.4	3744680.0	461.8	3.49	6.51	3.25
YES HRDOW								
L0000050	0	0.83330E-06	476425.0	3744690.1	461.5	3.49	6.51	3.25
YES HRDOW								
L0000051	0	0.83330E-06	476435.5	3744699.4	461.1	3.49	6.51	3.25
YES HRDOW								
L0000052	0	0.83330E-06	476446.0	3744708.6	460.8	3.49	6.51	3.25
YES HRDOW								
L0000053	0	0.83330E-06	476456.5	3744717.9	460.7	3.49	6.51	3.25
YES HRDOW								
L0000054	0	0.83330E-06	476467.3	3744726.8	460.7	3.49	6.51	3.25
YES HRDOW								
L0000055	0	0.83330E-06	476479.2	3744734.2	460.6	3.49	6.51	3.25
YES HRDOW								
L0000056	0	0.83330E-06	476491.0	3744741.7	460.2	3.49	6.51	3.25
YES HRDOW								
L0000057	0	0.83330E-06	476502.9	3744749.2	460.0	3.49	6.51	3.25
YES HRDOW								
L0000058	0	0.83330E-06	476515.1	3744755.9	460.0	3.49	6.51	3.25
YES HRDOW								
L0000059	0	0.83330E-06	476527.5	3744762.4	460.0	3.49	6.51	3.25
YES HRDOW								
L0000060	0	0.83330E-06	476539.9	3744769.0	459.7	3.49	6.51	3.25
YES HRDOW								
L0000061	0	0.83330E-06	476552.2	3744775.6	459.2	3.49	6.51	3.25
YES HRDOW								
L0000062	0	0.83330E-06	476564.6	3744782.1	458.8	3.49	6.51	3.25
YES HRDOW								
L0000063	0	0.83330E-06	476577.3	3744787.9	458.4	3.49	6.51	3.25
YES HRDOW								
L0000064	0	0.83330E-06	476590.5	3744792.7	458.0	3.49	6.51	3.25
YES HRDOW								
L0000065	0	0.83330E-06	476603.6	3744797.5	458.0	3.49	6.51	3.25

```

YES HRDOW
L0000066      0  0.83330E-06  476616.8  3744802.3  458.0    3.49    6.51    3.25
YES HRDOW
L0000067      0  0.83330E-06  476629.9  3744807.1  457.9    3.49    6.51    3.25
YES HRDOW
L0000068      0  0.83330E-06  476643.1  3744811.9  457.6    3.49    6.51    3.25
YES HRDOW
L0000069      0  0.83330E-06  476656.2  3744816.7  457.2    3.49    6.51    3.25
YES HRDOW
L0000070      0  0.83330E-06  476669.4  3744821.5  457.1    3.49    6.51    3.25
YES HRDOW
L0000071      0  0.83330E-06  476682.5  3744826.3  457.0    3.49    6.51    3.25
YES HRDOW
L0000072      0  0.83330E-06  476695.7  3744831.1  457.0    3.49    6.51    3.25
YES HRDOW
L0000073      0  0.83330E-06  476708.8  3744835.9  457.0    3.49    6.51    3.25
YES HRDOW
L0000074      0  0.83330E-06  476722.0  3744840.7  457.0    3.49    6.51    3.25
YES HRDOW
L0000075      0  0.83330E-06  476735.1  3744845.5  457.0    3.49    6.51    3.25
YES HRDOW

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Industrial\14231 ***      07/27/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)								
L0000076	0	0.83330E-06	476748.3	3744850.4	457.0	3.49	6.51	3.25
YES HRDOW								
L0000077	0	0.83330E-06	476761.4	3744855.3	457.0	3.49	6.51	3.25
YES HRDOW								
L0000078	0	0.83330E-06	476774.5	3744860.2	457.0	3.49	6.51	3.25
YES HRDOW								
L0000079	0	0.83330E-06	476787.6	3744865.0	457.0	3.49	6.51	3.25
YES HRDOW								
L0000080	0	0.83330E-06	476800.7	3744869.9	456.0	3.49	6.51	3.25
YES HRDOW								
L0000081	0	0.83330E-06	476813.9	3744874.8	456.0	3.49	6.51	3.25
YES HRDOW								
L0000082	0	0.83330E-06	476827.0	3744879.7	456.0	3.49	6.51	3.25
YES HRDOW								
L0000083	0	0.83330E-06	476840.1	3744884.5	456.0	3.49	6.51	3.25
YES HRDOW								
L0000084	0	0.83330E-06	476853.2	3744889.4	456.0	3.49	6.51	3.25
YES HRDOW								

```

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Industrial\14231 ***      07/27/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

ALL      VOL1      , VOL2      , VOL3      , VOL4      , VOL5      , VOL6      ,
VOL7     , VOL8      ,
        VOL9      , VOL10     , VOL11     , VOL12     , VOL13     , VOL14     ,
VOL15    , VOL16     ,
        VOL17     , VOL18     , VOL19     , VOL20     , VOL21     , VOL22     ,
VOL23    , VOL24     ,
        VOL25     , VOL26     , VOL27     , VOL28     , VOL29     , VOL30     ,
VOL31    , VOL32     ,
        VOL33     , VOL34     , VOL35     , VOL36     , VOL37     , VOL38     ,
VOL39    , VOL40     ,
        VOL41     , VOL42     , VOL43     , VOL44     , VOL45     , 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 ,

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
	2189641.	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
	VOL6	, VOL7	,				
VOL8	,						
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	, VOL14	,
	VOL15	, VOL16	,				
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	, VOL22	,
	VOL23	, VOL24	,				
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	, VOL30	,
	VOL31	, VOL32	,				
	VOL33	, VOL34	, VOL35	, VOL36	, VOL37	, VOL38	,
	VOL39	, VOL40	,				
	VOL41	, VOL42	, VOL43	, VOL44	, VOL45	, 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	,					

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SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for WEEKDAY.

DAY OF WEEK = SATURDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for SATURDAY.

DAY OF WEEK = SUNDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for SUNDAY.

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for WEEKDAY.

DAY OF WEEK = SATURDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for SATURDAY.

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
--------	------	--------	------	--------	------	--------	------	--------	------	--------	------

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for source VOL35, showing hours 1-24 and their corresponding scalar values.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sundays (Days 1-24).

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for source VOL36, showing hours 1-24 and their corresponding scalar values.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sundays (Days 1-24).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22
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*** 15:25:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :
HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :

Hourly scalar values for source L0000049, including columns for HOUR, SCALAR, and SCALAR HOUR.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for source L0000049, showing values for hours 1 through 24.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for source L0000049, showing values for hours 1 through 24.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars for source L0000049, showing values for hours 1 through 24.

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

Hourly scalar values for source L0000050, including columns for HOUR, SCALAR, and SCALAR HOUR.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for source L0000050, showing values for hours 1 through 24.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for source L0000050, showing values for hours 1 through 24.

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday.

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 1 row of scalar values for Sunday.

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22
*** AERMET - VERSION 16216 ***
*** 15:25:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 16216 ***

*** 15:25:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Industrial\14231 *** 07/27/22
*** AERMET - VERSION 16216 ***
*** 15:25:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
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DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00	9 .1000E+01	10 .1000E+01	11 .1000E+01
.1000E+01	12 .1000E+01	13 .1000E+01	14 .1000E+01	15 .1000E+01	16 .1000E+01
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00	9 .0000E+00	10 .0000E+00	11 .0000E+00
.0000E+00	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00	9 .0000E+00	10 .0000E+00	11 .0000E+00
.0000E+00	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00
.0000E+00	23 .0000E+00	24 .0000E+00			

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Industrial\14231 *** 07/27/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00	9 .1000E+01	10 .1000E+01	11 .1000E+01
.1000E+01	12 .1000E+01	13 .1000E+01	14 .1000E+01	15 .1000E+01	16 .1000E+01
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00			

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Industrial\14231 *** 07/27/22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(477059.7, 3744372.6, 455.0, 455.0, 0.0); (477060.3, 3744356.1,
455.0, 455.0, 0.0);
(477081.9, 3744339.8, 455.0, 455.0, 0.0); (477115.7, 3744317.3,
455.0, 455.0, 0.0);
(477118.4, 3744296.3, 455.0, 455.0, 0.0); (476645.4, 3744114.3,
461.1, 461.1, 0.0);
(476605.9, 3744109.3, 461.9, 461.9, 0.0); (476555.2, 3744160.8,
462.2, 462.2, 0.0);
(476771.6, 3744165.0, 459.0, 459.0, 0.0); (476746.3, 3744163.3,
459.1, 459.1, 0.0);
(476806.0, 3744146.8, 457.9, 457.9, 0.0); (476880.3, 3744148.5,
457.0, 457.0, 0.0);
(476656.3, 3744337.7, 459.9, 459.9, 0.0); (476634.1, 3744366.4,
460.0, 460.0, 0.0);
(476687.9, 3744470.0, 458.7, 458.7, 0.0); (476663.5, 3744452.5,
459.0, 459.0, 0.0);
(476555.5, 3744125.1, 462.5, 462.5, 0.0); (477146.8, 3744130.9,
456.0, 456.0, 0.0);
(477122.1, 3744258.1, 455.0, 455.0, 0.0); (476656.7, 3744232.1,
460.6, 460.6, 0.0);
(476467.5, 3744158.2, 464.0, 464.0, 0.0); (476489.6, 3744137.9,
463.3, 463.3, 0.0);
(476411.9, 3744482.6, 463.0, 463.0, 0.0); (476343.6, 3744445.4,
464.0, 464.0, 0.0);
(476441.6, 3744388.4, 463.0, 463.0, 0.0); (476249.5, 3744329.7,
466.3, 466.3, 0.0);
(476453.8, 3744560.9, 462.0, 462.0, 0.0); (476581.3, 3744503.1,
460.3, 460.3, 0.0);
(476804.1, 3744092.9, 458.0, 458.0, 0.0); (476803.7, 3744033.1,
458.4, 458.4, 0.0);
(477009.9, 3743352.8, 460.0, 460.0, 0.0); (477036.1, 3743271.3,
460.0, 460.0, 0.0);
(476951.3, 3743310.1, 461.0, 461.0, 0.0); (477084.6, 3742902.3,
460.5, 460.5, 0.0);
(477062.3, 3742957.5, 460.2, 460.2, 0.0); (477123.7, 3742856.7,
460.0, 460.0, 0.0);
(477137.9, 3742815.7, 459.7, 459.7, 0.0); (477212.5, 3742908.1,
458.0, 458.0, 0.0);
(477035.8, 3742769.4, 462.1, 462.1, 0.0); (477027.2, 3742701.3,
463.4, 463.4, 0.0);
(477027.0, 3742662.1, 464.1, 464.1, 0.0); (477024.0, 3742614.4,
464.5, 464.5, 0.0);
(477314.6, 3742642.8, 456.8, 456.8, 0.0); (478159.6, 3742336.3,

Surface file:
 PERI_V9_ADJU\PERI_v9.SFC
 Version: 16216
 Profile file:
 PERI_V9_ADJU\PERI_v9.PFL
 Surface format:
 FREE

Met

Profile format:
 FREE

Surface station no.: 3171
 Name: UNKNOWN
 UNKNOWN
 Year: 2010

Upper air station no.: 3190
 Name:
 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD	HT	REF	TA	HT													
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.		21.2	0.19	0.61	1.00	1.30	
335.	9.1	282.5	5.5														
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.		15.1	0.19	0.61	1.00	0.90	
142.	9.1	280.9	5.5														
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.		15.1	0.19	0.61	1.00	0.90	
324.	9.1	280.4	5.5														
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.		18.3	0.19	0.61	1.00	0.40	
294.	9.1	278.8	5.5														
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.		15.0	0.19	0.61	1.00	0.90	
205.	9.1	278.1	5.5														
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.		18.3	0.19	0.61	1.00	0.40	
3.	9.1	277.0	5.5														
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.		21.0	0.19	0.61	1.00	1.30	
99.	9.1	277.0	5.5														
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.		16.8	0.19	0.61	0.54	0.90	
319.	9.1	278.8	5.5														
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.		-9.0	0.19	0.61	0.33	0.90	
239.	9.1	284.2	5.5														
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.		-1.0	0.19	0.61	0.26	0.40	
188.	9.1	289.2	5.5														
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.		-35.9	0.19	0.61	0.23	2.70	
310.	9.1	290.9	5.5														
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.		-19.7	0.19	0.61	0.22	2.20	
357.	9.1	293.1	5.5														
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.		-20.4	0.19	0.61	0.22	2.20	
356.	9.1	293.8	5.5														
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.		-23.2	0.19	0.61	0.23	2.20	
50.	9.1	294.2	5.5														
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.		-19.2	0.19	0.61	0.27	1.80	
53.	9.1	293.8	5.5														
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.		-61.5	0.19	0.61	0.36	1.80	
11.	9.1	292.5	5.5														
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.		15.6	0.19	0.61	0.64	0.90	
351.	9.1	290.4	5.5														
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.		15.2	0.19	0.61	1.00	0.90	
186.	9.1	287.5	5.5														
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.		15.2	0.19	0.61	1.00	0.90	
275.	9.1	285.9	5.5														
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.		18.1	0.19	0.61	1.00	0.40	
181.	9.1	285.4	5.5														
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.		21.3	0.19	0.61	1.00	1.30	
318.	9.1	284.9	5.5														
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.		15.1	0.19	0.61	1.00	0.90	
196.	9.1	283.1	5.5														
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.		15.1	0.19	0.61	1.00	0.90	

```

330.    9.1  281.4    5.5
10 01 01    1 24   -7.9  0.125 -9.000 -9.000 -999.  106.    21.2  0.19   0.61   1.00   1.30
332.    9.1  280.9    5.5

```

First hour of profile data

```

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

```

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

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill
Industrial\14231 ***                07/27/22

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*** AERMET - VERSION 16216 ***

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***                                     ***                15:25:29

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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

```

```

*** THE ANNUAL AVERAGE CONCENTRATION  VALUES AVERAGED OVER  5 YEARS FOR
SOURCE GROUP: ALL                      ***

```

```

          INCLUDING SOURCE(S):  VOL1      , VOL2      ,
          VOL3                  , VOL4      , VOL5      ,
VOL6      , VOL7      , VOL8      , VOL9      , VOL10     ,
VOL11     , VOL12     , VOL13     ,
VOL14     , VOL15     , VOL16     , VOL17     , VOL18     ,
VOL19     , VOL20     , VOL21     ,
VOL22     , VOL23     , VOL24     , VOL25     , VOL26     ,
VOL27     , VOL28     , . . .     ,

```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

```

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

```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
477059.73	3744372.63	0.01173	477060.34	
3744356.14	0.01204			
477081.94	3744339.84	0.01049	477115.68	
3744317.30	0.00851			
477118.40	3744296.27	0.00857	476645.39	
3744114.29	0.02747			
476605.92	3744109.28	0.02012	476555.25	
3744160.84	0.01749			
476771.63	3744165.00	0.18769	476746.29	
3744163.32	0.14355			
476805.97	3744146.78	0.13887	476880.30	
3744148.46	0.11202			
476656.26	3744337.74	0.11293	476634.06	
3744366.43	0.08856			
476687.90	3744470.01	0.15376	476663.51	
3744452.52	0.13808			
476555.45	3744125.10	0.01549	477146.78	
3744130.89	0.00826			
477122.13	3744258.08	0.00872	476656.68	
3744232.08	0.06371			
476467.47	3744158.22	0.00986	476489.56	
3744137.95	0.01078			
476411.89	3744482.59	0.00650	476343.59	
3744445.36	0.00467			
476441.57	3744388.40	0.00885	476249.50	
3744329.72	0.00335			
476453.77	3744560.90	0.00757	476581.34	

3744503.12	0.02310		
476804.10	3744092.94	0.06043	476803.71
3744033.09	0.03164		
477009.90	3743352.81	0.00238	477036.08
3743271.32	0.00205		
476951.27	3743310.06	0.00208	477084.58
3742902.26	0.00117		
477062.33	3742957.48	0.00125	477123.72
3742856.68	0.00113		
477137.93	3742815.66	0.00108	477212.45
3742908.15	0.00124		
477035.83	3742769.37	0.00097	477027.25
3742701.27	0.00090		
477026.99	3742662.13	0.00086	477024.04
3742614.41	0.00082		
477314.65	3742642.83	0.00094	478159.58
3742336.29	0.00061		
477148.20	3744067.04	0.00847	477147.76
3744032.98	0.00854		
477232.90	3743991.07	0.00547	475782.40
3744694.16	0.00093		
475780.39	3744425.93	0.00102	476330.35
3744653.91	0.00348		
476315.43	3744669.42	0.00316	476396.48
3744608.78	0.00534		
475778.95	3744719.38	0.00092	475779.64
3744792.58	0.00089		
475781.26	3744828.13	0.00088	475767.64
3744638.34	0.00093		
475777.10	3744587.08	0.00096	476056.02
3744635.57	0.00155		
476433.22	3745001.31	0.00236	476283.27
3745001.75	0.00176		
476246.99	3744901.34	0.00186	475777.34
3744883.44	0.00086		

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill
Industrial\14231 *** 07/27/22
*** AERMET - VERSION 16216 ***
*** *** 15:25:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK

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

ALL	1ST HIGHEST VALUE IS	0.18769 AT (	476771.63,	3744165.00,	459.00,
459.00,	0.00) DC				
	2ND HIGHEST VALUE IS	0.15376 AT (	476687.90,	3744470.01,	458.73,
	458.73, 0.00) DC				
	3RD HIGHEST VALUE IS	0.14355 AT (	476746.29,	3744163.32,	459.07,
	459.07, 0.00) DC				
	4TH HIGHEST VALUE IS	0.13887 AT (	476805.97,	3744146.78,	457.93,
	457.93, 0.00) DC				
	5TH HIGHEST VALUE IS	0.13808 AT (	476663.51,	3744452.52,	459.00,

```

459.00, 0.00) DC
6TH HIGHEST VALUE IS 0.11293 AT ( 476656.26, 3744337.74, 459.85,
459.85, 0.00) DC
7TH HIGHEST VALUE IS 0.11202 AT ( 476880.30, 3744148.46, 457.00,
457.00, 0.00) DC
8TH HIGHEST VALUE IS 0.08856 AT ( 476634.06, 3744366.43, 460.00,
460.00, 0.00) DC
9TH HIGHEST VALUE IS 0.06371 AT ( 476656.68, 3744232.08, 460.62,
460.62, 0.00) DC
10TH HIGHEST VALUE IS 0.06043 AT ( 476804.10, 3744092.94, 458.00,
458.00, 0.00) DC

```

```

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

```

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill
Industrial\14231 *** 07/27/22

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*** AERMET - VERSION 16216 ***
***

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*** 15:25:29

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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 4 Warning Message(s)
A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified ( 2.40 Percent)

```

```

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

```

```

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

```

```

ME W186 2042 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2042 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

```

```

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

```


**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 7/27/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231 Ops\14231 Ops.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14231 Ops.err"

CO FINISHED
**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idling Loading Dock
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.843E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476729.783, 3744311.179, 458.35, 3.49, 4.00
** 476812.043, 3744339.946, 457.00, 3.49, 4.00
** -----

LOCATION	L0000814	VOLUME	476733.837	3744312.597	458.20
LOCATION	L0000815	VOLUME	476741.946	3744315.432	457.93
LOCATION	L0000816	VOLUME	476750.054	3744318.268	457.66
LOCATION	L0000817	VOLUME	476758.163	3744321.103	457.39
LOCATION	L0000818	VOLUME	476766.271	3744323.939	457.12
LOCATION	L0000819	VOLUME	476774.379	3744326.775	457.00
LOCATION	L0000820	VOLUME	476782.488	3744329.610	457.00
LOCATION	L0000821	VOLUME	476790.596	3744332.446	457.00
LOCATION	L0000822	VOLUME	476798.705	3744335.282	457.00
LOCATION	L0000823	VOLUME	476806.813	3744338.117	457.00

** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 8.766E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 476657.151, 3744403.781, 459.10, 3.49, 4.00
** 476677.360, 3744421.493, 458.92, 3.49, 4.00
** 476705.652, 3744431.003, 458.05, 3.49, 4.00
** 476711.001, 3744430.171, 458.03, 3.49, 4.00
** 476712.427, 3744428.269, 458.05, 3.49, 4.00
** 476741.551, 3744348.624, 458.00, 3.49, 4.00
** 476747.970, 3744343.512, 457.92, 3.49, 4.00
** 476812.281, 3744365.504, 457.00, 3.49, 4.00
** 476817.036, 3744363.602, 457.00, 3.49, 4.00
** 476871.242, 3744212.633, 457.00, 3.49, 4.00
** 476873.144, 3744205.501, 457.00, 3.49, 4.00
** 476873.382, 3744198.012, 457.00, 3.49, 4.00
** 476873.619, 3744193.257, 457.00, 3.49, 4.00

```

```

** -----
LOCATION L0000359      VOLUME  476660.381 3744406.612 459.00
LOCATION L0000360      VOLUME  476666.841 3744412.274 459.00
LOCATION L0000361      VOLUME  476673.301 3744417.936 459.00
LOCATION L0000362      VOLUME  476680.386 3744422.510 458.98
LOCATION L0000363      VOLUME  476688.529 3744425.247 458.71
LOCATION L0000364      VOLUME  476696.671 3744427.984 458.44
LOCATION L0000365      VOLUME  476704.813 3744430.721 458.17
LOCATION L0000366      VOLUME  476712.376 3744428.337 457.98
LOCATION L0000367      VOLUME  476715.348 3744420.281 457.90
LOCATION L0000368      VOLUME  476718.298 3744412.214 457.78
LOCATION L0000369      VOLUME  476721.248 3744404.146 457.65
LOCATION L0000370      VOLUME  476724.198 3744396.079 457.68
LOCATION L0000371      VOLUME  476727.148 3744388.011 457.77
LOCATION L0000372      VOLUME  476730.098 3744379.944 457.92
LOCATION L0000373      VOLUME  476733.049 3744371.876 458.03
LOCATION L0000374      VOLUME  476735.999 3744363.809 458.05
LOCATION L0000375      VOLUME  476738.949 3744355.741 458.02
LOCATION L0000376      VOLUME  476742.343 3744347.994 457.92
LOCATION L0000377      VOLUME  476749.291 3744343.964 457.69
LOCATION L0000378      VOLUME  476757.419 3744346.743 457.41
LOCATION L0000379      VOLUME  476765.547 3744349.523 457.14
LOCATION L0000380      VOLUME  476773.675 3744352.302 457.00
LOCATION L0000381      VOLUME  476781.803 3744355.082 457.00
LOCATION L0000382      VOLUME  476789.931 3744357.861 457.00
LOCATION L0000383      VOLUME  476798.059 3744360.640 457.00
LOCATION L0000384      VOLUME  476806.187 3744363.420 457.00
LOCATION L0000385      VOLUME  476814.277 3744364.705 457.00
LOCATION L0000386      VOLUME  476818.934 3744358.314 457.00
LOCATION L0000387      VOLUME  476821.837 3744350.229 457.00
LOCATION L0000388      VOLUME  476824.740 3744342.145 457.00
LOCATION L0000389      VOLUME  476827.643 3744334.060 457.00
LOCATION L0000390      VOLUME  476830.546 3744325.975 457.00
LOCATION L0000391      VOLUME  476833.449 3744317.891 457.00
LOCATION L0000392      VOLUME  476836.351 3744309.806 457.00
LOCATION L0000393      VOLUME  476839.254 3744301.721 457.00
LOCATION L0000394      VOLUME  476842.157 3744293.637 457.00
LOCATION L0000395      VOLUME  476845.060 3744285.552 457.00
LOCATION L0000396      VOLUME  476847.963 3744277.467 457.00
LOCATION L0000397      VOLUME  476850.866 3744269.383 457.00
LOCATION L0000398      VOLUME  476853.768 3744261.298 457.00
LOCATION L0000399      VOLUME  476856.671 3744253.213 457.00
LOCATION L0000400      VOLUME  476859.574 3744245.129 457.00
LOCATION L0000401      VOLUME  476862.477 3744237.044 457.00
LOCATION L0000402      VOLUME  476865.380 3744228.959 457.00
LOCATION L0000403      VOLUME  476868.283 3744220.875 457.00
LOCATION L0000404      VOLUME  476871.185 3744212.790 457.00
LOCATION L0000405      VOLUME  476873.177 3744204.460 457.00

```

```

LOCATION L0000406      VOLUME  476873.488 3744195.876 457.00
** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Harvill 60%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.00001059
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 26
** 476724.664, 3744176.991, 459.58, 3.49, 6.51
** 476723.456, 3744131.697, 460.05, 3.49, 6.51
** 476724.664, 3744110.560, 460.05, 3.49, 6.51
** 476733.119, 3744074.324, 459.97, 3.49, 6.51
** 476813.147, 3743844.276, 458.00, 3.49, 6.51
** 476834.785, 3743780.271, 457.94, 3.49, 6.51
** 476855.968, 3743720.595, 458.07, 3.49, 6.51
** 476886.262, 3743639.507, 459.07, 3.49, 6.51
** 476924.073, 3743533.136, 460.00, 3.49, 6.51
** 476977.828, 3743385.083, 460.01, 3.49, 6.51
** 477006.983, 3743299.895, 460.03, 3.49, 6.51
** 477016.550, 3743278.029, 460.15, 3.49, 6.51
** 477025.433, 3743238.168, 460.52, 3.49, 6.51
** 477038.416, 3743189.197, 460.12, 3.49, 6.51
** 477063.927, 3743116.537, 460.00, 3.49, 6.51
** 477128.842, 3742943.428, 459.09, 3.49, 6.51
** 477180.319, 3742797.652, 459.16, 3.49, 6.51
** 477220.863, 3742686.954, 458.93, 3.49, 6.51
** 477232.935, 3742653.699, 458.77, 3.49, 6.51
** 477242.274, 3742611.333, 458.12, 3.49, 6.51
** 477244.096, 3742573.750, 458.10, 3.49, 6.51
** 477279.174, 3742575.800, 458.00, 3.49, 6.51
** 477313.795, 3742576.711, 456.99, 3.49, 6.51
** 477394.200, 3742577.394, 455.98, 3.49, 6.51
** 477444.766, 3742576.028, 454.62, 3.49, 6.51
** 477678.462, 3742571.472, 451.00, 3.49, 6.51
** -----
LOCATION L0000407      VOLUME  476724.477 3744169.993 459.51
LOCATION L0000408      VOLUME  476724.104 3744155.998 459.69
LOCATION L0000409      VOLUME  476723.731 3744142.003 459.91
LOCATION L0000410      VOLUME  476723.667 3744128.013 460.00
LOCATION L0000411      VOLUME  476724.465 3744114.036 460.00
LOCATION L0000412      VOLUME  476727.054 3744100.316 460.00
LOCATION L0000413      VOLUME  476730.235 3744086.683 460.00
LOCATION L0000414      VOLUME  476733.549 3744073.087 460.00
LOCATION L0000415      VOLUME  476738.149 3744059.864 460.00
LOCATION L0000416      VOLUME  476742.749 3744046.642 459.90
LOCATION L0000417      VOLUME  476747.349 3744033.419 459.75
LOCATION L0000418      VOLUME  476751.949 3744020.196 459.60
LOCATION L0000419      VOLUME  476756.549 3744006.973 459.44
LOCATION L0000420      VOLUME  476761.148 3743993.751 459.29
LOCATION L0000421      VOLUME  476765.748 3743980.528 459.14
LOCATION L0000422      VOLUME  476770.348 3743967.305 459.00
LOCATION L0000423      VOLUME  476774.948 3743954.082 459.00
LOCATION L0000424      VOLUME  476779.548 3743940.860 459.00
LOCATION L0000425      VOLUME  476784.148 3743927.637 459.00
LOCATION L0000426      VOLUME  476788.748 3743914.414 459.00
LOCATION L0000427      VOLUME  476793.347 3743901.191 459.00
LOCATION L0000428      VOLUME  476797.947 3743887.969 459.00
LOCATION L0000429      VOLUME  476802.547 3743874.746 458.91
LOCATION L0000430      VOLUME  476807.147 3743861.523 458.64
LOCATION L0000431      VOLUME  476811.747 3743848.300 458.24
LOCATION L0000432      VOLUME  476816.266 3743835.050 457.98

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LOCATION	L0000433	VOLUME	476820.750	3743821.787	457.67
LOCATION	L0000434	VOLUME	476825.234	3743808.525	457.22
LOCATION	L0000435	VOLUME	476829.717	3743795.262	457.37
LOCATION	L0000436	VOLUME	476834.201	3743782.000	457.69
LOCATION	L0000437	VOLUME	476838.858	3743768.797	457.77
LOCATION	L0000438	VOLUME	476843.542	3743755.604	457.86
LOCATION	L0000439	VOLUME	476848.225	3743742.410	458.05
LOCATION	L0000440	VOLUME	476852.908	3743729.217	458.13
LOCATION	L0000441	VOLUME	476857.666	3743716.051	458.08
LOCATION	L0000442	VOLUME	476862.566	3743702.936	458.40
LOCATION	L0000443	VOLUME	476867.465	3743689.821	458.66
LOCATION	L0000444	VOLUME	476872.365	3743676.707	458.71
LOCATION	L0000445	VOLUME	476877.264	3743663.592	458.86
LOCATION	L0000446	VOLUME	476882.164	3743650.477	459.00
LOCATION	L0000447	VOLUME	476887.029	3743637.350	459.00
LOCATION	L0000448	VOLUME	476891.718	3743624.159	459.06
LOCATION	L0000449	VOLUME	476896.407	3743610.967	459.40
LOCATION	L0000450	VOLUME	476901.096	3743597.776	459.59
LOCATION	L0000451	VOLUME	476905.785	3743584.585	459.67
LOCATION	L0000452	VOLUME	476910.474	3743571.393	459.88
LOCATION	L0000453	VOLUME	476915.163	3743558.202	460.00
LOCATION	L0000454	VOLUME	476919.852	3743545.010	460.00
LOCATION	L0000455	VOLUME	476924.550	3743531.822	460.00
LOCATION	L0000456	VOLUME	476929.328	3743518.663	460.00
LOCATION	L0000457	VOLUME	476934.106	3743505.503	460.00
LOCATION	L0000458	VOLUME	476938.884	3743492.344	460.00
LOCATION	L0000459	VOLUME	476943.662	3743479.184	460.00
LOCATION	L0000460	VOLUME	476948.440	3743466.025	460.02
LOCATION	L0000461	VOLUME	476953.218	3743452.865	460.00
LOCATION	L0000462	VOLUME	476957.995	3743439.706	460.16
LOCATION	L0000463	VOLUME	476962.773	3743426.546	460.37
LOCATION	L0000464	VOLUME	476967.551	3743413.387	460.41
LOCATION	L0000465	VOLUME	476972.329	3743400.227	460.25
LOCATION	L0000466	VOLUME	476977.107	3743387.068	460.09
LOCATION	L0000467	VOLUME	476981.677	3743373.835	460.39
LOCATION	L0000468	VOLUME	476986.211	3743360.589	460.67
LOCATION	L0000469	VOLUME	476990.744	3743347.344	460.64
LOCATION	L0000470	VOLUME	476995.277	3743334.098	460.49
LOCATION	L0000471	VOLUME	476999.810	3743320.852	460.34
LOCATION	L0000472	VOLUME	477004.344	3743307.607	460.18
LOCATION	L0000473	VOLUME	477009.328	3743294.536	460.02
LOCATION	L0000474	VOLUME	477014.939	3743281.710	460.00
LOCATION	L0000475	VOLUME	477018.721	3743268.286	460.00
LOCATION	L0000476	VOLUME	477021.766	3743254.621	460.23
LOCATION	L0000477	VOLUME	477024.811	3743240.956	460.42
LOCATION	L0000478	VOLUME	477028.288	3743227.397	460.39
LOCATION	L0000479	VOLUME	477031.876	3743213.864	460.27
LOCATION	L0000480	VOLUME	477035.464	3743200.332	460.15
LOCATION	L0000481	VOLUME	477039.237	3743186.857	460.02
LOCATION	L0000482	VOLUME	477043.875	3743173.647	460.00
LOCATION	L0000483	VOLUME	477048.513	3743160.438	460.00
LOCATION	L0000484	VOLUME	477053.151	3743147.228	460.00
LOCATION	L0000485	VOLUME	477057.789	3743134.019	460.00
LOCATION	L0000486	VOLUME	477062.427	3743120.809	460.00
LOCATION	L0000487	VOLUME	477067.252	3743107.668	460.02
LOCATION	L0000488	VOLUME	477072.168	3743094.559	460.00
LOCATION	L0000489	VOLUME	477077.084	3743081.451	460.00
LOCATION	L0000490	VOLUME	477082.000	3743068.342	460.00
LOCATION	L0000491	VOLUME	477086.915	3743055.233	460.00
LOCATION	L0000492	VOLUME	477091.831	3743042.125	460.00
LOCATION	L0000493	VOLUME	477096.747	3743029.016	460.00
LOCATION	L0000494	VOLUME	477101.662	3743015.908	459.94
LOCATION	L0000495	VOLUME	477106.578	3743002.799	459.78
LOCATION	L0000496	VOLUME	477111.494	3742989.690	459.61
LOCATION	L0000497	VOLUME	477116.410	3742976.582	459.45
LOCATION	L0000498	VOLUME	477121.325	3742963.473	459.28

LOCATION L0000499	VOLUME	477126.241	3742950.365	459.12
LOCATION L0000500	VOLUME	477131.037	3742937.212	459.00
LOCATION L0000501	VOLUME	477135.699	3742924.011	459.33
LOCATION L0000502	VOLUME	477140.360	3742910.810	459.55
LOCATION L0000503	VOLUME	477145.022	3742897.609	459.49
LOCATION L0000504	VOLUME	477149.684	3742884.408	459.34
LOCATION L0000505	VOLUME	477154.345	3742871.207	459.18
LOCATION L0000506	VOLUME	477159.007	3742858.006	459.03
LOCATION L0000507	VOLUME	477163.669	3742844.805	458.88
LOCATION L0000508	VOLUME	477168.330	3742831.604	458.85
LOCATION L0000509	VOLUME	477172.992	3742818.402	458.97
LOCATION L0000510	VOLUME	477177.654	3742805.201	459.15
LOCATION L0000511	VOLUME	477182.381	3742792.024	459.20
LOCATION L0000512	VOLUME	477187.196	3742778.878	459.09
LOCATION L0000513	VOLUME	477192.010	3742765.732	458.93
LOCATION L0000514	VOLUME	477196.825	3742752.586	458.77
LOCATION L0000515	VOLUME	477201.640	3742739.440	458.61
LOCATION L0000516	VOLUME	477206.455	3742726.294	458.45
LOCATION L0000517	VOLUME	477211.270	3742713.148	458.60
LOCATION L0000518	VOLUME	477216.084	3742700.002	458.89
LOCATION L0000519	VOLUME	477220.899	3742686.856	458.97
LOCATION L0000520	VOLUME	477225.676	3742673.696	458.81
LOCATION L0000521	VOLUME	477230.453	3742660.536	458.65
LOCATION L0000522	VOLUME	477234.383	3742647.130	458.52
LOCATION L0000523	VOLUME	477237.397	3742633.459	458.42
LOCATION L0000524	VOLUME	477240.411	3742619.787	458.32
LOCATION L0000525	VOLUME	477242.533	3742605.996	458.24
LOCATION L0000526	VOLUME	477243.211	3742592.012	458.22
LOCATION L0000527	VOLUME	477243.889	3742578.029	458.20
LOCATION L0000528	VOLUME	477253.796	3742574.317	458.05
LOCATION L0000529	VOLUME	477267.772	3742575.134	458.01
LOCATION L0000530	VOLUME	477281.752	3742575.868	457.94
LOCATION L0000531	VOLUME	477295.747	3742576.236	457.47
LOCATION L0000532	VOLUME	477309.742	3742576.604	457.00
LOCATION L0000533	VOLUME	477323.740	3742576.796	456.54
LOCATION L0000534	VOLUME	477337.740	3742576.915	456.07
LOCATION L0000535	VOLUME	477351.739	3742577.033	456.00
LOCATION L0000536	VOLUME	477365.739	3742577.152	456.00
LOCATION L0000537	VOLUME	477379.738	3742577.271	455.99
LOCATION L0000538	VOLUME	477393.738	3742577.390	455.97
LOCATION L0000539	VOLUME	477407.733	3742577.029	455.72
LOCATION L0000540	VOLUME	477421.728	3742576.650	455.27
LOCATION L0000541	VOLUME	477435.722	3742576.272	454.81
LOCATION L0000542	VOLUME	477449.718	3742575.931	454.34
LOCATION L0000543	VOLUME	477463.715	3742575.658	454.01
LOCATION L0000544	VOLUME	477477.713	3742575.385	454.01
LOCATION L0000545	VOLUME	477491.710	3742575.113	453.94
LOCATION L0000546	VOLUME	477505.708	3742574.840	453.50
LOCATION L0000547	VOLUME	477519.705	3742574.567	453.06
LOCATION L0000548	VOLUME	477533.702	3742574.294	453.03
LOCATION L0000549	VOLUME	477547.700	3742574.021	453.01
LOCATION L0000550	VOLUME	477561.697	3742573.748	452.64
LOCATION L0000551	VOLUME	477575.694	3742573.475	452.22
LOCATION L0000552	VOLUME	477589.692	3742573.203	452.07
LOCATION L0000553	VOLUME	477603.689	3742572.930	452.02
LOCATION L0000554	VOLUME	477617.686	3742572.657	451.77
LOCATION L0000555	VOLUME	477631.684	3742572.384	451.36
LOCATION L0000556	VOLUME	477645.681	3742572.111	451.11
LOCATION L0000557	VOLUME	477659.678	3742571.838	451.05
LOCATION L0000558	VOLUME	477673.676	3742571.566	451.00

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Harvill 40%

** PREFIX

** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.195E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 476651.214, 3744398.051, 459.17, 3.49, 6.51
** 476633.321, 3744412.452, 459.64, 3.49, 6.51
** 476597.098, 3744438.201, 460.03, 3.49, 6.51
** 476506.760, 3744500.172, 461.90, 3.49, 6.51
** 476416.422, 3744563.016, 462.10, 3.49, 6.51
** 476357.943, 3744606.221, 463.00, 3.49, 6.51

LOCATION L0000559 VOLUME 476645.761 3744402.440 459.24
LOCATION L0000560 VOLUME 476634.854 3744411.218 459.50
LOCATION L0000561 VOLUME 476623.515 3744419.423 459.88
LOCATION L0000562 VOLUME 476612.104 3744427.534 460.00
LOCATION L0000563 VOLUME 476600.693 3744435.646 460.00
LOCATION L0000564 VOLUME 476589.190 3744443.626 460.02
LOCATION L0000565 VOLUME 476577.646 3744451.545 460.41
LOCATION L0000566 VOLUME 476566.101 3744459.465 460.79
LOCATION L0000567 VOLUME 476554.556 3744467.384 461.00
LOCATION L0000568 VOLUME 476543.012 3744475.304 461.00
LOCATION L0000569 VOLUME 476531.467 3744483.223 461.00
LOCATION L0000570 VOLUME 476519.922 3744491.143 461.33
LOCATION L0000571 VOLUME 476508.377 3744499.063 461.65
LOCATION L0000572 VOLUME 476496.877 3744507.047 461.67
LOCATION L0000573 VOLUME 476485.385 3744515.042 461.67
LOCATION L0000574 VOLUME 476473.892 3744523.037 461.88
LOCATION L0000575 VOLUME 476462.399 3744531.032 462.00
LOCATION L0000576 VOLUME 476450.907 3744539.027 462.00
LOCATION L0000577 VOLUME 476439.414 3744547.021 462.00
LOCATION L0000578 VOLUME 476427.921 3744555.016 462.02
LOCATION L0000579 VOLUME 476416.429 3744563.011 462.00
LOCATION L0000580 VOLUME 476405.168 3744571.330 462.16
LOCATION L0000581 VOLUME 476393.908 3744579.649 462.53
LOCATION L0000582 VOLUME 476382.648 3744587.968 462.91
LOCATION L0000583 VOLUME 476371.388 3744596.288 463.00
LOCATION L0000584 VOLUME 476360.128 3744604.607 463.00

** End of LINE VOLUME Source ID = SLINE4

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Cajalco 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 4.372E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

** 476349.651, 3744595.311, 463.00, 3.49, 6.51
** 476299.027, 3744515.883, 463.81, 3.49, 6.51
** 476234.001, 3744424.236, 465.89, 3.49, 6.51
** 476172.902, 3744341.317, 467.08, 3.49, 6.51
** 476145.845, 3744309.895, 468.14, 3.49, 6.51

LOCATION L0000585 VOLUME 476345.888 3744589.408 463.00
LOCATION L0000586 VOLUME 476338.364 3744577.602 463.00
LOCATION L0000587 VOLUME 476330.839 3744565.796 463.00
LOCATION L0000588 VOLUME 476323.314 3744553.990 463.00
LOCATION L0000589 VOLUME 476315.790 3744542.184 463.13
LOCATION L0000590 VOLUME 476308.265 3744530.378 463.39
LOCATION L0000591 VOLUME 476300.740 3744518.572 463.73
LOCATION L0000592 VOLUME 476292.771 3744507.066 463.96
LOCATION L0000593 VOLUME 476284.669 3744495.648 464.19

LOCATION L0000594	VOLUME	476276.568	3744484.230	464.66
LOCATION L0000595	VOLUME	476268.467	3744472.812	464.94
LOCATION L0000596	VOLUME	476260.365	3744461.394	465.00
LOCATION L0000597	VOLUME	476252.264	3744449.976	465.14
LOCATION L0000598	VOLUME	476244.163	3744438.558	465.48
LOCATION L0000599	VOLUME	476236.062	3744427.140	465.86
LOCATION L0000600	VOLUME	476227.808	3744415.832	466.00
LOCATION L0000601	VOLUME	476219.504	3744404.561	466.05
LOCATION L0000602	VOLUME	476211.199	3744393.290	466.43
LOCATION L0000603	VOLUME	476202.894	3744382.020	466.81
LOCATION L0000604	VOLUME	476194.589	3744370.749	467.00
LOCATION L0000605	VOLUME	476186.285	3744359.478	467.00
LOCATION L0000606	VOLUME	476177.980	3744348.207	467.00
LOCATION L0000607	VOLUME	476169.352	3744337.194	467.31
LOCATION L0000608	VOLUME	476160.217	3744326.585	467.76
LOCATION L0000609	VOLUME	476151.082	3744315.976	468.00

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Harvill 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 4.942E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 9

** 476344.850, 3744614.949, 463.00, 3.49, 6.51

** 476331.321, 3744623.678, 463.06, 3.49, 6.51

** 476292.917, 3744654.663, 463.92, 3.49, 6.51

** 476269.350, 3744683.903, 464.00, 3.49, 6.51

** 476241.856, 3744723.617, 464.06, 3.49, 6.51

** 476230.509, 3744758.530, 463.95, 3.49, 6.51

** 476223.527, 3744792.134, 463.97, 3.49, 6.51

** 476216.544, 3744884.654, 464.04, 3.49, 6.51

** 476213.926, 3744966.264, 464.06, 3.49, 6.51

**

LOCATION L0000610	VOLUME	476338.968	3744618.744	463.00
LOCATION L0000611	VOLUME	476327.508	3744626.754	463.00
LOCATION L0000612	VOLUME	476316.612	3744635.545	463.11
LOCATION L0000613	VOLUME	476305.716	3744644.336	463.47
LOCATION L0000614	VOLUME	476294.820	3744653.127	463.83
LOCATION L0000615	VOLUME	476285.666	3744663.659	464.00
LOCATION L0000616	VOLUME	476276.881	3744674.559	464.00
LOCATION L0000617	VOLUME	476268.212	3744685.547	463.91
LOCATION L0000618	VOLUME	476260.243	3744697.058	463.99
LOCATION L0000619	VOLUME	476252.274	3744708.568	464.00
LOCATION L0000620	VOLUME	476244.305	3744720.079	464.00
LOCATION L0000621	VOLUME	476238.859	3744732.839	464.00
LOCATION L0000622	VOLUME	476234.532	3744746.153	463.95
LOCATION L0000623	VOLUME	476230.309	3744759.496	463.99
LOCATION L0000624	VOLUME	476227.460	3744773.203	464.00
LOCATION L0000625	VOLUME	476224.612	3744786.910	464.00
LOCATION L0000626	VOLUME	476222.875	3744800.774	464.00
LOCATION L0000627	VOLUME	476221.821	3744814.734	464.00
LOCATION L0000628	VOLUME	476220.767	3744828.694	464.00
LOCATION L0000629	VOLUME	476219.714	3744842.655	464.00
LOCATION L0000630	VOLUME	476218.660	3744856.615	464.00
LOCATION L0000631	VOLUME	476217.607	3744870.575	464.00
LOCATION L0000632	VOLUME	476216.553	3744884.536	464.00
LOCATION L0000633	VOLUME	476216.099	3744898.528	464.00
LOCATION L0000634	VOLUME	476215.650	3744912.521	464.00
LOCATION L0000635	VOLUME	476215.201	3744926.514	464.00
LOCATION L0000636	VOLUME	476214.752	3744940.507	464.00
LOCATION L0000637	VOLUME	476214.303	3744954.499	464.00

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** End of LINE VOLUME Source ID = SLINE6
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Cajalco 10%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.853E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 476363.180, 3744622.368, 463.00, 3.49, 6.51
** 476402.457, 3744671.247, 461.96, 3.49, 6.51
** 476434.315, 3744704.414, 461.02, 3.49, 6.51
** 476468.792, 3744729.726, 460.90, 3.49, 6.51
** 476535.564, 3744768.567, 459.94, 3.49, 6.51
** 476604.517, 3744799.553, 458.05, 3.49, 6.51
** 476868.112, 3744894.255, 456.00, 3.49, 6.51
** -----
LOCATION L0000638      VOLUME  476367.564 3744627.825 462.77
LOCATION L0000639      VOLUME  476376.334 3744638.738 462.34
LOCATION L0000640      VOLUME  476385.103 3744649.651 462.00
LOCATION L0000641      VOLUME  476393.873 3744660.564 462.00
LOCATION L0000642      VOLUME  476402.662 3744671.460 462.00
LOCATION L0000643      VOLUME  476412.360 3744681.557 461.92
LOCATION L0000644      VOLUME  476422.058 3744691.654 461.59
LOCATION L0000645      VOLUME  476431.756 3744701.750 461.27
LOCATION L0000646      VOLUME  476442.623 3744710.514 460.92
LOCATION L0000647      VOLUME  476453.908 3744718.799 460.73
LOCATION L0000648      VOLUME  476465.193 3744727.084 460.74
LOCATION L0000649      VOLUME  476477.034 3744734.521 460.72
LOCATION L0000650      VOLUME  476489.136 3744741.560 460.29
LOCATION L0000651      VOLUME  476501.237 3744748.600 460.00
LOCATION L0000652      VOLUME  476513.339 3744755.639 460.00
LOCATION L0000653      VOLUME  476525.440 3744762.679 460.00
LOCATION L0000654      VOLUME  476537.651 3744769.505 459.74
LOCATION L0000655      VOLUME  476550.421 3744775.244 459.31
LOCATION L0000656      VOLUME  476563.191 3744780.982 458.89
LOCATION L0000657      VOLUME  476575.961 3744786.721 458.46
LOCATION L0000658      VOLUME  476588.731 3744792.459 458.04
LOCATION L0000659      VOLUME  476601.501 3744798.197 458.00
LOCATION L0000660      VOLUME  476614.580 3744803.168 458.00
LOCATION L0000661      VOLUME  476627.756 3744807.902 457.90
LOCATION L0000662      VOLUME  476640.931 3744812.635 457.61
LOCATION L0000663      VOLUME  476654.107 3744817.369 457.25
LOCATION L0000664      VOLUME  476667.282 3744822.103 457.06
LOCATION L0000665      VOLUME  476680.458 3744826.836 457.00
LOCATION L0000666      VOLUME  476693.633 3744831.570 457.00
LOCATION L0000667      VOLUME  476706.809 3744836.303 457.00
LOCATION L0000668      VOLUME  476719.984 3744841.037 457.00
LOCATION L0000669      VOLUME  476733.160 3744845.770 457.00
LOCATION L0000670      VOLUME  476746.335 3744850.504 457.00
LOCATION L0000671      VOLUME  476759.511 3744855.238 457.00
LOCATION L0000672      VOLUME  476772.686 3744859.971 457.00
LOCATION L0000673      VOLUME  476785.862 3744864.705 457.00
LOCATION L0000674      VOLUME  476799.037 3744869.438 456.00
LOCATION L0000675      VOLUME  476812.213 3744874.172 456.00
LOCATION L0000676      VOLUME  476825.388 3744878.905 456.00
LOCATION L0000677      VOLUME  476838.564 3744883.639 456.00
LOCATION L0000678      VOLUME  476851.739 3744888.373 456.00
LOCATION L0000679      VOLUME  476864.915 3744893.106 456.00
** End of LINE VOLUME Source ID = SLINE7
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8

```


** DESCRSRC Harvill 25%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.895E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
** 476650.928, 3744395.907, 459.25, 3.49, 6.51
** 476675.838, 3744365.322, 459.04, 3.49, 6.51
** 476693.180, 3744335.683, 459.27, 3.49, 6.51
** 476704.216, 3744306.989, 459.06, 3.49, 6.51
** 476715.252, 3744276.719, 458.94, 3.49, 6.51
** 476721.873, 3744234.782, 459.14, 3.49, 6.51
** 476724.080, 3744218.071, 459.22, 3.49, 6.51
** 476723.450, 3744178.341, 459.62, 3.49, 6.51

LOCATION L0000680 VOLUME 476655.348 3744390.480 459.43
LOCATION L0000681 VOLUME 476664.189 3744379.624 459.46
LOCATION L0000682 VOLUME 476673.030 3744368.769 459.23
LOCATION L0000683 VOLUME 476680.663 3744357.076 458.99
LOCATION L0000684 VOLUME 476687.733 3744344.992 459.03
LOCATION L0000685 VOLUME 476694.334 3744332.683 459.23
LOCATION L0000686 VOLUME 476699.359 3744319.616 459.31
LOCATION L0000687 VOLUME 476704.377 3744306.546 459.18
LOCATION L0000688 VOLUME 476709.173 3744293.393 459.02
LOCATION L0000689 VOLUME 476713.968 3744280.240 458.86
LOCATION L0000690 VOLUME 476716.851 3744266.592 458.77
LOCATION L0000691 VOLUME 476719.034 3744252.763 458.73
LOCATION L0000692 VOLUME 476721.218 3744238.935 458.84
LOCATION L0000693 VOLUME 476723.156 3744225.071 459.02
LOCATION L0000694 VOLUME 476723.970 3744211.132 459.27
LOCATION L0000695 VOLUME 476723.748 3744197.134 459.52
LOCATION L0000696 VOLUME 476723.526 3744183.136 459.54

** End of LINE VOLUME Source ID = SLINE8

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Cajalco 65%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 7.654E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 476735.113, 3744178.336, 459.21, 3.49, 4.00

** 476876.836, 3744182.263, 457.00, 3.49, 4.00

LOCATION L0000697 VOLUME 476739.407 3744178.455 459.01
LOCATION L0000698 VOLUME 476747.993 3744178.693 458.89
LOCATION L0000699 VOLUME 476756.580 3744178.931 458.76
LOCATION L0000700 VOLUME 476765.167 3744179.169 458.63
LOCATION L0000701 VOLUME 476773.753 3744179.407 458.56
LOCATION L0000702 VOLUME 476782.340 3744179.644 458.55
LOCATION L0000703 VOLUME 476790.927 3744179.882 458.00
LOCATION L0000704 VOLUME 476799.513 3744180.120 458.00
LOCATION L0000705 VOLUME 476808.100 3744180.358 457.73
LOCATION L0000706 VOLUME 476816.687 3744180.596 457.44
LOCATION L0000707 VOLUME 476825.274 3744180.834 457.15
LOCATION L0000708 VOLUME 476833.860 3744181.072 457.00
LOCATION L0000709 VOLUME 476842.447 3744181.310 457.00
LOCATION L0000710 VOLUME 476851.034 3744181.548 457.00
LOCATION L0000711 VOLUME 476859.620 3744181.786 457.00
LOCATION L0000712 VOLUME 476868.207 3744182.024 457.00
LOCATION L0000713 VOLUME 476876.794 3744182.262 457.00

```

** End of LINE VOLUME Source ID = SLINE9
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC Onsite N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.785E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 476707.133, 3744438.598, 458.02, 3.49, 4.00
** 476711.608, 3744449.337, 458.10, 3.49, 4.00
** 476752.330, 3744478.648, 457.66, 3.49, 4.00
** 476791.933, 3744370.131, 457.00, 3.49, 4.00
** -----
LOCATION L0000731      VOLUME  476708.785 3744442.562 458.04
LOCATION L0000732      VOLUME  476712.623 3744450.068 458.00
LOCATION L0000733      VOLUME  476719.595 3744455.086 458.00
LOCATION L0000734      VOLUME  476726.566 3744460.104 458.00
LOCATION L0000735      VOLUME  476733.538 3744465.122 458.00
LOCATION L0000736      VOLUME  476740.510 3744470.140 457.98
LOCATION L0000737      VOLUME  476747.482 3744475.159 457.75
LOCATION L0000738      VOLUME  476753.227 3744476.190 457.55
LOCATION L0000739      VOLUME  476756.172 3744468.120 457.46
LOCATION L0000740      VOLUME  476759.117 3744460.051 457.36
LOCATION L0000741      VOLUME  476762.062 3744451.982 457.26
LOCATION L0000742      VOLUME  476765.007 3744443.912 457.16
LOCATION L0000743      VOLUME  476767.952 3744435.843 457.06
LOCATION L0000744      VOLUME  476770.897 3744427.773 457.00
LOCATION L0000745      VOLUME  476773.841 3744419.704 457.00
LOCATION L0000746      VOLUME  476776.786 3744411.635 457.00
LOCATION L0000747      VOLUME  476779.731 3744403.565 457.00
LOCATION L0000748      VOLUME  476782.676 3744395.496 457.00
LOCATION L0000749      VOLUME  476785.621 3744387.426 457.00
LOCATION L0000750      VOLUME  476788.566 3744379.357 457.00
LOCATION L0000751      VOLUME  476791.511 3744371.287 457.00
** End of LINE VOLUME Source ID = SLINE10
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC Idling 40 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.108E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476772.019, 3744491.771, 457.02, 3.49, 4.00
** 476813.610, 3744378.318, 457.00, 3.49, 4.00
** -----
LOCATION L0000824      VOLUME  476773.498 3744487.738 457.00
LOCATION L0000825      VOLUME  476776.454 3744479.673 457.00
LOCATION L0000826      VOLUME  476779.411 3744471.608 457.00
LOCATION L0000827      VOLUME  476782.367 3744463.543 457.00
LOCATION L0000828      VOLUME  476785.324 3744455.478 457.00
LOCATION L0000829      VOLUME  476788.281 3744447.412 457.00
LOCATION L0000830      VOLUME  476791.237 3744439.347 457.00
LOCATION L0000831      VOLUME  476794.194 3744431.282 457.00
LOCATION L0000832      VOLUME  476797.150 3744423.217 457.00
LOCATION L0000833      VOLUME  476800.107 3744415.152 457.00
LOCATION L0000834      VOLUME  476803.064 3744407.087 457.00
LOCATION L0000835      VOLUME  476806.020 3744399.021 457.00
LOCATION L0000836      VOLUME  476808.977 3744390.956 457.00

```

```

LOCATION L0000837      VOLUME  476811.933 3744382.891 457.00
** End of LINE VOLUME Source ID = SLINE11
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC Idling 34 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.492E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476738.063, 3744461.236, 457.98, 3.49, 4.00
** 476774.388, 3744364.103, 457.07, 3.49, 4.00
** -----
LOCATION L0000838      VOLUME  476739.567 3744457.213 458.00
LOCATION L0000839      VOLUME  476742.576 3744449.167 457.91
LOCATION L0000840      VOLUME  476745.585 3744441.121 457.81
LOCATION L0000841      VOLUME  476748.594 3744433.076 457.64
LOCATION L0000842      VOLUME  476751.603 3744425.030 457.38
LOCATION L0000843      VOLUME  476754.612 3744416.984 457.18
LOCATION L0000844      VOLUME  476757.621 3744408.938 457.04
LOCATION L0000845      VOLUME  476760.630 3744400.893 457.05
LOCATION L0000846      VOLUME  476763.639 3744392.847 457.09
LOCATION L0000847      VOLUME  476766.648 3744384.801 457.08
LOCATION L0000848      VOLUME  476769.657 3744376.755 457.01
LOCATION L0000849      VOLUME  476772.666 3744368.710 457.00
** End of LINE VOLUME Source ID = SLINE12
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC Idling 32 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.287E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476724.901, 3744449.390, 458.08, 3.49, 4.00
** 476758.331, 3744358.312, 457.50, 3.49, 4.00
** -----
LOCATION L0000850      VOLUME  476726.381 3744445.358 458.00
LOCATION L0000851      VOLUME  476729.341 3744437.294 458.00
LOCATION L0000852      VOLUME  476732.301 3744429.231 457.83
LOCATION L0000853      VOLUME  476735.261 3744421.167 457.58
LOCATION L0000854      VOLUME  476738.220 3744413.103 457.27
LOCATION L0000855      VOLUME  476741.180 3744405.039 457.04
LOCATION L0000856      VOLUME  476744.140 3744396.975 457.26
LOCATION L0000857      VOLUME  476747.100 3744388.911 457.44
LOCATION L0000858      VOLUME  476750.060 3744380.847 457.56
LOCATION L0000859      VOLUME  476753.020 3744372.783 457.56
LOCATION L0000860      VOLUME  476755.980 3744364.719 457.46
** End of LINE VOLUME Source ID = SLINE13
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE14
** DESCRSRC Idling 12 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.232E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2

```

** 476709.370, 3744382.003, 458.06, 3.49, 4.00

** 476722.005, 3744347.783, 458.72, 3.49, 4.00

**

LOCATION L0000861 VOLUME 476710.858 3744377.974 458.00
LOCATION L0000862 VOLUME 476713.833 3744369.916 458.18
LOCATION L0000863 VOLUME 476716.809 3744361.857 458.37
LOCATION L0000864 VOLUME 476719.784 3744353.799 458.50

** End of LINE VOLUME Source ID = SLINE14

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM L0000814	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000815	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000816	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000817	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000818	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000819	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000820	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000821	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000822	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000823	0.0000003843	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE2

SRCPARAM L0000359 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000360 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000361 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000362 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000363 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000364 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000365 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000366 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000367 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000368 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000369 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000370 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000371 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000372 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000373 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000374 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000375 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000376 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000377 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000378 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000379 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000380 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000381 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000382 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000383 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000384 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000385 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000386 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000387 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000388 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000389 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000390 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000391 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000392 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000393 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000394 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000395 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000396 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000397 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000398 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000399 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000400 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000401 0.0000001826 3.49 4.00 3.25
SRCPARAM L0000402 0.0000001826 3.49 4.00 3.25

SRCPARAM	L0000734	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000735	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000736	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000737	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000738	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000739	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000740	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000741	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000742	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000743	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000744	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000745	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000746	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000747	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000748	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000749	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000750	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000751	0.0000001802	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE11

SRCPARAM	L0000824	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000825	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000826	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000827	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000828	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000829	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000830	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000831	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000832	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000833	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000834	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000835	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000836	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000837	0.0000002934	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE12

SRCPARAM	L0000838	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000839	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000840	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000841	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000842	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000843	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000844	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000845	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000846	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000847	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000848	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000849	0.000000291	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE13

SRCPARAM	L0000850	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000851	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000852	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000853	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000854	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000855	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000856	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000857	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000858	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000859	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000860	0.0000002988	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE14

SRCPARAM	L0000861	0.000000308	3.49	4.00	3.25
SRCPARAM	L0000862	0.000000308	3.49	4.00	3.25
SRCPARAM	L0000863	0.000000308	3.49	4.00	3.25

SRCPARAM L0000864 0.000000308 3.49 4.00 3.25

** -----

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14231 Ops.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14231 Ops.AD\AN00GALL.PLT" 31
SUMMFILE "14231 Ops.sum"

OU FINISHED
**

** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 11
** ZONEINX 0

**

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 7/27/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231 Ops\14231 Ops.ADI
**

**
**

** AERMOD Control Pathway

**
**
CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill Industrial\14231
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14231 Ops.err"

CO FINISHED
**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idling Loading Dock
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.843E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476729.783, 3744311.179, 458.35, 3.49, 4.00
** 476812.043, 3744339.946, 457.00, 3.49, 4.00
** -----

LOCATION	VOLUME	X Coord.	Y Coord.	Z
L0000814	476733.837	3744312.597	458.20	
L0000815	476741.946	3744315.432	457.93	
L0000816	476750.054	3744318.268	457.66	
L0000817	476758.163	3744321.103	457.39	
L0000818	476766.271	3744323.939	457.12	
L0000819	476774.379	3744326.775	457.00	
L0000820	476782.488	3744329.610	457.00	
L0000821	476790.596	3744332.446	457.00	
L0000822	476798.705	3744335.282	457.00	
L0000823	476806.813	3744338.117	457.00	

** End of LINE VOLUME Source ID = SLINE1
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 8.766E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 476657.151, 3744403.781, 459.10, 3.49, 4.00
** 476677.360, 3744421.493, 458.92, 3.49, 4.00
** 476705.652, 3744431.003, 458.05, 3.49, 4.00
** 476711.001, 3744430.171, 458.03, 3.49, 4.00
** 476712.427, 3744428.269, 458.05, 3.49, 4.00
** 476741.551, 3744348.624, 458.00, 3.49, 4.00
** 476747.970, 3744343.512, 457.92, 3.49, 4.00
** 476812.281, 3744365.504, 457.00, 3.49, 4.00
** 476817.036, 3744363.602, 457.00, 3.49, 4.00
** 476871.242, 3744212.633, 457.00, 3.49, 4.00
** 476873.144, 3744205.501, 457.00, 3.49, 4.00
** 476873.382, 3744198.012, 457.00, 3.49, 4.00
** 476873.619, 3744193.257, 457.00, 3.49, 4.00

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LOCATION L0000359      VOLUME  476660.381 3744406.612 459.00
LOCATION L0000360      VOLUME  476666.841 3744412.274 459.00
LOCATION L0000361      VOLUME  476673.301 3744417.936 459.00
LOCATION L0000362      VOLUME  476680.386 3744422.510 458.98
LOCATION L0000363      VOLUME  476688.529 3744425.247 458.71
LOCATION L0000364      VOLUME  476696.671 3744427.984 458.44
LOCATION L0000365      VOLUME  476704.813 3744430.721 458.17
LOCATION L0000366      VOLUME  476712.376 3744428.337 457.98
LOCATION L0000367      VOLUME  476715.348 3744420.281 457.90
LOCATION L0000368      VOLUME  476718.298 3744412.214 457.78
LOCATION L0000369      VOLUME  476721.248 3744404.146 457.65
LOCATION L0000370      VOLUME  476724.198 3744396.079 457.68
LOCATION L0000371      VOLUME  476727.148 3744388.011 457.77
LOCATION L0000372      VOLUME  476730.098 3744379.944 457.92
LOCATION L0000373      VOLUME  476733.049 3744371.876 458.03
LOCATION L0000374      VOLUME  476735.999 3744363.809 458.05
LOCATION L0000375      VOLUME  476738.949 3744355.741 458.02
LOCATION L0000376      VOLUME  476742.343 3744347.994 457.92
LOCATION L0000377      VOLUME  476749.291 3744343.964 457.69
LOCATION L0000378      VOLUME  476757.419 3744346.743 457.41
LOCATION L0000379      VOLUME  476765.547 3744349.523 457.14
LOCATION L0000380      VOLUME  476773.675 3744352.302 457.00
LOCATION L0000381      VOLUME  476781.803 3744355.082 457.00
LOCATION L0000382      VOLUME  476789.931 3744357.861 457.00
LOCATION L0000383      VOLUME  476798.059 3744360.640 457.00
LOCATION L0000384      VOLUME  476806.187 3744363.420 457.00
LOCATION L0000385      VOLUME  476814.277 3744366.705 457.00
LOCATION L0000386      VOLUME  476818.934 3744358.314 457.00
LOCATION L0000387      VOLUME  476821.837 3744350.229 457.00
LOCATION L0000388      VOLUME  476824.740 3744342.145 457.00
LOCATION L0000389      VOLUME  476827.643 3744334.060 457.00
LOCATION L0000390      VOLUME  476830.546 3744325.975 457.00
LOCATION L0000391      VOLUME  476833.449 3744317.891 457.00
LOCATION L0000392      VOLUME  476836.351 3744309.806 457.00
LOCATION L0000393      VOLUME  476839.254 3744301.721 457.00
LOCATION L0000394      VOLUME  476842.157 3744293.637 457.00
LOCATION L0000395      VOLUME  476845.060 3744285.552 457.00
LOCATION L0000396      VOLUME  476847.963 3744277.467 457.00
LOCATION L0000397      VOLUME  476850.866 3744269.383 457.00
LOCATION L0000398      VOLUME  476853.768 3744261.298 457.00
LOCATION L0000399      VOLUME  476856.671 3744253.213 457.00
LOCATION L0000400      VOLUME  476859.574 3744245.129 457.00
LOCATION L0000401      VOLUME  476862.477 3744237.044 457.00
LOCATION L0000402      VOLUME  476865.380 3744228.959 457.00
LOCATION L0000403      VOLUME  476868.283 3744220.875 457.00
LOCATION L0000404      VOLUME  476871.185 3744212.790 457.00
LOCATION L0000405      VOLUME  476873.177 3744204.460 457.00

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LOCATION L0000406      VOLUME  476873.488 3744195.876 457.00
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Harvill 60%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.00001059
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 26
** 476724.664, 3744176.991, 459.58, 3.49, 6.51
** 476723.456, 3744131.697, 460.05, 3.49, 6.51
** 476724.664, 3744110.560, 460.05, 3.49, 6.51
** 476733.119, 3744074.324, 459.97, 3.49, 6.51
** 476813.147, 3743844.276, 458.00, 3.49, 6.51
** 476834.785, 3743780.271, 457.94, 3.49, 6.51
** 476855.968, 3743720.595, 458.07, 3.49, 6.51
** 476886.262, 3743639.507, 459.07, 3.49, 6.51
** 476924.073, 3743533.136, 460.00, 3.49, 6.51
** 476977.828, 3743385.083, 460.01, 3.49, 6.51
** 477006.983, 3743299.895, 460.03, 3.49, 6.51
** 477016.550, 3743278.029, 460.15, 3.49, 6.51
** 477025.433, 3743238.168, 460.52, 3.49, 6.51
** 477038.416, 3743189.197, 460.12, 3.49, 6.51
** 477063.927, 3743116.537, 460.00, 3.49, 6.51
** 477128.842, 3742943.428, 459.09, 3.49, 6.51
** 477180.319, 3742797.652, 459.16, 3.49, 6.51
** 477220.863, 3742686.954, 458.93, 3.49, 6.51
** 477232.935, 3742653.699, 458.77, 3.49, 6.51
** 477242.274, 3742611.333, 458.12, 3.49, 6.51
** 477244.096, 3742573.750, 458.10, 3.49, 6.51
** 477279.174, 3742575.800, 458.00, 3.49, 6.51
** 477313.795, 3742576.711, 456.99, 3.49, 6.51
** 477394.200, 3742577.394, 455.98, 3.49, 6.51
** 477444.766, 3742576.028, 454.62, 3.49, 6.51
** 477678.462, 3742571.472, 451.00, 3.49, 6.51
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LOCATION L0000407      VOLUME  476724.477 3744169.993 459.51
LOCATION L0000408      VOLUME  476724.104 3744155.998 459.69
LOCATION L0000409      VOLUME  476723.731 3744142.003 459.91
LOCATION L0000410      VOLUME  476723.667 3744128.013 460.00
LOCATION L0000411      VOLUME  476724.465 3744114.036 460.00
LOCATION L0000412      VOLUME  476727.054 3744100.316 460.00
LOCATION L0000413      VOLUME  476730.235 3744086.683 460.00
LOCATION L0000414      VOLUME  476733.549 3744073.087 460.00
LOCATION L0000415      VOLUME  476738.149 3744059.864 460.00
LOCATION L0000416      VOLUME  476742.749 3744046.642 459.90
LOCATION L0000417      VOLUME  476747.349 3744033.419 459.75
LOCATION L0000418      VOLUME  476751.949 3744020.196 459.60
LOCATION L0000419      VOLUME  476756.549 3744006.973 459.44
LOCATION L0000420      VOLUME  476761.148 3743993.751 459.29
LOCATION L0000421      VOLUME  476765.748 3743980.528 459.14
LOCATION L0000422      VOLUME  476770.348 3743967.305 459.00
LOCATION L0000423      VOLUME  476774.948 3743954.082 459.00
LOCATION L0000424      VOLUME  476779.548 3743940.860 459.00
LOCATION L0000425      VOLUME  476784.148 3743927.637 459.00
LOCATION L0000426      VOLUME  476788.748 3743914.414 459.00
LOCATION L0000427      VOLUME  476793.347 3743901.191 459.00
LOCATION L0000428      VOLUME  476797.947 3743887.969 459.00
LOCATION L0000429      VOLUME  476802.547 3743874.746 458.91
LOCATION L0000430      VOLUME  476807.147 3743861.523 458.64
LOCATION L0000431      VOLUME  476811.747 3743848.300 458.24
LOCATION L0000432      VOLUME  476816.266 3743835.050 457.98

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LOCATION	L0000433	VOLUME	476820.750	3743821.787	457.67
LOCATION	L0000434	VOLUME	476825.234	3743808.525	457.22
LOCATION	L0000435	VOLUME	476829.717	3743795.262	457.37
LOCATION	L0000436	VOLUME	476834.201	3743782.000	457.69
LOCATION	L0000437	VOLUME	476838.858	3743768.797	457.77
LOCATION	L0000438	VOLUME	476843.542	3743755.604	457.86
LOCATION	L0000439	VOLUME	476848.225	3743742.410	458.05
LOCATION	L0000440	VOLUME	476852.908	3743729.217	458.13
LOCATION	L0000441	VOLUME	476857.666	3743716.051	458.08
LOCATION	L0000442	VOLUME	476862.566	3743702.936	458.40
LOCATION	L0000443	VOLUME	476867.465	3743689.821	458.66
LOCATION	L0000444	VOLUME	476872.365	3743676.707	458.71
LOCATION	L0000445	VOLUME	476877.264	3743663.592	458.86
LOCATION	L0000446	VOLUME	476882.164	3743650.477	459.00
LOCATION	L0000447	VOLUME	476887.029	3743637.350	459.00
LOCATION	L0000448	VOLUME	476891.718	3743624.159	459.06
LOCATION	L0000449	VOLUME	476896.407	3743610.967	459.40
LOCATION	L0000450	VOLUME	476901.096	3743597.776	459.59
LOCATION	L0000451	VOLUME	476905.785	3743584.585	459.67
LOCATION	L0000452	VOLUME	476910.474	3743571.393	459.88
LOCATION	L0000453	VOLUME	476915.163	3743558.202	460.00
LOCATION	L0000454	VOLUME	476919.852	3743545.010	460.00
LOCATION	L0000455	VOLUME	476924.550	3743531.822	460.00
LOCATION	L0000456	VOLUME	476929.328	3743518.663	460.00
LOCATION	L0000457	VOLUME	476934.106	3743505.503	460.00
LOCATION	L0000458	VOLUME	476938.884	3743492.344	460.00
LOCATION	L0000459	VOLUME	476943.662	3743479.184	460.00
LOCATION	L0000460	VOLUME	476948.440	3743466.025	460.02
LOCATION	L0000461	VOLUME	476953.218	3743452.865	460.00
LOCATION	L0000462	VOLUME	476957.995	3743439.706	460.16
LOCATION	L0000463	VOLUME	476962.773	3743426.546	460.37
LOCATION	L0000464	VOLUME	476967.551	3743413.387	460.41
LOCATION	L0000465	VOLUME	476972.329	3743400.227	460.25
LOCATION	L0000466	VOLUME	476977.107	3743387.068	460.09
LOCATION	L0000467	VOLUME	476981.677	3743373.835	460.39
LOCATION	L0000468	VOLUME	476986.211	3743360.589	460.67
LOCATION	L0000469	VOLUME	476990.744	3743347.344	460.64
LOCATION	L0000470	VOLUME	476995.277	3743334.098	460.49
LOCATION	L0000471	VOLUME	476999.810	3743320.852	460.34
LOCATION	L0000472	VOLUME	477004.344	3743307.607	460.18
LOCATION	L0000473	VOLUME	477009.328	3743294.536	460.02
LOCATION	L0000474	VOLUME	477014.939	3743281.710	460.00
LOCATION	L0000475	VOLUME	477018.721	3743268.286	460.00
LOCATION	L0000476	VOLUME	477021.766	3743254.621	460.23
LOCATION	L0000477	VOLUME	477024.811	3743240.956	460.42
LOCATION	L0000478	VOLUME	477028.288	3743227.397	460.39
LOCATION	L0000479	VOLUME	477031.876	3743213.864	460.27
LOCATION	L0000480	VOLUME	477035.464	3743200.332	460.15
LOCATION	L0000481	VOLUME	477039.237	3743186.857	460.02
LOCATION	L0000482	VOLUME	477043.875	3743173.647	460.00
LOCATION	L0000483	VOLUME	477048.513	3743160.438	460.00
LOCATION	L0000484	VOLUME	477053.151	3743147.228	460.00
LOCATION	L0000485	VOLUME	477057.789	3743134.019	460.00
LOCATION	L0000486	VOLUME	477062.427	3743120.809	460.00
LOCATION	L0000487	VOLUME	477067.252	3743107.668	460.02
LOCATION	L0000488	VOLUME	477072.168	3743094.559	460.00
LOCATION	L0000489	VOLUME	477077.084	3743081.451	460.00
LOCATION	L0000490	VOLUME	477082.000	3743068.342	460.00
LOCATION	L0000491	VOLUME	477086.915	3743055.233	460.00
LOCATION	L0000492	VOLUME	477091.831	3743042.125	460.00
LOCATION	L0000493	VOLUME	477096.747	3743029.016	460.00
LOCATION	L0000494	VOLUME	477101.662	3743015.908	459.94
LOCATION	L0000495	VOLUME	477106.578	3743002.799	459.78
LOCATION	L0000496	VOLUME	477111.494	3742989.690	459.61
LOCATION	L0000497	VOLUME	477116.410	3742976.582	459.45
LOCATION	L0000498	VOLUME	477121.325	3742963.473	459.28

LOCATION L0000499	VOLUME	477126.241	3742950.365	459.12
LOCATION L0000500	VOLUME	477131.037	3742937.212	459.00
LOCATION L0000501	VOLUME	477135.699	3742924.011	459.33
LOCATION L0000502	VOLUME	477140.360	3742910.810	459.55
LOCATION L0000503	VOLUME	477145.022	3742897.609	459.49
LOCATION L0000504	VOLUME	477149.684	3742884.408	459.34
LOCATION L0000505	VOLUME	477154.345	3742871.207	459.18
LOCATION L0000506	VOLUME	477159.007	3742858.006	459.03
LOCATION L0000507	VOLUME	477163.669	3742844.805	458.88
LOCATION L0000508	VOLUME	477168.330	3742831.604	458.85
LOCATION L0000509	VOLUME	477172.992	3742818.402	458.97
LOCATION L0000510	VOLUME	477177.654	3742805.201	459.15
LOCATION L0000511	VOLUME	477182.381	3742792.024	459.20
LOCATION L0000512	VOLUME	477187.196	3742778.878	459.09
LOCATION L0000513	VOLUME	477192.010	3742765.732	458.93
LOCATION L0000514	VOLUME	477196.825	3742752.586	458.77
LOCATION L0000515	VOLUME	477201.640	3742739.440	458.61
LOCATION L0000516	VOLUME	477206.455	3742726.294	458.45
LOCATION L0000517	VOLUME	477211.270	3742713.148	458.60
LOCATION L0000518	VOLUME	477216.084	3742700.002	458.89
LOCATION L0000519	VOLUME	477220.899	3742686.856	458.97
LOCATION L0000520	VOLUME	477225.676	3742673.696	458.81
LOCATION L0000521	VOLUME	477230.453	3742660.536	458.65
LOCATION L0000522	VOLUME	477234.383	3742647.130	458.52
LOCATION L0000523	VOLUME	477237.397	3742633.459	458.42
LOCATION L0000524	VOLUME	477240.411	3742619.787	458.32
LOCATION L0000525	VOLUME	477242.533	3742605.996	458.24
LOCATION L0000526	VOLUME	477243.211	3742592.012	458.22
LOCATION L0000527	VOLUME	477243.889	3742578.029	458.20
LOCATION L0000528	VOLUME	477253.796	3742574.317	458.05
LOCATION L0000529	VOLUME	477267.772	3742575.134	458.01
LOCATION L0000530	VOLUME	477281.752	3742575.868	457.94
LOCATION L0000531	VOLUME	477295.747	3742576.236	457.47
LOCATION L0000532	VOLUME	477309.742	3742576.604	457.00
LOCATION L0000533	VOLUME	477323.740	3742576.796	456.54
LOCATION L0000534	VOLUME	477337.740	3742576.915	456.07
LOCATION L0000535	VOLUME	477351.739	3742577.033	456.00
LOCATION L0000536	VOLUME	477365.739	3742577.152	456.00
LOCATION L0000537	VOLUME	477379.738	3742577.271	455.99
LOCATION L0000538	VOLUME	477393.738	3742577.390	455.97
LOCATION L0000539	VOLUME	477407.733	3742577.029	455.72
LOCATION L0000540	VOLUME	477421.728	3742576.650	455.27
LOCATION L0000541	VOLUME	477435.722	3742576.272	454.81
LOCATION L0000542	VOLUME	477449.718	3742575.931	454.34
LOCATION L0000543	VOLUME	477463.715	3742575.658	454.01
LOCATION L0000544	VOLUME	477477.713	3742575.385	454.01
LOCATION L0000545	VOLUME	477491.710	3742575.113	453.94
LOCATION L0000546	VOLUME	477505.708	3742574.840	453.50
LOCATION L0000547	VOLUME	477519.705	3742574.567	453.06
LOCATION L0000548	VOLUME	477533.702	3742574.294	453.03
LOCATION L0000549	VOLUME	477547.700	3742574.021	453.01
LOCATION L0000550	VOLUME	477561.697	3742573.748	452.64
LOCATION L0000551	VOLUME	477575.694	3742573.475	452.22
LOCATION L0000552	VOLUME	477589.692	3742573.203	452.07
LOCATION L0000553	VOLUME	477603.689	3742572.930	452.02
LOCATION L0000554	VOLUME	477617.686	3742572.657	451.77
LOCATION L0000555	VOLUME	477631.684	3742572.384	451.36
LOCATION L0000556	VOLUME	477645.681	3742572.111	451.11
LOCATION L0000557	VOLUME	477659.678	3742571.838	451.05
LOCATION L0000558	VOLUME	477673.676	3742571.566	451.00

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Harvill 40%

** PREFIX

** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.195E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 476651.214, 3744398.051, 459.17, 3.49, 6.51
** 476633.321, 3744412.452, 459.64, 3.49, 6.51
** 476597.098, 3744438.201, 460.03, 3.49, 6.51
** 476506.760, 3744500.172, 461.90, 3.49, 6.51
** 476416.422, 3744563.016, 462.10, 3.49, 6.51
** 476357.943, 3744606.221, 463.00, 3.49, 6.51

LOCATION L0000559 VOLUME 476645.761 3744402.440 459.24
LOCATION L0000560 VOLUME 476634.854 3744411.218 459.50
LOCATION L0000561 VOLUME 476623.515 3744419.423 459.88
LOCATION L0000562 VOLUME 476612.104 3744427.534 460.00
LOCATION L0000563 VOLUME 476600.693 3744435.646 460.00
LOCATION L0000564 VOLUME 476589.190 3744443.626 460.02
LOCATION L0000565 VOLUME 476577.646 3744451.545 460.41
LOCATION L0000566 VOLUME 476566.101 3744459.465 460.79
LOCATION L0000567 VOLUME 476554.556 3744467.384 461.00
LOCATION L0000568 VOLUME 476543.012 3744475.304 461.00
LOCATION L0000569 VOLUME 476531.467 3744483.223 461.00
LOCATION L0000570 VOLUME 476519.922 3744491.143 461.33
LOCATION L0000571 VOLUME 476508.377 3744499.063 461.65
LOCATION L0000572 VOLUME 476496.877 3744507.047 461.67
LOCATION L0000573 VOLUME 476485.385 3744515.042 461.67
LOCATION L0000574 VOLUME 476473.892 3744523.037 461.88
LOCATION L0000575 VOLUME 476462.399 3744531.032 462.00
LOCATION L0000576 VOLUME 476450.907 3744539.027 462.00
LOCATION L0000577 VOLUME 476439.414 3744547.021 462.00
LOCATION L0000578 VOLUME 476427.921 3744555.016 462.02
LOCATION L0000579 VOLUME 476416.429 3744563.011 462.00
LOCATION L0000580 VOLUME 476405.168 3744571.330 462.16
LOCATION L0000581 VOLUME 476393.908 3744579.649 462.53
LOCATION L0000582 VOLUME 476382.648 3744587.968 462.91
LOCATION L0000583 VOLUME 476371.388 3744596.288 463.00
LOCATION L0000584 VOLUME 476360.128 3744604.607 463.00

** End of LINE VOLUME Source ID = SLINE4

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Cajalco 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 4.372E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

** 476349.651, 3744595.311, 463.00, 3.49, 6.51
** 476299.027, 3744515.883, 463.81, 3.49, 6.51
** 476234.001, 3744424.236, 465.89, 3.49, 6.51
** 476172.902, 3744341.317, 467.08, 3.49, 6.51
** 476145.845, 3744309.895, 468.14, 3.49, 6.51

LOCATION L0000585 VOLUME 476345.888 3744589.408 463.00
LOCATION L0000586 VOLUME 476338.364 3744577.602 463.00
LOCATION L0000587 VOLUME 476330.839 3744565.796 463.00
LOCATION L0000588 VOLUME 476323.314 3744553.990 463.00
LOCATION L0000589 VOLUME 476315.790 3744542.184 463.13
LOCATION L0000590 VOLUME 476308.265 3744530.378 463.39
LOCATION L0000591 VOLUME 476300.740 3744518.572 463.73
LOCATION L0000592 VOLUME 476292.771 3744507.066 463.96
LOCATION L0000593 VOLUME 476284.669 3744495.648 464.19

LOCATION L0000594	VOLUME	476276.568	3744484.230	464.66
LOCATION L0000595	VOLUME	476268.467	3744472.812	464.94
LOCATION L0000596	VOLUME	476260.365	3744461.394	465.00
LOCATION L0000597	VOLUME	476252.264	3744449.976	465.14
LOCATION L0000598	VOLUME	476244.163	3744438.558	465.48
LOCATION L0000599	VOLUME	476236.062	3744427.140	465.86
LOCATION L0000600	VOLUME	476227.808	3744415.832	466.00
LOCATION L0000601	VOLUME	476219.504	3744404.561	466.05
LOCATION L0000602	VOLUME	476211.199	3744393.290	466.43
LOCATION L0000603	VOLUME	476202.894	3744382.020	466.81
LOCATION L0000604	VOLUME	476194.589	3744370.749	467.00
LOCATION L0000605	VOLUME	476186.285	3744359.478	467.00
LOCATION L0000606	VOLUME	476177.980	3744348.207	467.00
LOCATION L0000607	VOLUME	476169.352	3744337.194	467.31
LOCATION L0000608	VOLUME	476160.217	3744326.585	467.76
LOCATION L0000609	VOLUME	476151.082	3744315.976	468.00

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Harvill 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 4.942E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 9

** 476344.850, 3744614.949, 463.00, 3.49, 6.51

** 476331.321, 3744623.678, 463.06, 3.49, 6.51

** 476292.917, 3744654.663, 463.92, 3.49, 6.51

** 476269.350, 3744683.903, 464.00, 3.49, 6.51

** 476241.856, 3744723.617, 464.06, 3.49, 6.51

** 476230.509, 3744758.530, 463.95, 3.49, 6.51

** 476223.527, 3744792.134, 463.97, 3.49, 6.51

** 476216.544, 3744884.654, 464.04, 3.49, 6.51

** 476213.926, 3744966.264, 464.06, 3.49, 6.51

**

LOCATION L0000610	VOLUME	476338.968	3744618.744	463.00
LOCATION L0000611	VOLUME	476327.508	3744626.754	463.00
LOCATION L0000612	VOLUME	476316.612	3744635.545	463.11
LOCATION L0000613	VOLUME	476305.716	3744644.336	463.47
LOCATION L0000614	VOLUME	476294.820	3744653.127	463.83
LOCATION L0000615	VOLUME	476285.666	3744663.659	464.00
LOCATION L0000616	VOLUME	476276.881	3744674.559	464.00
LOCATION L0000617	VOLUME	476268.212	3744685.547	463.91
LOCATION L0000618	VOLUME	476260.243	3744697.058	463.99
LOCATION L0000619	VOLUME	476252.274	3744708.568	464.00
LOCATION L0000620	VOLUME	476244.305	3744720.079	464.00
LOCATION L0000621	VOLUME	476238.859	3744732.839	464.00
LOCATION L0000622	VOLUME	476234.532	3744746.153	463.95
LOCATION L0000623	VOLUME	476230.309	3744759.496	463.99
LOCATION L0000624	VOLUME	476227.460	3744773.203	464.00
LOCATION L0000625	VOLUME	476224.612	3744786.910	464.00
LOCATION L0000626	VOLUME	476222.875	3744800.774	464.00
LOCATION L0000627	VOLUME	476221.821	3744814.734	464.00
LOCATION L0000628	VOLUME	476220.767	3744828.694	464.00
LOCATION L0000629	VOLUME	476219.714	3744842.655	464.00
LOCATION L0000630	VOLUME	476218.660	3744856.615	464.00
LOCATION L0000631	VOLUME	476217.607	3744870.575	464.00
LOCATION L0000632	VOLUME	476216.553	3744884.536	464.00
LOCATION L0000633	VOLUME	476216.099	3744898.528	464.00
LOCATION L0000634	VOLUME	476215.650	3744912.521	464.00
LOCATION L0000635	VOLUME	476215.201	3744926.514	464.00
LOCATION L0000636	VOLUME	476214.752	3744940.507	464.00
LOCATION L0000637	VOLUME	476214.303	3744954.499	464.00

```

** End of LINE VOLUME Source ID = SLINE6
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Cajalco 10%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.853E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 476363.180, 3744622.368, 463.00, 3.49, 6.51
** 476402.457, 3744671.247, 461.96, 3.49, 6.51
** 476434.315, 3744704.414, 461.02, 3.49, 6.51
** 476468.792, 3744729.726, 460.90, 3.49, 6.51
** 476535.564, 3744768.567, 459.94, 3.49, 6.51
** 476604.517, 3744799.553, 458.05, 3.49, 6.51
** 476868.112, 3744894.255, 456.00, 3.49, 6.51
** -----
LOCATION L0000638      VOLUME  476367.564 3744627.825 462.77
LOCATION L0000639      VOLUME  476376.334 3744638.738 462.34
LOCATION L0000640      VOLUME  476385.103 3744649.651 462.00
LOCATION L0000641      VOLUME  476393.873 3744660.564 462.00
LOCATION L0000642      VOLUME  476402.662 3744671.460 462.00
LOCATION L0000643      VOLUME  476412.360 3744681.557 461.92
LOCATION L0000644      VOLUME  476422.058 3744691.654 461.59
LOCATION L0000645      VOLUME  476431.756 3744701.750 461.27
LOCATION L0000646      VOLUME  476442.623 3744710.514 460.92
LOCATION L0000647      VOLUME  476453.908 3744718.799 460.73
LOCATION L0000648      VOLUME  476465.193 3744727.084 460.74
LOCATION L0000649      VOLUME  476477.034 3744734.521 460.72
LOCATION L0000650      VOLUME  476489.136 3744741.560 460.29
LOCATION L0000651      VOLUME  476501.237 3744748.600 460.00
LOCATION L0000652      VOLUME  476513.339 3744755.639 460.00
LOCATION L0000653      VOLUME  476525.440 3744762.679 460.00
LOCATION L0000654      VOLUME  476537.651 3744769.505 459.74
LOCATION L0000655      VOLUME  476550.421 3744775.244 459.31
LOCATION L0000656      VOLUME  476563.191 3744780.982 458.89
LOCATION L0000657      VOLUME  476575.961 3744786.721 458.46
LOCATION L0000658      VOLUME  476588.731 3744792.459 458.04
LOCATION L0000659      VOLUME  476601.501 3744798.197 458.00
LOCATION L0000660      VOLUME  476614.580 3744803.168 458.00
LOCATION L0000661      VOLUME  476627.756 3744807.902 457.90
LOCATION L0000662      VOLUME  476640.931 3744812.635 457.61
LOCATION L0000663      VOLUME  476654.107 3744817.369 457.25
LOCATION L0000664      VOLUME  476667.282 3744822.103 457.06
LOCATION L0000665      VOLUME  476680.458 3744826.836 457.00
LOCATION L0000666      VOLUME  476693.633 3744831.570 457.00
LOCATION L0000667      VOLUME  476706.809 3744836.303 457.00
LOCATION L0000668      VOLUME  476719.984 3744841.037 457.00
LOCATION L0000669      VOLUME  476733.160 3744845.770 457.00
LOCATION L0000670      VOLUME  476746.335 3744850.504 457.00
LOCATION L0000671      VOLUME  476759.511 3744855.238 457.00
LOCATION L0000672      VOLUME  476772.686 3744859.971 457.00
LOCATION L0000673      VOLUME  476785.862 3744864.705 457.00
LOCATION L0000674      VOLUME  476799.037 3744869.438 456.00
LOCATION L0000675      VOLUME  476812.213 3744874.172 456.00
LOCATION L0000676      VOLUME  476825.388 3744878.905 456.00
LOCATION L0000677      VOLUME  476838.564 3744883.639 456.00
LOCATION L0000678      VOLUME  476851.739 3744888.373 456.00
LOCATION L0000679      VOLUME  476864.915 3744893.106 456.00
** End of LINE VOLUME Source ID = SLINE7
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8

```

```

** DESCRSRC Harvill 25%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.895E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
** 476650.928, 3744395.907, 459.25, 3.49, 6.51
** 476675.838, 3744365.322, 459.04, 3.49, 6.51
** 476693.180, 3744335.683, 459.27, 3.49, 6.51
** 476704.216, 3744306.989, 459.06, 3.49, 6.51
** 476715.252, 3744276.719, 458.94, 3.49, 6.51
** 476721.873, 3744234.782, 459.14, 3.49, 6.51
** 476724.080, 3744218.071, 459.22, 3.49, 6.51
** 476723.450, 3744178.341, 459.62, 3.49, 6.51

```

```

-----
LOCATION L0000680      VOLUME  476655.348 3744390.480 459.43
LOCATION L0000681      VOLUME  476664.189 3744379.624 459.46
LOCATION L0000682      VOLUME  476673.030 3744368.769 459.23
LOCATION L0000683      VOLUME  476680.663 3744357.076 458.99
LOCATION L0000684      VOLUME  476687.733 3744344.992 459.03
LOCATION L0000685      VOLUME  476694.334 3744332.683 459.23
LOCATION L0000686      VOLUME  476699.359 3744319.616 459.31
LOCATION L0000687      VOLUME  476704.377 3744306.546 459.18
LOCATION L0000688      VOLUME  476709.173 3744293.393 459.02
LOCATION L0000689      VOLUME  476713.968 3744280.240 458.86
LOCATION L0000690      VOLUME  476716.851 3744266.592 458.77
LOCATION L0000691      VOLUME  476719.034 3744252.763 458.73
LOCATION L0000692      VOLUME  476721.218 3744238.935 458.84
LOCATION L0000693      VOLUME  476723.156 3744225.071 459.02
LOCATION L0000694      VOLUME  476723.970 3744211.132 459.27
LOCATION L0000695      VOLUME  476723.748 3744197.134 459.52
LOCATION L0000696      VOLUME  476723.526 3744183.136 459.54

```

```

** End of LINE VOLUME Source ID = SLINE8

```

```

-----
** Line Source Represented by Adjacent Volume Sources

```

```

** LINE VOLUME Source ID = SLINE9

```

```

** DESCRSRC Cajalco 65%

```

```

** PREFIX

```

```

** Length of Side = 8.59

```

```

** Configuration = Adjacent

```

```

** Emission Rate = 7.654E-07

```

```

** Vertical Dimension = 6.99

```

```

** SZINIT = 3.25

```

```

** Nodes = 2

```

```

** 476735.113, 3744178.336, 459.21, 3.49, 4.00

```

```

** 476876.836, 3744182.263, 457.00, 3.49, 4.00

```

```

-----
LOCATION L0000697      VOLUME  476739.407 3744178.455 459.01
LOCATION L0000698      VOLUME  476747.993 3744178.693 458.89
LOCATION L0000699      VOLUME  476756.580 3744178.931 458.76
LOCATION L0000700      VOLUME  476765.167 3744179.169 458.63
LOCATION L0000701      VOLUME  476773.753 3744179.407 458.56
LOCATION L0000702      VOLUME  476782.340 3744179.644 458.55
LOCATION L0000703      VOLUME  476790.927 3744179.882 458.00
LOCATION L0000704      VOLUME  476799.513 3744180.120 458.00
LOCATION L0000705      VOLUME  476808.100 3744180.358 457.73
LOCATION L0000706      VOLUME  476816.687 3744180.596 457.44
LOCATION L0000707      VOLUME  476825.274 3744180.834 457.15
LOCATION L0000708      VOLUME  476833.860 3744181.072 457.00
LOCATION L0000709      VOLUME  476842.447 3744181.310 457.00
LOCATION L0000710      VOLUME  476851.034 3744181.548 457.00
LOCATION L0000711      VOLUME  476859.620 3744181.786 457.00
LOCATION L0000712      VOLUME  476868.207 3744182.024 457.00
LOCATION L0000713      VOLUME  476876.794 3744182.262 457.00

```

```

** End of LINE VOLUME Source ID = SLINE9
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC Onsite N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.785E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 476707.133, 3744438.598, 458.02, 3.49, 4.00
** 476711.608, 3744449.337, 458.10, 3.49, 4.00
** 476752.330, 3744478.648, 457.66, 3.49, 4.00
** 476791.933, 3744370.131, 457.00, 3.49, 4.00
** -----
LOCATION L0000731      VOLUME  476708.785 3744442.562 458.04
LOCATION L0000732      VOLUME  476712.623 3744450.068 458.00
LOCATION L0000733      VOLUME  476719.595 3744455.086 458.00
LOCATION L0000734      VOLUME  476726.566 3744460.104 458.00
LOCATION L0000735      VOLUME  476733.538 3744465.122 458.00
LOCATION L0000736      VOLUME  476740.510 3744470.140 457.98
LOCATION L0000737      VOLUME  476747.482 3744475.159 457.75
LOCATION L0000738      VOLUME  476753.227 3744476.190 457.55
LOCATION L0000739      VOLUME  476756.172 3744468.120 457.46
LOCATION L0000740      VOLUME  476759.117 3744460.051 457.36
LOCATION L0000741      VOLUME  476762.062 3744451.982 457.26
LOCATION L0000742      VOLUME  476765.007 3744443.912 457.16
LOCATION L0000743      VOLUME  476767.952 3744435.843 457.06
LOCATION L0000744      VOLUME  476770.897 3744427.773 457.00
LOCATION L0000745      VOLUME  476773.841 3744419.704 457.00
LOCATION L0000746      VOLUME  476776.786 3744411.635 457.00
LOCATION L0000747      VOLUME  476779.731 3744403.565 457.00
LOCATION L0000748      VOLUME  476782.676 3744395.496 457.00
LOCATION L0000749      VOLUME  476785.621 3744387.426 457.00
LOCATION L0000750      VOLUME  476788.566 3744379.357 457.00
LOCATION L0000751      VOLUME  476791.511 3744371.287 457.00
** End of LINE VOLUME Source ID = SLINE10
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC Idling 40 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.108E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476772.019, 3744491.771, 457.02, 3.49, 4.00
** 476813.610, 3744378.318, 457.00, 3.49, 4.00
** -----
LOCATION L0000824      VOLUME  476773.498 3744487.738 457.00
LOCATION L0000825      VOLUME  476776.454 3744479.673 457.00
LOCATION L0000826      VOLUME  476779.411 3744471.608 457.00
LOCATION L0000827      VOLUME  476782.367 3744463.543 457.00
LOCATION L0000828      VOLUME  476785.324 3744455.478 457.00
LOCATION L0000829      VOLUME  476788.281 3744447.412 457.00
LOCATION L0000830      VOLUME  476791.237 3744439.347 457.00
LOCATION L0000831      VOLUME  476794.194 3744431.282 457.00
LOCATION L0000832      VOLUME  476797.150 3744423.217 457.00
LOCATION L0000833      VOLUME  476800.107 3744415.152 457.00
LOCATION L0000834      VOLUME  476803.064 3744407.087 457.00
LOCATION L0000835      VOLUME  476806.020 3744399.021 457.00
LOCATION L0000836      VOLUME  476808.977 3744390.956 457.00

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LOCATION L0000837      VOLUME  476811.933 3744382.891 457.00
** End of LINE VOLUME Source ID = SLINE11
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC Idling 34 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.492E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476738.063, 3744461.236, 457.98, 3.49, 4.00
** 476774.388, 3744364.103, 457.07, 3.49, 4.00
** -----
LOCATION L0000838      VOLUME  476739.567 3744457.213 458.00
LOCATION L0000839      VOLUME  476742.576 3744449.167 457.91
LOCATION L0000840      VOLUME  476745.585 3744441.121 457.81
LOCATION L0000841      VOLUME  476748.594 3744433.076 457.64
LOCATION L0000842      VOLUME  476751.603 3744425.030 457.38
LOCATION L0000843      VOLUME  476754.612 3744416.984 457.18
LOCATION L0000844      VOLUME  476757.621 3744408.938 457.04
LOCATION L0000845      VOLUME  476760.630 3744400.893 457.05
LOCATION L0000846      VOLUME  476763.639 3744392.847 457.09
LOCATION L0000847      VOLUME  476766.648 3744384.801 457.08
LOCATION L0000848      VOLUME  476769.657 3744376.755 457.01
LOCATION L0000849      VOLUME  476772.666 3744368.710 457.00
** End of LINE VOLUME Source ID = SLINE12
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC Idling 32 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.287E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476724.901, 3744449.390, 458.08, 3.49, 4.00
** 476758.331, 3744358.312, 457.50, 3.49, 4.00
** -----
LOCATION L0000850      VOLUME  476726.381 3744445.358 458.00
LOCATION L0000851      VOLUME  476729.341 3744437.294 458.00
LOCATION L0000852      VOLUME  476732.301 3744429.231 457.83
LOCATION L0000853      VOLUME  476735.261 3744421.167 457.58
LOCATION L0000854      VOLUME  476738.220 3744413.103 457.27
LOCATION L0000855      VOLUME  476741.180 3744405.039 457.04
LOCATION L0000856      VOLUME  476744.140 3744396.975 457.26
LOCATION L0000857      VOLUME  476747.100 3744388.911 457.44
LOCATION L0000858      VOLUME  476750.060 3744380.847 457.56
LOCATION L0000859      VOLUME  476753.020 3744372.783 457.56
LOCATION L0000860      VOLUME  476755.980 3744364.719 457.46
** End of LINE VOLUME Source ID = SLINE13
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE14
** DESCRSRC Idling 12 Spaces
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.232E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2

```

** 476709.370, 3744382.003, 458.06, 3.49, 4.00

** 476722.005, 3744347.783, 458.72, 3.49, 4.00

**

LOCATION L0000861 VOLUME 476710.858 3744377.974 458.00
LOCATION L0000862 VOLUME 476713.833 3744369.916 458.18
LOCATION L0000863 VOLUME 476716.809 3744361.857 458.37
LOCATION L0000864 VOLUME 476719.784 3744353.799 458.50

** End of LINE VOLUME Source ID = SLINE14

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM L0000814	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000815	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000816	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000817	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000818	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000819	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000820	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000821	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000822	0.0000003843	3.49	4.00	3.25
SRCPARAM L0000823	0.0000003843	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE2

SRCPARAM L0000359	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000360	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000361	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000362	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000363	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000364	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000365	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000366	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000367	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000368	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000369	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000370	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000371	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000372	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000373	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000374	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000375	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000376	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000377	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000378	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000379	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000380	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000381	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000382	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000383	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000384	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000385	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000386	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000387	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000388	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000389	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000390	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000391	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000392	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000393	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000394	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000395	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000396	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000397	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000398	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000399	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000400	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000401	0.0000001826	3.49	4.00	3.25
SRCPARAM L0000402	0.0000001826	3.49	4.00	3.25

SRCPARAM	L0000734	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000735	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000736	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000737	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000738	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000739	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000740	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000741	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000742	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000743	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000744	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000745	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000746	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000747	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000748	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000749	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000750	0.0000001802	3.49	4.00	3.25
SRCPARAM	L0000751	0.0000001802	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE11

SRCPARAM	L0000824	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000825	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000826	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000827	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000828	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000829	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000830	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000831	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000832	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000833	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000834	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000835	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000836	0.0000002934	3.49	4.00	3.25
SRCPARAM	L0000837	0.0000002934	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE12

SRCPARAM	L0000838	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000839	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000840	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000841	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000842	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000843	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000844	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000845	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000846	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000847	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000848	0.000000291	3.49	4.00	3.25
SRCPARAM	L0000849	0.000000291	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE13

SRCPARAM	L0000850	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000851	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000852	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000853	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000854	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000855	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000856	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000857	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000858	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000859	0.0000002988	3.49	4.00	3.25
SRCPARAM	L0000860	0.0000002988	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE14

SRCPARAM	L0000861	0.000000308	3.49	4.00	3.25
SRCPARAM	L0000862	0.000000308	3.49	4.00	3.25
SRCPARAM	L0000863	0.000000308	3.49	4.00	3.25

SRCPARAM L0000864 0.000000308 3.49 4.00 3.25

** -----

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14231 Ops.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14231 Ops.AD\AN00GALL.PLT" 31
SUMMFILE "14231 Ops.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 1216 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1216 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill
Industrial\14231 *** 07/27/22

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

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

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 427 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

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

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 427 Source(s); 1 Source Group(s); and 62 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)

and: 427 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)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

- Model Outputs Tables of ANNUAL Averages by Receptor
- Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
- Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

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

L0000443	0	0.69670E-07	476867.5	3743689.8	458.7	3.49	6.51	3.25
YES								
L0000444	0	0.69670E-07	476872.4	3743676.7	458.7	3.49	6.51	3.25
YES								
L0000445	0	0.69670E-07	476877.3	3743663.6	458.9	3.49	6.51	3.25
YES								
L0000446	0	0.69670E-07	476882.2	3743650.5	459.0	3.49	6.51	3.25
YES								
L0000447	0	0.69670E-07	476887.0	3743637.3	459.0	3.49	6.51	3.25
YES								
L0000448	0	0.69670E-07	476891.7	3743624.2	459.1	3.49	6.51	3.25
YES								
L0000449	0	0.69670E-07	476896.4	3743611.0	459.4	3.49	6.51	3.25
YES								
L0000450	0	0.69670E-07	476901.1	3743597.8	459.6	3.49	6.51	3.25
YES								
L0000451	0	0.69670E-07	476905.8	3743584.6	459.7	3.49	6.51	3.25
YES								
L0000452	0	0.69670E-07	476910.5	3743571.4	459.9	3.49	6.51	3.25
YES								
L0000453	0	0.69670E-07	476915.2	3743558.2	460.0	3.49	6.51	3.25
YES								
L0000454	0	0.69670E-07	476919.9	3743545.0	460.0	3.49	6.51	3.25
YES								
L0000455	0	0.69670E-07	476924.5	3743531.8	460.0	3.49	6.51	3.25
YES								
L0000456	0	0.69670E-07	476929.3	3743518.7	460.0	3.49	6.51	3.25
YES								
L0000457	0	0.69670E-07	476934.1	3743505.5	460.0	3.49	6.51	3.25
YES								
L0000458	0	0.69670E-07	476938.9	3743492.3	460.0	3.49	6.51	3.25
YES								
L0000459	0	0.69670E-07	476943.7	3743479.2	460.0	3.49	6.51	3.25
YES								
L0000460	0	0.69670E-07	476948.4	3743466.0	460.0	3.49	6.51	3.25
YES								
L0000461	0	0.69670E-07	476953.2	3743452.9	460.0	3.49	6.51	3.25
YES								
L0000462	0	0.69670E-07	476958.0	3743439.7	460.2	3.49	6.51	3.25
YES								
L0000463	0	0.69670E-07	476962.8	3743426.5	460.4	3.49	6.51	3.25
YES								
L0000464	0	0.69670E-07	476967.6	3743413.4	460.4	3.49	6.51	3.25
YES								
L0000465	0	0.69670E-07	476972.3	3743400.2	460.2	3.49	6.51	3.25
YES								
L0000466	0	0.69670E-07	476977.1	3743387.1	460.1	3.49	6.51	3.25
YES								
L0000467	0	0.69670E-07	476981.7	3743373.8	460.4	3.49	6.51	3.25
YES								
L0000468	0	0.69670E-07	476986.2	3743360.6	460.7	3.49	6.51	3.25
YES								

```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	
PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ

L0000499	0	0.69670E-07	477126.2	3742950.4	459.1	3.49	6.51	3.25
YES								
L0000500	0	0.69670E-07	477131.0	3742937.2	459.0	3.49	6.51	3.25
YES								
L0000501	0	0.69670E-07	477135.7	3742924.0	459.3	3.49	6.51	3.25
YES								
L0000502	0	0.69670E-07	477140.4	3742910.8	459.6	3.49	6.51	3.25
YES								
L0000503	0	0.69670E-07	477145.0	3742897.6	459.5	3.49	6.51	3.25
YES								
L0000504	0	0.69670E-07	477149.7	3742884.4	459.3	3.49	6.51	3.25
YES								
L0000505	0	0.69670E-07	477154.3	3742871.2	459.2	3.49	6.51	3.25
YES								
L0000506	0	0.69670E-07	477159.0	3742858.0	459.0	3.49	6.51	3.25
YES								
L0000507	0	0.69670E-07	477163.7	3742844.8	458.9	3.49	6.51	3.25
YES								
L0000508	0	0.69670E-07	477168.3	3742831.6	458.9	3.49	6.51	3.25
YES								

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000509	0	0.69670E-07	477173.0	3742818.4	459.0	3.49	6.51	3.25
YES								
L0000510	0	0.69670E-07	477177.7	3742805.2	459.2	3.49	6.51	3.25
YES								
L0000511	0	0.69670E-07	477182.4	3742792.0	459.2	3.49	6.51	3.25
YES								
L0000512	0	0.69670E-07	477187.2	3742778.9	459.1	3.49	6.51	3.25
YES								
L0000513	0	0.69670E-07	477192.0	3742765.7	458.9	3.49	6.51	3.25
YES								
L0000514	0	0.69670E-07	477196.8	3742752.6	458.8	3.49	6.51	3.25
YES								
L0000515	0	0.69670E-07	477201.6	3742739.4	458.6	3.49	6.51	3.25
YES								
L0000516	0	0.69670E-07	477206.5	3742726.3	458.4	3.49	6.51	3.25
YES								
L0000517	0	0.69670E-07	477211.3	3742713.1	458.6	3.49	6.51	3.25
YES								
L0000518	0	0.69670E-07	477216.1	3742700.0	458.9	3.49	6.51	3.25
YES								
L0000519	0	0.69670E-07	477220.9	3742686.9	459.0	3.49	6.51	3.25
YES								
L0000520	0	0.69670E-07	477225.7	3742673.7	458.8	3.49	6.51	3.25
YES								
L0000521	0	0.69670E-07	477230.5	3742660.5	458.7	3.49	6.51	3.25
YES								

L0000522	0	0.69670E-07	477234.4	3742647.1	458.5	3.49	6.51	3.25
YES								
L0000523	0	0.69670E-07	477237.4	3742633.5	458.4	3.49	6.51	3.25
YES								
L0000524	0	0.69670E-07	477240.4	3742619.8	458.3	3.49	6.51	3.25
YES								
L0000525	0	0.69670E-07	477242.5	3742606.0	458.2	3.49	6.51	3.25
YES								
L0000526	0	0.69670E-07	477243.2	3742592.0	458.2	3.49	6.51	3.25
YES								
L0000527	0	0.69670E-07	477243.9	3742578.0	458.2	3.49	6.51	3.25
YES								
L0000528	0	0.69670E-07	477253.8	3742574.3	458.1	3.49	6.51	3.25
YES								
L0000529	0	0.69670E-07	477267.8	3742575.1	458.0	3.49	6.51	3.25
YES								
L0000530	0	0.69670E-07	477281.8	3742575.9	457.9	3.49	6.51	3.25
YES								
L0000531	0	0.69670E-07	477295.7	3742576.2	457.5	3.49	6.51	3.25
YES								
L0000532	0	0.69670E-07	477309.7	3742576.6	457.0	3.49	6.51	3.25
YES								
L0000533	0	0.69670E-07	477323.7	3742576.8	456.5	3.49	6.51	3.25
YES								
L0000534	0	0.69670E-07	477337.7	3742576.9	456.1	3.49	6.51	3.25
YES								
L0000535	0	0.69670E-07	477351.7	3742577.0	456.0	3.49	6.51	3.25
YES								
L0000536	0	0.69670E-07	477365.7	3742577.2	456.0	3.49	6.51	3.25
YES								
L0000537	0	0.69670E-07	477379.7	3742577.3	456.0	3.49	6.51	3.25
YES								
L0000538	0	0.69670E-07	477393.7	3742577.4	456.0	3.49	6.51	3.25
YES								
L0000539	0	0.69670E-07	477407.7	3742577.0	455.7	3.49	6.51	3.25
YES								
L0000540	0	0.69670E-07	477421.7	3742576.6	455.3	3.49	6.51	3.25
YES								
L0000541	0	0.69670E-07	477435.7	3742576.3	454.8	3.49	6.51	3.25
YES								
L0000542	0	0.69670E-07	477449.7	3742575.9	454.3	3.49	6.51	3.25
YES								
L0000543	0	0.69670E-07	477463.7	3742575.7	454.0	3.49	6.51	3.25
YES								
L0000544	0	0.69670E-07	477477.7	3742575.4	454.0	3.49	6.51	3.25
YES								
L0000545	0	0.69670E-07	477491.7	3742575.1	453.9	3.49	6.51	3.25
YES								
L0000546	0	0.69670E-07	477505.7	3742574.8	453.5	3.49	6.51	3.25
YES								
L0000547	0	0.69670E-07	477519.7	3742574.6	453.1	3.49	6.51	3.25
YES								
L0000548	0	0.69670E-07	477533.7	3742574.3	453.0	3.49	6.51	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
--------	---------------	------	---------	-------	-------

L0000601	0	0.17490E-07	476219.5	3744404.6	466.1	3.49	6.51	3.25
YES								
L0000602	0	0.17490E-07	476211.2	3744393.3	466.4	3.49	6.51	3.25
YES								
L0000603	0	0.17490E-07	476202.9	3744382.0	466.8	3.49	6.51	3.25
YES								
L0000604	0	0.17490E-07	476194.6	3744370.7	467.0	3.49	6.51	3.25
YES								
L0000605	0	0.17490E-07	476186.3	3744359.5	467.0	3.49	6.51	3.25
YES								
L0000606	0	0.17490E-07	476178.0	3744348.2	467.0	3.49	6.51	3.25
YES								
L0000607	0	0.17490E-07	476169.4	3744337.2	467.3	3.49	6.51	3.25
YES								
L0000608	0	0.17490E-07	476160.2	3744326.6	467.8	3.49	6.51	3.25
YES								
L0000609	0	0.17490E-07	476151.1	3744316.0	468.0	3.49	6.51	3.25
YES								
L0000610	0	0.17650E-07	476339.0	3744618.7	463.0	3.49	6.51	3.25
YES								
L0000611	0	0.17650E-07	476327.5	3744626.8	463.0	3.49	6.51	3.25
YES								
L0000612	0	0.17650E-07	476316.6	3744635.5	463.1	3.49	6.51	3.25
YES								
L0000613	0	0.17650E-07	476305.7	3744644.3	463.5	3.49	6.51	3.25
YES								
L0000614	0	0.17650E-07	476294.8	3744653.1	463.8	3.49	6.51	3.25
YES								
L0000615	0	0.17650E-07	476285.7	3744663.7	464.0	3.49	6.51	3.25
YES								
L0000616	0	0.17650E-07	476276.9	3744674.6	464.0	3.49	6.51	3.25
YES								
L0000617	0	0.17650E-07	476268.2	3744685.5	463.9	3.49	6.51	3.25
YES								
L0000618	0	0.17650E-07	476260.2	3744697.1	464.0	3.49	6.51	3.25
YES								
L0000619	0	0.17650E-07	476252.3	3744708.6	464.0	3.49	6.51	3.25
YES								
L0000620	0	0.17650E-07	476244.3	3744720.1	464.0	3.49	6.51	3.25
YES								
L0000621	0	0.17650E-07	476238.9	3744732.8	464.0	3.49	6.51	3.25
YES								
L0000622	0	0.17650E-07	476234.5	3744746.2	463.9	3.49	6.51	3.25
YES								
L0000623	0	0.17650E-07	476230.3	3744759.5	464.0	3.49	6.51	3.25
YES								
L0000624	0	0.17650E-07	476227.5	3744773.2	464.0	3.49	6.51	3.25
YES								
L0000625	0	0.17650E-07	476224.6	3744786.9	464.0	3.49	6.51	3.25
YES								
L0000626	0	0.17650E-07	476222.9	3744800.8	464.0	3.49	6.51	3.25
YES								
L0000627	0	0.17650E-07	476221.8	3744814.7	464.0	3.49	6.51	3.25
YES								
L0000628	0	0.17650E-07	476220.8	3744828.7	464.0	3.49	6.51	3.25
YES								

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

L0000680	0	0.28790E-07	476655.3	3744390.5	459.4	3.49	6.51	3.25
YES								
L0000681	0	0.28790E-07	476664.2	3744379.6	459.5	3.49	6.51	3.25
YES								
L0000682	0	0.28790E-07	476673.0	3744368.8	459.2	3.49	6.51	3.25
YES								
L0000683	0	0.28790E-07	476680.7	3744357.1	459.0	3.49	6.51	3.25
YES								
L0000684	0	0.28790E-07	476687.7	3744345.0	459.0	3.49	6.51	3.25
YES								
L0000685	0	0.28790E-07	476694.3	3744332.7	459.2	3.49	6.51	3.25
YES								
L0000686	0	0.28790E-07	476699.4	3744319.6	459.3	3.49	6.51	3.25
YES								
L0000687	0	0.28790E-07	476704.4	3744306.5	459.2	3.49	6.51	3.25
YES								
L0000688	0	0.28790E-07	476709.2	3744293.4	459.0	3.49	6.51	3.25
YES								
L0000689	0	0.28790E-07	476714.0	3744280.2	458.9	3.49	6.51	3.25
YES								
L0000690	0	0.28790E-07	476716.9	3744266.6	458.8	3.49	6.51	3.25
YES								
L0000691	0	0.28790E-07	476719.0	3744252.8	458.7	3.49	6.51	3.25
YES								
L0000692	0	0.28790E-07	476721.2	3744238.9	458.8	3.49	6.51	3.25
YES								
L0000693	0	0.28790E-07	476723.2	3744225.1	459.0	3.49	6.51	3.25
YES								
L0000694	0	0.28790E-07	476724.0	3744211.1	459.3	3.49	6.51	3.25
YES								
L0000695	0	0.28790E-07	476723.7	3744197.1	459.5	3.49	6.51	3.25
YES								
L0000696	0	0.28790E-07	476723.5	3744183.1	459.5	3.49	6.51	3.25
YES								
L0000697	0	0.45020E-07	476739.4	3744178.5	459.0	3.49	4.00	3.25
YES								
L0000698	0	0.45020E-07	476748.0	3744178.7	458.9	3.49	4.00	3.25
YES								
L0000699	0	0.45020E-07	476756.6	3744178.9	458.8	3.49	4.00	3.25
YES								
L0000700	0	0.45020E-07	476765.2	3744179.2	458.6	3.49	4.00	3.25
YES								
L0000701	0	0.45020E-07	476773.8	3744179.4	458.6	3.49	4.00	3.25
YES								
L0000702	0	0.45020E-07	476782.3	3744179.6	458.6	3.49	4.00	3.25
YES								
L0000703	0	0.45020E-07	476790.9	3744179.9	458.0	3.49	4.00	3.25
YES								
L0000704	0	0.45020E-07	476799.5	3744180.1	458.0	3.49	4.00	3.25
YES								
L0000705	0	0.45020E-07	476808.1	3744180.4	457.7	3.49	4.00	3.25
YES								
L0000706	0	0.45020E-07	476816.7	3744180.6	457.4	3.49	4.00	3.25
YES								
L0000707	0	0.45020E-07	476825.3	3744180.8	457.2	3.49	4.00	3.25
YES								
L0000708	0	0.45020E-07	476833.9	3744181.1	457.0	3.49	4.00	3.25
YES								


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L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , L0000538 ,
L0000539 , L0000540 ,

L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 ,
L0000547 , L0000548 ,

L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 ,
L0000555 , L0000556 ,

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L0000571 , L0000572 ,

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L0000579 , L0000580 ,

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L0000611 , L0000612 ,

L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 ,
L0000619 , L0000620 ,

L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 ,
L0000627 , L0000628 ,

L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 ,
L0000635 , L0000636 ,

L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 ,
L0000643 , L0000644 ,

L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 ,
L0000651 , L0000652 ,

L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 ,
L0000659 , L0000660 ,

L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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SRCGROUP ID
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SOURCE IDs
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```

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L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 ,

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L0000675 , L0000676 ,
 L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 ,
 L0000683 , L0000684 ,
 L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 ,
 L0000691 , L0000692 ,
 L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 ,
 L0000699 , L0000700 ,
 L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 ,
 L0000707 , L0000708 ,
 L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000731 ,
 L0000732 , L0000733 ,
 L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
 L0000740 , L0000741 ,
 L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
 L0000748 , L0000749 ,
 L0000750 , L0000751 , L0000824 , L0000825 , L0000826 , L0000827 ,
 L0000828 , L0000829 ,
 L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 ,
 L0000836 , L0000837 ,
 L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 ,
 L0000844 , L0000845 ,
 L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 ,
 L0000852 , L0000853 ,
 L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 ,
 L0000860 , L0000861 ,
 L0000862 , L0000863 , L0000864 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0000821	2189641. L0000819	L0000814 , L0000820	, L0000815	, L0000816	, L0000817	, L0000818	,
	L0000822 L0000363	, L0000823 , L0000364	, L0000359	, L0000360	, L0000361	, L0000362	,
	L0000365 L0000371	, L0000366 , L0000372	, L0000367	, L0000368	, L0000369	, L0000370	,
	L0000373 L0000379	, L0000374 , L0000380	, L0000375	, L0000376	, L0000377	, L0000378	,

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L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 ,
L0000387 , L0000388 ,

L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 ,
L0000395 , L0000396 ,

L0000397 , L0000398 , L0000399 , L0000400 , L0000401 , L0000402 ,
L0000403 , L0000404 ,

L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 ,
L0000411 , L0000412 ,

L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 ,
L0000419 , L0000420 ,

L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 ,
L0000427 , L0000428 ,

L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 ,
L0000435 , L0000436 ,

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L0000443 , L0000444 ,

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L0000459 , L0000460 ,

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L0000467 , L0000468 ,

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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 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
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 ,

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 L0000627 , L0000628 ,

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 L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 ,
 L0000651 , L0000652 ,

 L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 ,
 L0000659 , L0000660 ,


 L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 ,
 L0000667 , L0000668 ,

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0000669		L0000670	L0000671	L0000672	L0000673	L0000674	
L0000675		L0000676					
L0000677		L0000678	L0000679	L0000680	L0000681	L0000682	
L0000683		L0000684					
L0000685		L0000686	L0000687	L0000688	L0000689	L0000690	
L0000691		L0000692					
L0000693		L0000694	L0000695	L0000696	L0000697	L0000698	
L0000699		L0000700					
L0000701		L0000702	L0000703	L0000704	L0000705	L0000706	
L0000707		L0000708					
L0000709		L0000710	L0000711	L0000712	L0000713	L0000731	
L0000732		L0000733					
L0000734		L0000735	L0000736	L0000737	L0000738	L0000739	
L0000740		L0000741					
L0000742		L0000743	L0000744	L0000745	L0000746	L0000747	
L0000748		L0000749					
L0000750		L0000751	L0000824	L0000825	L0000826	L0000827	
L0000828		L0000829					
L0000830		L0000831	L0000832	L0000833	L0000834	L0000835	
L0000836		L0000837					
L0000838		L0000839	L0000840	L0000841	L0000842	L0000843	
L0000844		L0000845					
L0000846		L0000847	L0000848	L0000849	L0000850	L0000851	
L0000852		L0000853					
L0000854		L0000855	L0000856	L0000857	L0000858	L0000859	
L0000860		L0000861					
L0000862		L0000863	L0000864				


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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(477059.7, 3744372.6,	455.0,	455.0,	0.0);	(477060.3, 3744356.1,
455.0,	455.0,	0.0);		
(477081.9, 3744339.8,	455.0,	455.0,	0.0);	(477115.7, 3744317.3,
455.0,	455.0,	0.0);		
(477118.4, 3744296.3,	455.0,	455.0,	0.0);	(476645.4, 3744114.3,
461.1,	461.1,	0.0);		
(476605.9, 3744109.3,	461.9,	461.9,	0.0);	(476555.2, 3744160.8,
462.2,	462.2,	0.0);		
(476771.6, 3744165.0,	459.0,	459.0,	0.0);	(476746.3, 3744163.3,

3.	9.1	277.0	5.5											
10 01 01	1 07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30		
99.	9.1	277.0	5.5											
10 01 01	1 08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90		
319.	9.1	278.8	5.5											
10 01 01	1 09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90		
239.	9.1	284.2	5.5											
10 01 01	1 10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40		
188.	9.1	289.2	5.5											
10 01 01	1 11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70		
310.	9.1	290.9	5.5											
10 01 01	1 12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20		
357.	9.1	293.1	5.5											
10 01 01	1 13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20		
356.	9.1	293.8	5.5											
10 01 01	1 14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20		
50.	9.1	294.2	5.5											
10 01 01	1 15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80		
53.	9.1	293.8	5.5											
10 01 01	1 16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80		
11.	9.1	292.5	5.5											
10 01 01	1 17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90		
351.	9.1	290.4	5.5											
10 01 01	1 18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
186.	9.1	287.5	5.5											
10 01 01	1 19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
275.	9.1	285.9	5.5											
10 01 01	1 20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40		
181.	9.1	285.4	5.5											
10 01 01	1 21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30		
318.	9.1	284.9	5.5											
10 01 01	1 22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
196.	9.1	283.1	5.5											
10 01 01	1 23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
330.	9.1	281.4	5.5											
10 01 01	1 24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
332.	9.1	280.9	5.5											

First hour of profile data

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

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000814 , L0000815 ,
L0000816 , L0000817 , L0000818 ,
L0000819 , L0000820 , L0000821 , L0000822 , L0000823 ,
L0000359 , L0000360 , L0000361 ,
L0000362 , L0000363 , L0000364 , L0000365 , L0000366 ,
L0000367 , L0000368 , L0000369 ,
L0000370 , L0000371 , L0000372 , L0000373 , L0000374 ,
L0000375 , L0000376 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM
MICROGRAMS/M**3

IN

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
477059.73	3744372.63	0.00040	477060.34	
3744356.14	0.00040			
477081.94	3744339.84	0.00036	477115.68	
3744317.30	0.00031			
477118.40	3744296.27	0.00030	476645.39	
3744114.29	0.00055			
476605.92	3744109.28	0.00045	476555.25	
3744160.84	0.00042			
476771.63	3744165.00	0.00152	476746.29	
3744163.32	0.00150			
476805.97	3744146.78	0.00115	476880.30	
3744148.46	0.00109			
476656.26	3744337.74	0.00195	476634.06	
3744366.43	0.00174			
476687.90	3744470.01	0.00298	476663.51	
3744452.52	0.00253			
476555.45	3744125.10	0.00038	477146.78	
3744130.89	0.00024			
477122.13	3744258.08	0.00029	476656.68	
3744232.08	0.00098			
476467.47	3744158.22	0.00029	476489.56	
3744137.95	0.00030			
476411.89	3744482.59	0.00038	476343.59	
3744445.36	0.00028			
476441.57	3744388.40	0.00038	476249.50	
3744329.72	0.00019			
476453.77	3744560.90	0.00061	476581.34	
3744503.12	0.00084			
476804.10	3744092.94	0.00075	476803.71	
3744033.09	0.00062			
477009.90	3743352.81	0.00058	477036.08	
3743271.32	0.00062			
476951.27	3743310.06	0.00032	477084.58	
3742902.26	0.00027			
477062.33	3742957.48	0.00027	477123.72	
3742856.68	0.00038			
477137.93	3742815.66	0.00038	477212.45	
3742908.15	0.00024			
477035.83	3742769.37	0.00013	477027.25	
3742701.27	0.00011			
477026.99	3742662.13	0.00010	477024.04	
3742614.41	0.00009			
477314.65	3742642.83	0.00028	478159.58	
3742336.29	0.00003			
477148.20	3744067.04	0.00022	477147.76	
3744032.98	0.00022			
477232.90	3743991.07	0.00016	475782.40	
3744694.16	0.00005			
475780.39	3744425.93	0.00005	476330.35	
3744653.91	0.00033			
476315.43	3744669.42	0.00030	476396.48	
3744608.78	0.00048			
475778.95	3744719.38	0.00005	475779.64	
3744792.58	0.00005			
475781.26	3744828.13	0.00005	475767.64	
3744638.34	0.00005			
475777.10	3744587.08	0.00005	476056.02	
3744635.57	0.00010			
476433.22	3745001.31	0.00012	476283.27	

3745001.75 0.00011
476246.99 3744901.34 0.00018 475777.34
3744883.44 0.00005

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill
Industrial\14231 *** 07/27/22
*** AERMET - VERSION 16216 ***
*** 16:28:52

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK

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

ALL 1ST HIGHEST VALUE IS 0.00298 AT (476687.90, 3744470.01, 458.73,
458.73, 0.00) DC
2ND HIGHEST VALUE IS 0.00253 AT (476663.51, 3744452.52, 459.00,
459.00, 0.00) DC
3RD HIGHEST VALUE IS 0.00195 AT (476656.26, 3744337.74, 459.85,
459.85, 0.00) DC
4TH HIGHEST VALUE IS 0.00174 AT (476634.06, 3744366.43, 460.00,
460.00, 0.00) DC
5TH HIGHEST VALUE IS 0.00152 AT (476771.63, 3744165.00, 459.00,
459.00, 0.00) DC
6TH HIGHEST VALUE IS 0.00150 AT (476746.29, 3744163.32, 459.07,
459.07, 0.00) DC
7TH HIGHEST VALUE IS 0.00115 AT (476805.97, 3744146.78, 457.93,
457.93, 0.00) DC
8TH HIGHEST VALUE IS 0.00109 AT (476880.30, 3744148.46, 457.00,
457.00, 0.00) DC
9TH HIGHEST VALUE IS 0.00098 AT (476656.68, 3744232.08, 460.62,
460.62, 0.00) DC
10TH HIGHEST VALUE IS 0.00084 AT (476581.34, 3744503.12, 460.28,
460.28, 0.00) DC

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14231 Harvill
Industrial\14231 *** 07/27/22
*** AERMET - VERSION 16216 ***
*** 16:28:52

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

A Total of 43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of 1050 Missing Hours Identified (2.40 Percent)

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

***** WARNING MESSAGES *****
ME W186 1216 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1216 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 10/6/2022
** FILE: C:\LAKES\AERMOD VIEW\14231 HARVILL INDUSTRIAL\14231 OPS\14231 OPS.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231 HARVILL INDUSTRIAL\14231
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641 RIVERSIDE_COUNTY
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14231 OPS.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC IDLING LOADING DOCK
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 8.652E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 476729.783, 3744311.179, 458.35, 3.49, 4.00
** 476812.043, 3744339.946, 457.00, 3.49, 4.00
** -----

```

LOCATION L0000865	VOLUME	476733.837	3744312.597	458.28
LOCATION L0000866	VOLUME	476741.946	3744315.432	458.15
LOCATION L0000867	VOLUME	476750.054	3744318.268	458.02
LOCATION L0000868	VOLUME	476758.163	3744321.103	457.88
LOCATION L0000869	VOLUME	476766.271	3744323.939	457.75
LOCATION L0000870	VOLUME	476774.379	3744326.775	457.62
LOCATION L0000871	VOLUME	476782.488	3744329.610	457.49
LOCATION L0000872	VOLUME	476790.596	3744332.446	457.35
LOCATION L0000873	VOLUME	476798.705	3744335.282	457.22
LOCATION L0000874	VOLUME	476806.813	3744338.117	457.09

** END OF LINE VOLUME SOURCE ID = SLINE1

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE2

** DESCRSRC ONSITE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001114

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 13

** 476657.151, 3744403.781, 459.10, 3.49, 4.00

** 476677.360, 3744421.493, 458.92, 3.49, 4.00

** 476705.652, 3744431.003, 458.05, 3.49, 4.00

** 476711.001, 3744430.171, 458.03, 3.49, 4.00

** 476712.427, 3744428.269, 458.05, 3.49, 4.00

** 476741.551, 3744348.624, 458.00, 3.49, 4.00

** 476747.970, 3744343.512, 457.92, 3.49, 4.00

** 476812.281, 3744365.504, 457.00, 3.49, 4.00

** 476817.036, 3744363.602, 457.00, 3.49, 4.00

** 476871.242, 3744212.633, 457.00, 3.49, 4.00

** 476873.144, 3744205.501, 457.00, 3.49, 4.00

** 476873.382, 3744198.012, 457.00, 3.49, 4.00

** 476873.619, 3744193.257, 457.00, 3.49, 4.00

**

LOCATION L0000875	VOLUME	476660.381	3744406.612	459.07
LOCATION L0000876	VOLUME	476666.841	3744412.274	459.01
LOCATION L0000877	VOLUME	476673.301	3744417.936	458.96
LOCATION L0000878	VOLUME	476680.386	3744422.510	458.83
LOCATION L0000879	VOLUME	476688.529	3744425.247	458.58
LOCATION L0000880	VOLUME	476696.671	3744427.984	458.33
LOCATION L0000881	VOLUME	476704.813	3744430.721	458.08
LOCATION L0000882	VOLUME	476712.376	3744428.337	458.05
LOCATION L0000883	VOLUME	476715.348	3744420.281	458.04
LOCATION L0000884	VOLUME	476718.298	3744412.214	458.04
LOCATION L0000885	VOLUME	476721.248	3744404.146	458.03
LOCATION L0000886	VOLUME	476724.198	3744396.079	458.03
LOCATION L0000887	VOLUME	476727.148	3744388.011	458.02
LOCATION L0000888	VOLUME	476730.098	3744379.944	458.02

LOCATION	VOLUME				
LOCATION L0000889	VOLUME	476733.049	3744371.876	458.01	
LOCATION L0000890	VOLUME	476735.999	3744363.809	458.01	
LOCATION L0000891	VOLUME	476738.949	3744355.741	458.00	
LOCATION L0000892	VOLUME	476742.343	3744347.994	457.99	
LOCATION L0000893	VOLUME	476749.291	3744343.964	457.90	
LOCATION L0000894	VOLUME	476757.419	3744346.743	457.78	
LOCATION L0000895	VOLUME	476765.547	3744349.523	457.67	
LOCATION L0000896	VOLUME	476773.675	3744352.302	457.55	
LOCATION L0000897	VOLUME	476781.803	3744355.082	457.44	
LOCATION L0000898	VOLUME	476789.931	3744357.861	457.32	
LOCATION L0000899	VOLUME	476798.059	3744360.640	457.20	
LOCATION L0000900	VOLUME	476806.187	3744363.420	457.09	
LOCATION L0000901	VOLUME	476814.277	3744364.705	457.00	
LOCATION L0000902	VOLUME	476818.934	3744358.314	457.00	
LOCATION L0000903	VOLUME	476821.837	3744350.229	457.00	
LOCATION L0000904	VOLUME	476824.740	3744342.145	457.00	
LOCATION L0000905	VOLUME	476827.643	3744334.060	457.00	
LOCATION L0000906	VOLUME	476830.546	3744325.975	457.00	
LOCATION L0000907	VOLUME	476833.449	3744317.891	457.00	
LOCATION L0000908	VOLUME	476836.351	3744309.806	457.00	
LOCATION L0000909	VOLUME	476839.254	3744301.721	457.00	
LOCATION L0000910	VOLUME	476842.157	3744293.637	457.00	
LOCATION L0000911	VOLUME	476845.060	3744285.552	457.00	
LOCATION L0000912	VOLUME	476847.963	3744277.467	457.00	
LOCATION L0000913	VOLUME	476850.866	3744269.383	457.00	
LOCATION L0000914	VOLUME	476853.768	3744261.298	457.00	
LOCATION L0000915	VOLUME	476856.671	3744253.213	457.00	
LOCATION L0000916	VOLUME	476859.574	3744245.129	457.00	
LOCATION L0000917	VOLUME	476862.477	3744237.044	457.00	
LOCATION L0000918	VOLUME	476865.380	3744228.959	457.00	
LOCATION L0000919	VOLUME	476868.283	3744220.875	457.00	
LOCATION L0000920	VOLUME	476871.185	3744212.790	457.00	
LOCATION L0000921	VOLUME	476873.177	3744204.460	457.00	
LOCATION L0000922	VOLUME	476873.488	3744195.876	457.00	

** END OF LINE VOLUME SOURCE ID = SLINE2

**

 ** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE3

** DESCRSRC HARVILL 60%

** PREFIX

** LENGTH OF SIDE = 14.00

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001373

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 26

** 476724.664, 3744176.991, 459.58, 3.49, 6.51

** 476723.456, 3744131.697, 460.05, 3.49, 6.51

** 476724.664, 3744110.560, 460.05, 3.49, 6.51

** 476733.119, 3744074.324, 459.97, 3.49, 6.51

** 476813.147, 3743844.276, 458.00, 3.49, 6.51
 ** 476834.785, 3743780.271, 457.94, 3.49, 6.51
 ** 476855.968, 3743720.595, 458.07, 3.49, 6.51
 ** 476886.262, 3743639.507, 459.07, 3.49, 6.51
 ** 476924.073, 3743533.136, 460.00, 3.49, 6.51
 ** 476977.828, 3743385.083, 460.01, 3.49, 6.51
 ** 477006.983, 3743299.895, 460.03, 3.49, 6.51
 ** 477016.550, 3743278.029, 460.15, 3.49, 6.51
 ** 477025.433, 3743238.168, 460.52, 3.49, 6.51
 ** 477038.416, 3743189.197, 460.12, 3.49, 6.51
 ** 477063.927, 3743116.537, 460.00, 3.49, 6.51
 ** 477128.842, 3742943.428, 459.09, 3.49, 6.51
 ** 477180.319, 3742797.652, 459.16, 3.49, 6.51
 ** 477220.863, 3742686.954, 458.93, 3.49, 6.51
 ** 477232.935, 3742653.699, 458.77, 3.49, 6.51
 ** 477242.274, 3742611.333, 458.12, 3.49, 6.51
 ** 477244.096, 3742573.750, 458.10, 3.49, 6.51
 ** 477279.174, 3742575.800, 458.00, 3.49, 6.51
 ** 477313.795, 3742576.711, 456.99, 3.49, 6.51
 ** 477394.200, 3742577.394, 455.98, 3.49, 6.51
 ** 477444.766, 3742576.028, 454.62, 3.49, 6.51
 ** 477678.462, 3742571.472, 451.00, 3.49, 6.51

LOCATION	L0000923	VOLUME	476724.477	3744169.993	459.65
LOCATION	L0000924	VOLUME	476724.104	3744155.998	459.80
LOCATION	L0000925	VOLUME	476723.731	3744142.003	459.94
LOCATION	L0000926	VOLUME	476723.667	3744128.013	460.05
LOCATION	L0000927	VOLUME	476724.465	3744114.036	460.05
LOCATION	L0000928	VOLUME	476727.054	3744100.316	460.03
LOCATION	L0000929	VOLUME	476730.235	3744086.683	460.00
LOCATION	L0000930	VOLUME	476733.549	3744073.087	459.96
LOCATION	L0000931	VOLUME	476738.149	3744059.864	459.85
LOCATION	L0000932	VOLUME	476742.749	3744046.642	459.73
LOCATION	L0000933	VOLUME	476747.349	3744033.419	459.62
LOCATION	L0000934	VOLUME	476751.949	3744020.196	459.51
LOCATION	L0000935	VOLUME	476756.549	3744006.973	459.39
LOCATION	L0000936	VOLUME	476761.148	3743993.751	459.28
LOCATION	L0000937	VOLUME	476765.748	3743980.528	459.17
LOCATION	L0000938	VOLUME	476770.348	3743967.305	459.05
LOCATION	L0000939	VOLUME	476774.948	3743954.082	458.94
LOCATION	L0000940	VOLUME	476779.548	3743940.860	458.83
LOCATION	L0000941	VOLUME	476784.148	3743927.637	458.71
LOCATION	L0000942	VOLUME	476788.748	3743914.414	458.60
LOCATION	L0000943	VOLUME	476793.347	3743901.191	458.49
LOCATION	L0000944	VOLUME	476797.947	3743887.969	458.37
LOCATION	L0000945	VOLUME	476802.547	3743874.746	458.26
LOCATION	L0000946	VOLUME	476807.147	3743861.523	458.15
LOCATION	L0000947	VOLUME	476811.747	3743848.300	458.03
LOCATION	L0000948	VOLUME	476816.266	3743835.050	457.99
LOCATION	L0000949	VOLUME	476820.750	3743821.787	457.98

LOCATION	L0000950	VOLUME	476825.234	3743808.525	457.97
LOCATION	L0000951	VOLUME	476829.717	3743795.262	457.95
LOCATION	L0000952	VOLUME	476834.201	3743782.000	457.94
LOCATION	L0000953	VOLUME	476838.858	3743768.797	457.96
LOCATION	L0000954	VOLUME	476843.542	3743755.604	457.99
LOCATION	L0000955	VOLUME	476848.225	3743742.410	458.02
LOCATION	L0000956	VOLUME	476852.908	3743729.217	458.05
LOCATION	L0000957	VOLUME	476857.666	3743716.051	458.13
LOCATION	L0000958	VOLUME	476862.566	3743702.936	458.29
LOCATION	L0000959	VOLUME	476867.465	3743689.821	458.45
LOCATION	L0000960	VOLUME	476872.365	3743676.707	458.61
LOCATION	L0000961	VOLUME	476877.264	3743663.592	458.77
LOCATION	L0000962	VOLUME	476882.164	3743650.477	458.93
LOCATION	L0000963	VOLUME	476887.029	3743637.350	459.09
LOCATION	L0000964	VOLUME	476891.718	3743624.159	459.20
LOCATION	L0000965	VOLUME	476896.407	3743610.967	459.32
LOCATION	L0000966	VOLUME	476901.096	3743597.776	459.43
LOCATION	L0000967	VOLUME	476905.785	3743584.585	459.55
LOCATION	L0000968	VOLUME	476910.474	3743571.393	459.67
LOCATION	L0000969	VOLUME	476915.163	3743558.202	459.78
LOCATION	L0000970	VOLUME	476919.852	3743545.010	459.90
LOCATION	L0000971	VOLUME	476924.550	3743531.822	460.00
LOCATION	L0000972	VOLUME	476929.328	3743518.663	460.00
LOCATION	L0000973	VOLUME	476934.106	3743505.503	460.00
LOCATION	L0000974	VOLUME	476938.884	3743492.344	460.00
LOCATION	L0000975	VOLUME	476943.662	3743479.184	460.00
LOCATION	L0000976	VOLUME	476948.440	3743466.025	460.00
LOCATION	L0000977	VOLUME	476953.218	3743452.865	460.01
LOCATION	L0000978	VOLUME	476957.995	3743439.706	460.01
LOCATION	L0000979	VOLUME	476962.773	3743426.546	460.01
LOCATION	L0000980	VOLUME	476967.551	3743413.387	460.01
LOCATION	L0000981	VOLUME	476972.329	3743400.227	460.01
LOCATION	L0000982	VOLUME	476977.107	3743387.068	460.01
LOCATION	L0000983	VOLUME	476981.677	3743373.835	460.01
LOCATION	L0000984	VOLUME	476986.211	3743360.589	460.02
LOCATION	L0000985	VOLUME	476990.744	3743347.344	460.02
LOCATION	L0000986	VOLUME	476995.277	3743334.098	460.02
LOCATION	L0000987	VOLUME	476999.810	3743320.852	460.03
LOCATION	L0000988	VOLUME	477004.344	3743307.607	460.03
LOCATION	L0000989	VOLUME	477009.328	3743294.536	460.06
LOCATION	L0000990	VOLUME	477014.939	3743281.710	460.13
LOCATION	L0000991	VOLUME	477018.721	3743268.286	460.24
LOCATION	L0000992	VOLUME	477021.766	3743254.621	460.37
LOCATION	L0000993	VOLUME	477024.811	3743240.956	460.49
LOCATION	L0000994	VOLUME	477028.288	3743227.397	460.43
LOCATION	L0000995	VOLUME	477031.876	3743213.864	460.32
LOCATION	L0000996	VOLUME	477035.464	3743200.332	460.21
LOCATION	L0000997	VOLUME	477039.237	3743186.857	460.12
LOCATION	L0000998	VOLUME	477043.875	3743173.647	460.09
LOCATION	L0000999	VOLUME	477048.513	3743160.438	460.07

LOCATION L0001000	VOLUME	477053.151	3743147.228	460.05
LOCATION L0001001	VOLUME	477057.789	3743134.019	460.03
LOCATION L0001002	VOLUME	477062.427	3743120.809	460.01
LOCATION L0001003	VOLUME	477067.252	3743107.668	459.95
LOCATION L0001004	VOLUME	477072.168	3743094.559	459.88
LOCATION L0001005	VOLUME	477077.084	3743081.451	459.82
LOCATION L0001006	VOLUME	477082.000	3743068.342	459.75
LOCATION L0001007	VOLUME	477086.915	3743055.233	459.68
LOCATION L0001008	VOLUME	477091.831	3743042.125	459.61
LOCATION L0001009	VOLUME	477096.747	3743029.016	459.54
LOCATION L0001010	VOLUME	477101.662	3743015.908	459.47
LOCATION L0001011	VOLUME	477106.578	3743002.799	459.40
LOCATION L0001012	VOLUME	477111.494	3742989.690	459.33
LOCATION L0001013	VOLUME	477116.410	3742976.582	459.26
LOCATION L0001014	VOLUME	477121.325	3742963.473	459.20
LOCATION L0001015	VOLUME	477126.241	3742950.365	459.13
LOCATION L0001016	VOLUME	477131.037	3742937.212	459.09
LOCATION L0001017	VOLUME	477135.699	3742924.011	459.10
LOCATION L0001018	VOLUME	477140.360	3742910.810	459.11
LOCATION L0001019	VOLUME	477145.022	3742897.609	459.11
LOCATION L0001020	VOLUME	477149.684	3742884.408	459.12
LOCATION L0001021	VOLUME	477154.345	3742871.207	459.12
LOCATION L0001022	VOLUME	477159.007	3742858.006	459.13
LOCATION L0001023	VOLUME	477163.669	3742844.805	459.14
LOCATION L0001024	VOLUME	477168.330	3742831.604	459.14
LOCATION L0001025	VOLUME	477172.992	3742818.402	459.15
LOCATION L0001026	VOLUME	477177.654	3742805.201	459.16
LOCATION L0001027	VOLUME	477182.381	3742792.024	459.15
LOCATION L0001028	VOLUME	477187.196	3742778.878	459.12
LOCATION L0001029	VOLUME	477192.010	3742765.732	459.09
LOCATION L0001030	VOLUME	477196.825	3742752.586	459.07
LOCATION L0001031	VOLUME	477201.640	3742739.440	459.04
LOCATION L0001032	VOLUME	477206.455	3742726.294	459.01
LOCATION L0001033	VOLUME	477211.270	3742713.148	458.98
LOCATION L0001034	VOLUME	477216.084	3742700.002	458.96
LOCATION L0001035	VOLUME	477220.899	3742686.856	458.93
LOCATION L0001036	VOLUME	477225.676	3742673.696	458.87
LOCATION L0001037	VOLUME	477230.453	3742660.536	458.80
LOCATION L0001038	VOLUME	477234.383	3742647.130	458.67
LOCATION L0001039	VOLUME	477237.397	3742633.459	458.46
LOCATION L0001040	VOLUME	477240.411	3742619.787	458.25
LOCATION L0001041	VOLUME	477242.533	3742605.996	458.12
LOCATION L0001042	VOLUME	477243.211	3742592.012	458.11
LOCATION L0001043	VOLUME	477243.889	3742578.029	458.10
LOCATION L0001044	VOLUME	477253.796	3742574.317	458.07
LOCATION L0001045	VOLUME	477267.772	3742575.134	458.03
LOCATION L0001046	VOLUME	477281.752	3742575.868	457.92
LOCATION L0001047	VOLUME	477295.747	3742576.236	457.52
LOCATION L0001048	VOLUME	477309.742	3742576.604	457.11
LOCATION L0001049	VOLUME	477323.740	3742576.796	456.87

LOCATION	VOLUME				
L0001050	477337.740	3742576.915	456.69		
L0001051	477351.739	3742577.033	456.51		
L0001052	477365.739	3742577.152	456.34		
L0001053	477379.738	3742577.271	456.16		
L0001054	477393.738	3742577.390	455.99		
L0001055	477407.733	3742577.029	455.62		
L0001056	477421.728	3742576.650	455.24		
L0001057	477435.722	3742576.272	454.86		
L0001058	477449.718	3742575.931	454.54		
L0001059	477463.715	3742575.658	454.33		
L0001060	477477.713	3742575.385	454.11		
L0001061	477491.710	3742575.113	453.89		
L0001062	477505.708	3742574.840	453.68		
L0001063	477519.705	3742574.567	453.46		
L0001064	477533.702	3742574.294	453.24		
L0001065	477547.700	3742574.021	453.03		
L0001066	477561.697	3742573.748	452.81		
L0001067	477575.694	3742573.475	452.59		
L0001068	477589.692	3742573.203	452.38		
L0001069	477603.689	3742572.930	452.16		
L0001070	477617.686	3742572.657	451.94		
L0001071	477631.684	3742572.384	451.72		
L0001072	477645.681	3742572.111	451.51		
L0001073	477659.678	3742571.838	451.29		
L0001074	477673.676	3742571.566	451.07		

** END OF LINE VOLUME SOURCE ID = SLINE3

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE4

** DESCRSRC HARVILL 40%

** PREFIX

** LENGTH OF SIDE = 14.00

** CONFIGURATION = ADJACENT

** EMISSION RATE = 1.549E-06

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 6

** 476651.214, 3744398.051, 459.17, 3.49, 6.51

** 476633.321, 3744412.452, 459.64, 3.49, 6.51

** 476597.098, 3744438.201, 460.03, 3.49, 6.51

** 476506.760, 3744500.172, 461.90, 3.49, 6.51

** 476416.422, 3744563.016, 462.10, 3.49, 6.51

** 476357.943, 3744606.221, 463.00, 3.49, 6.51

**

L0001075	476645.761	3744402.440	459.31		
L0001076	476634.854	3744411.218	459.60		
L0001077	476623.515	3744419.423	459.75		
L0001078	476612.104	3744427.534	459.87		
L0001079	476600.693	3744435.646	459.99		
L0001080	476589.190	3744443.626	460.19		

LOCATION L0001081	VOLUME	476577.646	3744451.545	460.43
LOCATION L0001082	VOLUME	476566.101	3744459.465	460.67
LOCATION L0001083	VOLUME	476554.556	3744467.384	460.91
LOCATION L0001084	VOLUME	476543.012	3744475.304	461.15
LOCATION L0001085	VOLUME	476531.467	3744483.223	461.39
LOCATION L0001086	VOLUME	476519.922	3744491.143	461.63
LOCATION L0001087	VOLUME	476508.377	3744499.063	461.87
LOCATION L0001088	VOLUME	476496.877	3744507.047	461.92
LOCATION L0001089	VOLUME	476485.385	3744515.042	461.95
LOCATION L0001090	VOLUME	476473.892	3744523.037	461.97
LOCATION L0001091	VOLUME	476462.399	3744531.032	462.00
LOCATION L0001092	VOLUME	476450.907	3744539.027	462.02
LOCATION L0001093	VOLUME	476439.414	3744547.021	462.05
LOCATION L0001094	VOLUME	476427.921	3744555.016	462.07
LOCATION L0001095	VOLUME	476416.429	3744563.011	462.10
LOCATION L0001096	VOLUME	476405.168	3744571.330	462.27
LOCATION L0001097	VOLUME	476393.908	3744579.649	462.45
LOCATION L0001098	VOLUME	476382.648	3744587.968	462.62
LOCATION L0001099	VOLUME	476371.388	3744596.288	462.79
LOCATION L0001100	VOLUME	476360.128	3744604.607	462.97

** END OF LINE VOLUME SOURCE ID = SLINE4

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE5

** DESCRSRC CAJALCO 15%

** PREFIX

** LENGTH OF SIDE = 14.00

** CONFIGURATION = ADJACENT

** EMISSION RATE = 5.667E-07

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 5

** 476349.651, 3744595.311, 463.00, 3.49, 6.51

** 476299.027, 3744515.883, 463.81, 3.49, 6.51

** 476234.001, 3744424.236, 465.89, 3.49, 6.51

** 476172.902, 3744341.317, 467.08, 3.49, 6.51

** 476145.845, 3744309.895, 468.14, 3.49, 6.51

**

LOCATION L0001101	VOLUME	476345.888	3744589.408	463.06
LOCATION L0001102	VOLUME	476338.364	3744577.602	463.18
LOCATION L0001103	VOLUME	476330.839	3744565.796	463.30
LOCATION L0001104	VOLUME	476323.314	3744553.990	463.42
LOCATION L0001105	VOLUME	476315.790	3744542.184	463.54
LOCATION L0001106	VOLUME	476308.265	3744530.378	463.66
LOCATION L0001107	VOLUME	476300.740	3744518.572	463.78
LOCATION L0001108	VOLUME	476292.771	3744507.066	464.01
LOCATION L0001109	VOLUME	476284.669	3744495.648	464.27
LOCATION L0001110	VOLUME	476276.568	3744484.230	464.53
LOCATION L0001111	VOLUME	476268.467	3744472.812	464.79
LOCATION L0001112	VOLUME	476260.365	3744461.394	465.05

LOCATION L0001113	VOLUME	476252.264	3744449.976	465.31
LOCATION L0001114	VOLUME	476244.163	3744438.558	465.56
LOCATION L0001115	VOLUME	476236.062	3744427.140	465.82
LOCATION L0001116	VOLUME	476227.808	3744415.832	466.01
LOCATION L0001117	VOLUME	476219.504	3744404.561	466.17
LOCATION L0001118	VOLUME	476211.199	3744393.290	466.33
LOCATION L0001119	VOLUME	476202.894	3744382.020	466.50
LOCATION L0001120	VOLUME	476194.589	3744370.749	466.66
LOCATION L0001121	VOLUME	476186.285	3744359.478	466.82
LOCATION L0001122	VOLUME	476177.980	3744348.207	466.98
LOCATION L0001123	VOLUME	476169.352	3744337.194	467.22
LOCATION L0001124	VOLUME	476160.217	3744326.585	467.58
LOCATION L0001125	VOLUME	476151.082	3744315.976	467.93

** END OF LINE VOLUME SOURCE ID = SLINE5

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE6

** DESCRSRC HARVILL 15%

** PREFIX

** LENGTH OF SIDE = 14.00

** CONFIGURATION = ADJACENT

** EMISSION RATE = 6.406E-07

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 9

** 476344.850, 3744614.949, 463.00, 3.49, 6.51

** 476331.321, 3744623.678, 463.06, 3.49, 6.51

** 476292.917, 3744654.663, 463.92, 3.49, 6.51

** 476269.350, 3744683.903, 464.00, 3.49, 6.51

** 476241.856, 3744723.617, 464.06, 3.49, 6.51

** 476230.509, 3744758.530, 463.95, 3.49, 6.51

** 476223.527, 3744792.134, 463.97, 3.49, 6.51

** 476216.544, 3744884.654, 464.04, 3.49, 6.51

** 476213.926, 3744966.264, 464.06, 3.49, 6.51

**

LOCATION L0001126	VOLUME	476338.968	3744618.744	463.03
LOCATION L0001127	VOLUME	476327.508	3744626.754	463.15
LOCATION L0001128	VOLUME	476316.612	3744635.545	463.39
LOCATION L0001129	VOLUME	476305.716	3744644.336	463.63
LOCATION L0001130	VOLUME	476294.820	3744653.127	463.88
LOCATION L0001131	VOLUME	476285.666	3744663.659	463.94
LOCATION L0001132	VOLUME	476276.881	3744674.559	463.97
LOCATION L0001133	VOLUME	476268.212	3744685.547	464.00
LOCATION L0001134	VOLUME	476260.243	3744697.058	464.02
LOCATION L0001135	VOLUME	476252.274	3744708.568	464.04
LOCATION L0001136	VOLUME	476244.305	3744720.079	464.05
LOCATION L0001137	VOLUME	476238.859	3744732.839	464.03
LOCATION L0001138	VOLUME	476234.532	3744746.153	463.99
LOCATION L0001139	VOLUME	476230.309	3744759.496	463.95
LOCATION L0001140	VOLUME	476227.460	3744773.203	463.96

LOCATION	VOLUME				
L0001141	476224.612	3744786.910	463.97		
L0001142	476222.875	3744800.774	463.98		
L0001143	476221.821	3744814.734	463.99		
L0001144	476220.767	3744828.694	464.00		
L0001145	476219.714	3744842.655	464.01		
L0001146	476218.660	3744856.615	464.02		
L0001147	476217.607	3744870.575	464.03		
L0001148	476216.553	3744884.536	464.04		
L0001149	476216.099	3744898.528	464.04		
L0001150	476215.650	3744912.521	464.05		
L0001151	476215.201	3744926.514	464.05		
L0001152	476214.752	3744940.507	464.05		
L0001153	476214.303	3744954.499	464.06		

** END OF LINE VOLUME SOURCE ID = SLINE6

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE7

** DESCRSRC CAJALCO 10%

** PREFIX

** LENGTH OF SIDE = 14.00

** CONFIGURATION = ADJACENT

** EMISSION RATE = 6.29E-07

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 7

** 476363.180, 3744622.368, 463.00, 3.49, 6.51

** 476402.457, 3744671.247, 461.96, 3.49, 6.51

** 476434.315, 3744704.414, 461.02, 3.49, 6.51

** 476468.792, 3744729.726, 460.90, 3.49, 6.51

** 476535.564, 3744768.567, 459.94, 3.49, 6.51

** 476604.517, 3744799.553, 458.05, 3.49, 6.51

** 476868.112, 3744894.255, 456.00, 3.49, 6.51

**

L0001154	476367.564	3744627.825	462.88		
L0001155	476376.334	3744638.738	462.65		
L0001156	476385.103	3744649.651	462.42		
L0001157	476393.873	3744660.564	462.19		
L0001158	476402.662	3744671.460	461.95		
L0001159	476412.360	3744681.557	461.67		
L0001160	476422.058	3744691.654	461.38		
L0001161	476431.756	3744701.750	461.10		
L0001162	476442.623	3744710.514	460.99		
L0001163	476453.908	3744718.799	460.95		
L0001164	476465.193	3744727.084	460.91		
L0001165	476477.034	3744734.521	460.78		
L0001166	476489.136	3744741.560	460.61		
L0001167	476501.237	3744748.600	460.43		
L0001168	476513.339	3744755.639	460.26		
L0001169	476525.440	3744762.679	460.09		
L0001170	476537.651	3744769.505	459.88		

LOCATION L0001171	VOLUME	476550.421	3744775.244	459.53
LOCATION L0001172	VOLUME	476563.191	3744780.982	459.18
LOCATION L0001173	VOLUME	476575.961	3744786.721	458.83
LOCATION L0001174	VOLUME	476588.731	3744792.459	458.48
LOCATION L0001175	VOLUME	476601.501	3744798.197	458.13
LOCATION L0001176	VOLUME	476614.580	3744803.168	457.97
LOCATION L0001177	VOLUME	476627.756	3744807.902	457.87
LOCATION L0001178	VOLUME	476640.931	3744812.635	457.77
LOCATION L0001179	VOLUME	476654.107	3744817.369	457.66
LOCATION L0001180	VOLUME	476667.282	3744822.103	457.56
LOCATION L0001181	VOLUME	476680.458	3744826.836	457.46
LOCATION L0001182	VOLUME	476693.633	3744831.570	457.36
LOCATION L0001183	VOLUME	476706.809	3744836.303	457.25
LOCATION L0001184	VOLUME	476719.984	3744841.037	457.15
LOCATION L0001185	VOLUME	476733.160	3744845.770	457.05
LOCATION L0001186	VOLUME	476746.335	3744850.504	456.95
LOCATION L0001187	VOLUME	476759.511	3744855.238	456.84
LOCATION L0001188	VOLUME	476772.686	3744859.971	456.74
LOCATION L0001189	VOLUME	476785.862	3744864.705	456.64
LOCATION L0001190	VOLUME	476799.037	3744869.438	456.54
LOCATION L0001191	VOLUME	476812.213	3744874.172	456.43
LOCATION L0001192	VOLUME	476825.388	3744878.905	456.33
LOCATION L0001193	VOLUME	476838.564	3744883.639	456.23
LOCATION L0001194	VOLUME	476851.739	3744888.373	456.13
LOCATION L0001195	VOLUME	476864.915	3744893.106	456.02

** END OF LINE VOLUME SOURCE ID = SLINE7

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE8

** DESCRSRC HARVILL 25%

** PREFIX

** LENGTH OF SIDE = 14.00

** CONFIGURATION = ADJACENT

** EMISSION RATE = 6.345E-07

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 8

** 476650.928, 3744395.907, 459.25, 3.49, 6.51

** 476675.838, 3744365.322, 459.04, 3.49, 6.51

** 476693.180, 3744335.683, 459.27, 3.49, 6.51

** 476704.216, 3744306.989, 459.06, 3.49, 6.51

** 476715.252, 3744276.719, 458.94, 3.49, 6.51

** 476721.873, 3744234.782, 459.14, 3.49, 6.51

** 476724.080, 3744218.071, 459.22, 3.49, 6.51

** 476723.450, 3744178.341, 459.62, 3.49, 6.51

** -----

LOCATION L0001196	VOLUME	476655.348	3744390.480	459.21
LOCATION L0001197	VOLUME	476664.189	3744379.624	459.14
LOCATION L0001198	VOLUME	476673.030	3744368.769	459.06
LOCATION L0001199	VOLUME	476680.663	3744357.076	459.10

LOCATION L0001200	VOLUME	476687.733	3744344.992	459.20
LOCATION L0001201	VOLUME	476694.334	3744332.683	459.25
LOCATION L0001202	VOLUME	476699.359	3744319.616	459.15
LOCATION L0001203	VOLUME	476704.377	3744306.546	459.06
LOCATION L0001204	VOLUME	476709.173	3744293.393	459.01
LOCATION L0001205	VOLUME	476713.968	3744280.240	458.95
LOCATION L0001206	VOLUME	476716.851	3744266.592	458.99
LOCATION L0001207	VOLUME	476719.034	3744252.763	459.05
LOCATION L0001208	VOLUME	476721.218	3744238.935	459.12
LOCATION L0001209	VOLUME	476723.156	3744225.071	459.19
LOCATION L0001210	VOLUME	476723.970	3744211.132	459.29
LOCATION L0001211	VOLUME	476723.748	3744197.134	459.43
LOCATION L0001212	VOLUME	476723.526	3744183.136	459.57

** END OF LINE VOLUME SOURCE ID = SLINE8

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE9

** DESCRSRC CAJALCO 65%

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 9.92E-07

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 476735.113, 3744178.336, 459.21, 3.49, 4.00

** 476876.836, 3744182.263, 457.00, 3.49, 4.00

**

LOCATION L0001213	VOLUME	476739.407	3744178.455	459.14
LOCATION L0001214	VOLUME	476747.993	3744178.693	459.01
LOCATION L0001215	VOLUME	476756.580	3744178.931	458.88
LOCATION L0001216	VOLUME	476765.167	3744179.169	458.74
LOCATION L0001217	VOLUME	476773.753	3744179.407	458.61
LOCATION L0001218	VOLUME	476782.340	3744179.644	458.47
LOCATION L0001219	VOLUME	476790.927	3744179.882	458.34
LOCATION L0001220	VOLUME	476799.513	3744180.120	458.21
LOCATION L0001221	VOLUME	476808.100	3744180.358	458.07
LOCATION L0001222	VOLUME	476816.687	3744180.596	457.94
LOCATION L0001223	VOLUME	476825.274	3744180.834	457.80
LOCATION L0001224	VOLUME	476833.860	3744181.072	457.67
LOCATION L0001225	VOLUME	476842.447	3744181.310	457.54
LOCATION L0001226	VOLUME	476851.034	3744181.548	457.40
LOCATION L0001227	VOLUME	476859.620	3744181.786	457.27
LOCATION L0001228	VOLUME	476868.207	3744182.024	457.13
LOCATION L0001229	VOLUME	476876.794	3744182.262	457.00

** END OF LINE VOLUME SOURCE ID = SLINE9

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE10

** DESCRSRC ONSITE N


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** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 4.812E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 4
** 476707.133, 3744438.598, 458.02, 3.49, 4.00
** 476711.608, 3744449.337, 458.10, 3.49, 4.00
** 476752.330, 3744478.648, 457.66, 3.49, 4.00
** 476791.933, 3744370.131, 457.00, 3.49, 4.00

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LOCATION L0001230      VOLUME  476708.785 3744442.562 458.05
LOCATION L0001231      VOLUME  476712.623 3744450.068 458.09
LOCATION L0001232      VOLUME  476719.595 3744455.086 458.01
LOCATION L0001233      VOLUME  476726.566 3744460.104 457.94
LOCATION L0001234      VOLUME  476733.538 3744465.122 457.86
LOCATION L0001235      VOLUME  476740.510 3744470.140 457.79
LOCATION L0001236      VOLUME  476747.482 3744475.159 457.71
LOCATION L0001237      VOLUME  476753.227 3744476.190 457.65
LOCATION L0001238      VOLUME  476756.172 3744468.120 457.60
LOCATION L0001239      VOLUME  476759.117 3744460.051 457.55
LOCATION L0001240      VOLUME  476762.062 3744451.982 457.50
LOCATION L0001241      VOLUME  476765.007 3744443.912 457.45
LOCATION L0001242      VOLUME  476767.952 3744435.843 457.40
LOCATION L0001243      VOLUME  476770.897 3744427.773 457.35
LOCATION L0001244      VOLUME  476773.841 3744419.704 457.30
LOCATION L0001245      VOLUME  476776.786 3744411.635 457.25
LOCATION L0001246      VOLUME  476779.731 3744403.565 457.20
LOCATION L0001247      VOLUME  476782.676 3744395.496 457.15
LOCATION L0001248      VOLUME  476785.621 3744387.426 457.11
LOCATION L0001249      VOLUME  476788.566 3744379.357 457.06
LOCATION L0001250      VOLUME  476791.511 3744371.287 457.01

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** END OF LINE VOLUME SOURCE ID = SLINE10

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

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** LINE VOLUME SOURCE ID = SLINE11

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** DESCRSRC IDLING 40 SPACES

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```

** PREFIX

```

```

** LENGTH OF SIDE = 8.59

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```

** CONFIGURATION = ADJACENT

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```

** EMISSION RATE = 4.009E-06

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```

** VERTICAL DIMENSION = 6.99

```

```

** SZINIT = 3.25

```

```

** NODES = 2

```

```

** 476772.019, 3744491.771, 457.02, 3.49, 4.00

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** 476813.610, 3744378.318, 457.00, 3.49, 4.00

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LOCATION L0001251      VOLUME  476773.498 3744487.738 457.02
LOCATION L0001252      VOLUME  476776.454 3744479.673 457.02

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LOCATION L0001253	VOLUME	476779.411	3744471.608	457.02
LOCATION L0001254	VOLUME	476782.367	3744463.543	457.02
LOCATION L0001255	VOLUME	476785.324	3744455.478	457.01
LOCATION L0001256	VOLUME	476788.281	3744447.412	457.01
LOCATION L0001257	VOLUME	476791.237	3744439.347	457.01
LOCATION L0001258	VOLUME	476794.194	3744431.282	457.01
LOCATION L0001259	VOLUME	476797.150	3744423.217	457.01
LOCATION L0001260	VOLUME	476800.107	3744415.152	457.01
LOCATION L0001261	VOLUME	476803.064	3744407.087	457.01
LOCATION L0001262	VOLUME	476806.020	3744399.021	457.00
LOCATION L0001263	VOLUME	476808.977	3744390.956	457.00
LOCATION L0001264	VOLUME	476811.933	3744382.891	457.00

** END OF LINE VOLUME SOURCE ID = SLINE11

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE12

** DESCRSRC IDLING 34 SPACES

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 3.407E-06

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 476738.063, 3744461.236, 457.98, 3.49, 4.00

** 476774.388, 3744364.103, 457.07, 3.49, 4.00

**

LOCATION L0001265	VOLUME	476739.567	3744457.213	457.94
LOCATION L0001266	VOLUME	476742.576	3744449.167	457.87
LOCATION L0001267	VOLUME	476745.585	3744441.121	457.79
LOCATION L0001268	VOLUME	476748.594	3744433.076	457.72
LOCATION L0001269	VOLUME	476751.603	3744425.030	457.64
LOCATION L0001270	VOLUME	476754.612	3744416.984	457.57
LOCATION L0001271	VOLUME	476757.621	3744408.938	457.49
LOCATION L0001272	VOLUME	476760.630	3744400.893	457.41
LOCATION L0001273	VOLUME	476763.639	3744392.847	457.34
LOCATION L0001274	VOLUME	476766.648	3744384.801	457.26
LOCATION L0001275	VOLUME	476769.657	3744376.755	457.19
LOCATION L0001276	VOLUME	476772.666	3744368.710	457.11

** END OF LINE VOLUME SOURCE ID = SLINE12

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE13

** DESCRSRC IDLING 32 SPACES

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 3.207E-06

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

```

** NODES = 2
** 476724.901, 3744449.390, 458.08, 3.49, 4.00
** 476758.331, 3744358.312, 457.50, 3.49, 4.00
** -----
LOCATION L0001277      VOLUME  476726.381 3744445.358 458.05
LOCATION L0001278      VOLUME  476729.341 3744437.294 458.00
LOCATION L0001279      VOLUME  476732.301 3744429.231 457.95
LOCATION L0001280      VOLUME  476735.261 3744421.167 457.90
LOCATION L0001281      VOLUME  476738.220 3744413.103 457.85
LOCATION L0001282      VOLUME  476741.180 3744405.039 457.80
LOCATION L0001283      VOLUME  476744.140 3744396.975 457.75
LOCATION L0001284      VOLUME  476747.100 3744388.911 457.69
LOCATION L0001285      VOLUME  476750.060 3744380.847 457.64
LOCATION L0001286      VOLUME  476753.020 3744372.783 457.59
LOCATION L0001287      VOLUME  476755.980 3744364.719 457.54
** END OF LINE VOLUME SOURCE ID = SLINE13
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE14
** DESCRSRC IDLING 12 SPACES
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.232E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 476709.370, 3744382.003, 458.06, 3.49, 4.00
** 476722.005, 3744347.783, 458.72, 3.49, 4.00
** -----
LOCATION L0000861      VOLUME  476710.858 3744377.974 458.00
LOCATION L0000862      VOLUME  476713.833 3744369.916 458.18
LOCATION L0000863      VOLUME  476716.809 3744361.857 458.37
LOCATION L0000864      VOLUME  476719.784 3744353.799 458.50
** END OF LINE VOLUME SOURCE ID = SLINE14
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
SRCPARAM L0000865      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000866      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000867      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000868      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000869      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000870      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000871      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000872      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000873      0.0000008652      3.49      4.00      3.25
SRCPARAM L0000874      0.0000008652      3.49      4.00      3.25
** -----
** LINE VOLUME SOURCE ID = SLINE2
SRCPARAM L0000875      0.0000002321      3.49      4.00      3.25

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SRCPARAM	L0000876	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000877	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000878	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000879	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000880	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000881	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000882	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000883	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000884	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000885	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000886	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000887	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000888	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000889	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000890	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000891	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000892	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000893	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000894	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000895	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000896	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000897	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000898	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000899	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000900	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000901	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000902	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000903	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000904	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000905	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000906	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000907	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000908	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000909	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000910	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000911	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000912	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000913	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000914	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000915	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000916	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000917	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000918	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000919	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000920	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000921	0.0000002321	3.49	4.00	3.25
SRCPARAM	L0000922	0.0000002321	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE3

SRCPARAM	L0000923	0.0000009033	3.49	6.51	3.25
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SRCPARAM L0001074	0.00000009033	3.49	6.51	3.25
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** LINE VOLUME SOURCE ID = SLINE4

SRCPARAM L0001075	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001076	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001077	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001078	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001079	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001080	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001081	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001082	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001083	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001084	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001085	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001086	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001087	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001088	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001089	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001090	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001091	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001092	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001093	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001094	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001095	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001096	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001097	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001098	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001099	0.00000005958	3.49	6.51	3.25
SRCPARAM L0001100	0.00000005958	3.49	6.51	3.25

**

** LINE VOLUME SOURCE ID = SLINE5

SRCPARAM L0001101	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001102	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001103	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001104	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001105	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001106	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001107	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001108	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001109	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001110	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001111	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001112	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001113	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001114	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001115	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001116	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001117	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001118	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001119	0.00000002267	3.49	6.51	3.25

SRCPARAM L0001120	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001121	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001122	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001123	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001124	0.00000002267	3.49	6.51	3.25
SRCPARAM L0001125	0.00000002267	3.49	6.51	3.25

**

** LINE VOLUME SOURCE ID = SLINE6

SRCPARAM L0001126	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001127	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001128	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001129	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001130	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001131	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001132	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001133	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001134	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001135	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001136	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001137	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001138	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001139	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001140	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001141	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001142	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001143	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001144	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001145	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001146	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001147	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001148	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001149	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001150	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001151	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001152	0.00000002288	3.49	6.51	3.25
SRCPARAM L0001153	0.00000002288	3.49	6.51	3.25

**

** LINE VOLUME SOURCE ID = SLINE7

SRCPARAM L0001154	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001155	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001156	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001157	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001158	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001159	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001160	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001161	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001162	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001163	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001164	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001165	0.00000001498	3.49	6.51	3.25

SRCPARAM L0001166	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001167	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001168	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001169	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001170	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001171	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001172	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001173	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001174	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001175	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001176	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001177	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001178	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001179	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001180	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001181	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001182	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001183	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001184	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001185	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001186	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001187	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001188	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001189	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001190	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001191	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001192	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001193	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001194	0.00000001498	3.49	6.51	3.25
SRCPARAM L0001195	0.00000001498	3.49	6.51	3.25

**

** LINE VOLUME SOURCE ID = SLINE8

SRCPARAM L0001196	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001197	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001198	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001199	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001200	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001201	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001202	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001203	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001204	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001205	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001206	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001207	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001208	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001209	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001210	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001211	0.00000003732	3.49	6.51	3.25
SRCPARAM L0001212	0.00000003732	3.49	6.51	3.25

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** LINE VOLUME SOURCE ID = SLINE9
SRCPARAM L0001213 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001214 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001215 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001216 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001217 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001218 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001219 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001220 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001221 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001222 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001223 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001224 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001225 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001226 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001227 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001228 0.00000005835 3.49 4.00 3.25
SRCPARAM L0001229 0.00000005835 3.49 4.00 3.25

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** LINE VOLUME SOURCE ID = SLINE10
SRCPARAM L0001230 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001231 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001232 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001233 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001234 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001235 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001236 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001237 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001238 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001239 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001240 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001241 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001242 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001243 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001244 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001245 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001246 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001247 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001248 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001249 0.0000002291 3.49 4.00 3.25
SRCPARAM L0001250 0.0000002291 3.49 4.00 3.25

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** LINE VOLUME SOURCE ID = SLINE11
SRCPARAM L0001251 0.0000002864 3.49 4.00 3.25
SRCPARAM L0001252 0.0000002864 3.49 4.00 3.25
SRCPARAM L0001253 0.0000002864 3.49 4.00 3.25
SRCPARAM L0001254 0.0000002864 3.49 4.00 3.25
SRCPARAM L0001255 0.0000002864 3.49 4.00 3.25
SRCPARAM L0001256 0.0000002864 3.49 4.00 3.25
SRCPARAM L0001257 0.0000002864 3.49 4.00 3.25

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SRCPARAM L0001258	0.0000002864	3.49	4.00	3.25
SRCPARAM L0001259	0.0000002864	3.49	4.00	3.25
SRCPARAM L0001260	0.0000002864	3.49	4.00	3.25
SRCPARAM L0001261	0.0000002864	3.49	4.00	3.25
SRCPARAM L0001262	0.0000002864	3.49	4.00	3.25
SRCPARAM L0001263	0.0000002864	3.49	4.00	3.25
SRCPARAM L0001264	0.0000002864	3.49	4.00	3.25

**

 ** LINE VOLUME SOURCE ID = SLINE12

SRCPARAM L0001265	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001266	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001267	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001268	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001269	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001270	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001271	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001272	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001273	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001274	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001275	0.0000002839	3.49	4.00	3.25
SRCPARAM L0001276	0.0000002839	3.49	4.00	3.25

**

 ** LINE VOLUME SOURCE ID = SLINE13

SRCPARAM L0001277	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001278	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001279	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001280	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001281	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001282	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001283	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001284	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001285	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001286	0.0000002915	3.49	4.00	3.25
SRCPARAM L0001287	0.0000002915	3.49	4.00	3.25

**

 ** LINE VOLUME SOURCE ID = SLINE14

SRCPARAM L0000861	0.000000308	3.49	4.00	3.25
SRCPARAM L0000862	0.000000308	3.49	4.00	3.25
SRCPARAM L0000863	0.000000308	3.49	4.00	3.25
SRCPARAM L0000864	0.000000308	3.49	4.00	3.25

**

 URBANSRC ALL
 SRCGROUP ALL

SO FINISHED

**

** AERMOD RECEPTOR PATHWAY

**

**

RE STARTING
INCLUDED "14231 OPS.ROU"
RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**
**
ME STARTING
SURFFILE PERI_V9_ADJU\PERI_V9.SFC
PROFFILE PERI_V9_ADJU\PERI_V9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED
**

** AERMOD OUTPUT PATHWAY

**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
PLOTFILE ANNUAL ALL "14231 OPS.AD\AN00GALL.PLT" 31
SUMMFILE "14231 OPS.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 1216 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 1216 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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HARVILL INDUSTRIAL\14231 *** 10/06/22
*** AERMET - VERSION 16216 *** ***
*** 15:56:48

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

*** MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 427 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 427 Source(s); 1 Source Group(s); and 62
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 427 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)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

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

Hours

b for Both Calm

and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay

Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

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

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 14231 OPS.ERR

**File for Summary of Results: 14231 OPS.SUM

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
HARVILL INDUSTRIAL\14231 *** 10/06/22
*** AERMET - VERSION 16216 *** ***
*** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0000865	0	0.86520E-06	476733.8	3744312.6	458.3	3.49	4.00	
3.25	YES							
L0000866	0	0.86520E-06	476741.9	3744315.4	458.2	3.49	4.00	
3.25	YES							
L0000867	0	0.86520E-06	476750.1	3744318.3	458.0	3.49	4.00	
3.25	YES							
L0000868	0	0.86520E-06	476758.2	3744321.1	457.9	3.49	4.00	
3.25	YES							
L0000869	0	0.86520E-06	476766.3	3744323.9	457.8	3.49	4.00	
3.25	YES							
L0000870	0	0.86520E-06	476774.4	3744326.8	457.6	3.49	4.00	
3.25	YES							
L0000871	0	0.86520E-06	476782.5	3744329.6	457.5	3.49	4.00	
3.25	YES							
L0000872	0	0.86520E-06	476790.6	3744332.4	457.4	3.49	4.00	
3.25	YES							
L0000873	0	0.86520E-06	476798.7	3744335.3	457.2	3.49	4.00	
3.25	YES							
L0000874	0	0.86520E-06	476806.8	3744338.1	457.1	3.49	4.00	
3.25	YES							
L0000875	0	0.23210E-06	476660.4	3744406.6	459.1	3.49	4.00	
3.25	YES							
L0000876	0	0.23210E-06	476666.8	3744412.3	459.0	3.49	4.00	
3.25	YES							
L0000877	0	0.23210E-06	476673.3	3744417.9	459.0	3.49	4.00	
3.25	YES							
L0000878	0	0.23210E-06	476680.4	3744422.5	458.8	3.49	4.00	
3.25	YES							
L0000879	0	0.23210E-06	476688.5	3744425.2	458.6	3.49	4.00	
3.25	YES							
L0000880	0	0.23210E-06	476696.7	3744428.0	458.3	3.49	4.00	
3.25	YES							
L0000881	0	0.23210E-06	476704.8	3744430.7	458.1	3.49	4.00	
3.25	YES							
L0000882	0	0.23210E-06	476712.4	3744428.3	458.1	3.49	4.00	
3.25	YES							

L0000883	0	0.23210E-06	476715.3	3744420.3	458.0	3.49	4.00
3.25	YES						
L0000884	0	0.23210E-06	476718.3	3744412.2	458.0	3.49	4.00
3.25	YES						
L0000885	0	0.23210E-06	476721.2	3744404.1	458.0	3.49	4.00
3.25	YES						
L0000886	0	0.23210E-06	476724.2	3744396.1	458.0	3.49	4.00
3.25	YES						
L0000887	0	0.23210E-06	476727.1	3744388.0	458.0	3.49	4.00
3.25	YES						
L0000888	0	0.23210E-06	476730.1	3744379.9	458.0	3.49	4.00
3.25	YES						
L0000889	0	0.23210E-06	476733.0	3744371.9	458.0	3.49	4.00
3.25	YES						
L0000890	0	0.23210E-06	476736.0	3744363.8	458.0	3.49	4.00
3.25	YES						
L0000891	0	0.23210E-06	476738.9	3744355.7	458.0	3.49	4.00
3.25	YES						
L0000892	0	0.23210E-06	476742.3	3744348.0	458.0	3.49	4.00
3.25	YES						
L0000893	0	0.23210E-06	476749.3	3744344.0	457.9	3.49	4.00
3.25	YES						
L0000894	0	0.23210E-06	476757.4	3744346.7	457.8	3.49	4.00
3.25	YES						
L0000895	0	0.23210E-06	476765.5	3744349.5	457.7	3.49	4.00
3.25	YES						
L0000896	0	0.23210E-06	476773.7	3744352.3	457.6	3.49	4.00
3.25	YES						
L0000897	0	0.23210E-06	476781.8	3744355.1	457.4	3.49	4.00
3.25	YES						
L0000898	0	0.23210E-06	476789.9	3744357.9	457.3	3.49	4.00
3.25	YES						
L0000899	0	0.23210E-06	476798.1	3744360.6	457.2	3.49	4.00
3.25	YES						
L0000900	0	0.23210E-06	476806.2	3744363.4	457.1	3.49	4.00
3.25	YES						
L0000901	0	0.23210E-06	476814.3	3744364.7	457.0	3.49	4.00
3.25	YES						
L0000902	0	0.23210E-06	476818.9	3744358.3	457.0	3.49	4.00
3.25	YES						
L0000903	0	0.23210E-06	476821.8	3744350.2	457.0	3.49	4.00
3.25	YES						
L0000904	0	0.23210E-06	476824.7	3744342.1	457.0	3.49	4.00
3.25	YES						

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 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR VARY	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID								
(METERS)								
L0000905		0	0.23210E-06	476827.6	3744334.1	457.0	3.49	4.00
3.25	YES							
L0000906		0	0.23210E-06	476830.5	3744326.0	457.0	3.49	4.00
3.25	YES							
L0000907		0	0.23210E-06	476833.4	3744317.9	457.0	3.49	4.00
3.25	YES							
L0000908		0	0.23210E-06	476836.4	3744309.8	457.0	3.49	4.00
3.25	YES							
L0000909		0	0.23210E-06	476839.3	3744301.7	457.0	3.49	4.00
3.25	YES							
L0000910		0	0.23210E-06	476842.2	3744293.6	457.0	3.49	4.00
3.25	YES							
L0000911		0	0.23210E-06	476845.1	3744285.6	457.0	3.49	4.00
3.25	YES							
L0000912		0	0.23210E-06	476848.0	3744277.5	457.0	3.49	4.00
3.25	YES							
L0000913		0	0.23210E-06	476850.9	3744269.4	457.0	3.49	4.00
3.25	YES							
L0000914		0	0.23210E-06	476853.8	3744261.3	457.0	3.49	4.00
3.25	YES							
L0000915		0	0.23210E-06	476856.7	3744253.2	457.0	3.49	4.00
3.25	YES							
L0000916		0	0.23210E-06	476859.6	3744245.1	457.0	3.49	4.00
3.25	YES							
L0000917		0	0.23210E-06	476862.5	3744237.0	457.0	3.49	4.00
3.25	YES							
L0000918		0	0.23210E-06	476865.4	3744229.0	457.0	3.49	4.00
3.25	YES							
L0000919		0	0.23210E-06	476868.3	3744220.9	457.0	3.49	4.00
3.25	YES							
L0000920		0	0.23210E-06	476871.2	3744212.8	457.0	3.49	4.00
3.25	YES							
L0000921		0	0.23210E-06	476873.2	3744204.5	457.0	3.49	4.00
3.25	YES							
L0000922		0	0.23210E-06	476873.5	3744195.9	457.0	3.49	4.00
3.25	YES							

L0000923	0	0.90330E-07	476724.5	3744170.0	459.7	3.49	6.51
3.25 YES							
L0000924	0	0.90330E-07	476724.1	3744156.0	459.8	3.49	6.51
3.25 YES							
L0000925	0	0.90330E-07	476723.7	3744142.0	459.9	3.49	6.51
3.25 YES							
L0000926	0	0.90330E-07	476723.7	3744128.0	460.1	3.49	6.51
3.25 YES							
L0000927	0	0.90330E-07	476724.5	3744114.0	460.1	3.49	6.51
3.25 YES							
L0000928	0	0.90330E-07	476727.1	3744100.3	460.0	3.49	6.51
3.25 YES							
L0000929	0	0.90330E-07	476730.2	3744086.7	460.0	3.49	6.51
3.25 YES							
L0000930	0	0.90330E-07	476733.5	3744073.1	460.0	3.49	6.51
3.25 YES							
L0000931	0	0.90330E-07	476738.1	3744059.9	459.9	3.49	6.51
3.25 YES							
L0000932	0	0.90330E-07	476742.7	3744046.6	459.7	3.49	6.51
3.25 YES							
L0000933	0	0.90330E-07	476747.3	3744033.4	459.6	3.49	6.51
3.25 YES							
L0000934	0	0.90330E-07	476751.9	3744020.2	459.5	3.49	6.51
3.25 YES							
L0000935	0	0.90330E-07	476756.5	3744007.0	459.4	3.49	6.51
3.25 YES							
L0000936	0	0.90330E-07	476761.1	3743993.8	459.3	3.49	6.51
3.25 YES							
L0000937	0	0.90330E-07	476765.7	3743980.5	459.2	3.49	6.51
3.25 YES							
L0000938	0	0.90330E-07	476770.3	3743967.3	459.1	3.49	6.51
3.25 YES							
L0000939	0	0.90330E-07	476774.9	3743954.1	458.9	3.49	6.51
3.25 YES							
L0000940	0	0.90330E-07	476779.5	3743940.9	458.8	3.49	6.51
3.25 YES							
L0000941	0	0.90330E-07	476784.1	3743927.6	458.7	3.49	6.51
3.25 YES							
L0000942	0	0.90330E-07	476788.7	3743914.4	458.6	3.49	6.51
3.25 YES							
L0000943	0	0.90330E-07	476793.3	3743901.2	458.5	3.49	6.51
3.25 YES							
L0000944	0	0.90330E-07	476797.9	3743888.0	458.4	3.49	6.51
3.25 YES							

*** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0000945	0	0.90330E-07	476802.5	3743874.7	458.3	3.49	6.51	
3.25	YES							
L0000946	0	0.90330E-07	476807.1	3743861.5	458.2	3.49	6.51	
3.25	YES							
L0000947	0	0.90330E-07	476811.7	3743848.3	458.0	3.49	6.51	
3.25	YES							
L0000948	0	0.90330E-07	476816.3	3743835.0	458.0	3.49	6.51	
3.25	YES							
L0000949	0	0.90330E-07	476820.8	3743821.8	458.0	3.49	6.51	
3.25	YES							
L0000950	0	0.90330E-07	476825.2	3743808.5	458.0	3.49	6.51	
3.25	YES							
L0000951	0	0.90330E-07	476829.7	3743795.3	457.9	3.49	6.51	
3.25	YES							
L0000952	0	0.90330E-07	476834.2	3743782.0	457.9	3.49	6.51	
3.25	YES							
L0000953	0	0.90330E-07	476838.9	3743768.8	458.0	3.49	6.51	
3.25	YES							
L0000954	0	0.90330E-07	476843.5	3743755.6	458.0	3.49	6.51	
3.25	YES							
L0000955	0	0.90330E-07	476848.2	3743742.4	458.0	3.49	6.51	
3.25	YES							
L0000956	0	0.90330E-07	476852.9	3743729.2	458.1	3.49	6.51	
3.25	YES							
L0000957	0	0.90330E-07	476857.7	3743716.1	458.1	3.49	6.51	
3.25	YES							
L0000958	0	0.90330E-07	476862.6	3743702.9	458.3	3.49	6.51	
3.25	YES							
L0000959	0	0.90330E-07	476867.5	3743689.8	458.4	3.49	6.51	
3.25	YES							
L0000960	0	0.90330E-07	476872.4	3743676.7	458.6	3.49	6.51	
3.25	YES							
L0000961	0	0.90330E-07	476877.3	3743663.6	458.8	3.49	6.51	
3.25	YES							
L0000962	0	0.90330E-07	476882.2	3743650.5	458.9	3.49	6.51	
3.25	YES							

L0000963	0	0.90330E-07	476887.0	3743637.3	459.1	3.49	6.51
3.25 YES							
L0000964	0	0.90330E-07	476891.7	3743624.2	459.2	3.49	6.51
3.25 YES							
L0000965	0	0.90330E-07	476896.4	3743611.0	459.3	3.49	6.51
3.25 YES							
L0000966	0	0.90330E-07	476901.1	3743597.8	459.4	3.49	6.51
3.25 YES							
L0000967	0	0.90330E-07	476905.8	3743584.6	459.6	3.49	6.51
3.25 YES							
L0000968	0	0.90330E-07	476910.5	3743571.4	459.7	3.49	6.51
3.25 YES							
L0000969	0	0.90330E-07	476915.2	3743558.2	459.8	3.49	6.51
3.25 YES							
L0000970	0	0.90330E-07	476919.9	3743545.0	459.9	3.49	6.51
3.25 YES							
L0000971	0	0.90330E-07	476924.5	3743531.8	460.0	3.49	6.51
3.25 YES							
L0000972	0	0.90330E-07	476929.3	3743518.7	460.0	3.49	6.51
3.25 YES							
L0000973	0	0.90330E-07	476934.1	3743505.5	460.0	3.49	6.51
3.25 YES							
L0000974	0	0.90330E-07	476938.9	3743492.3	460.0	3.49	6.51
3.25 YES							
L0000975	0	0.90330E-07	476943.7	3743479.2	460.0	3.49	6.51
3.25 YES							
L0000976	0	0.90330E-07	476948.4	3743466.0	460.0	3.49	6.51
3.25 YES							
L0000977	0	0.90330E-07	476953.2	3743452.9	460.0	3.49	6.51
3.25 YES							
L0000978	0	0.90330E-07	476958.0	3743439.7	460.0	3.49	6.51
3.25 YES							
L0000979	0	0.90330E-07	476962.8	3743426.5	460.0	3.49	6.51
3.25 YES							
L0000980	0	0.90330E-07	476967.6	3743413.4	460.0	3.49	6.51
3.25 YES							
L0000981	0	0.90330E-07	476972.3	3743400.2	460.0	3.49	6.51
3.25 YES							
L0000982	0	0.90330E-07	476977.1	3743387.1	460.0	3.49	6.51
3.25 YES							
L0000983	0	0.90330E-07	476981.7	3743373.8	460.0	3.49	6.51
3.25 YES							
L0000984	0	0.90330E-07	476986.2	3743360.6	460.0	3.49	6.51
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0000985	0	0.90330E-07	476990.7	3743347.3	460.0	3.49	6.51	
3.25 YES								
L0000986	0	0.90330E-07	476995.3	3743334.1	460.0	3.49	6.51	
3.25 YES								
L0000987	0	0.90330E-07	476999.8	3743320.9	460.0	3.49	6.51	
3.25 YES								
L0000988	0	0.90330E-07	477004.3	3743307.6	460.0	3.49	6.51	
3.25 YES								
L0000989	0	0.90330E-07	477009.3	3743294.5	460.1	3.49	6.51	
3.25 YES								
L0000990	0	0.90330E-07	477014.9	3743281.7	460.1	3.49	6.51	
3.25 YES								
L0000991	0	0.90330E-07	477018.7	3743268.3	460.2	3.49	6.51	
3.25 YES								
L0000992	0	0.90330E-07	477021.8	3743254.6	460.4	3.49	6.51	
3.25 YES								
L0000993	0	0.90330E-07	477024.8	3743241.0	460.5	3.49	6.51	
3.25 YES								
L0000994	0	0.90330E-07	477028.3	3743227.4	460.4	3.49	6.51	
3.25 YES								
L0000995	0	0.90330E-07	477031.9	3743213.9	460.3	3.49	6.51	
3.25 YES								
L0000996	0	0.90330E-07	477035.5	3743200.3	460.2	3.49	6.51	
3.25 YES								
L0000997	0	0.90330E-07	477039.2	3743186.9	460.1	3.49	6.51	
3.25 YES								
L0000998	0	0.90330E-07	477043.9	3743173.6	460.1	3.49	6.51	
3.25 YES								
L0000999	0	0.90330E-07	477048.5	3743160.4	460.1	3.49	6.51	
3.25 YES								
L0001000	0	0.90330E-07	477053.2	3743147.2	460.1	3.49	6.51	
3.25 YES								
L0001001	0	0.90330E-07	477057.8	3743134.0	460.0	3.49	6.51	
3.25 YES								
L0001002	0	0.90330E-07	477062.4	3743120.8	460.0	3.49	6.51	
3.25 YES								

L0001003	0	0.90330E-07	477067.3	3743107.7	459.9	3.49	6.51
3.25 YES							
L0001004	0	0.90330E-07	477072.2	3743094.6	459.9	3.49	6.51
3.25 YES							
L0001005	0	0.90330E-07	477077.1	3743081.5	459.8	3.49	6.51
3.25 YES							
L0001006	0	0.90330E-07	477082.0	3743068.3	459.8	3.49	6.51
3.25 YES							
L0001007	0	0.90330E-07	477086.9	3743055.2	459.7	3.49	6.51
3.25 YES							
L0001008	0	0.90330E-07	477091.8	3743042.1	459.6	3.49	6.51
3.25 YES							
L0001009	0	0.90330E-07	477096.7	3743029.0	459.5	3.49	6.51
3.25 YES							
L0001010	0	0.90330E-07	477101.7	3743015.9	459.5	3.49	6.51
3.25 YES							
L0001011	0	0.90330E-07	477106.6	3743002.8	459.4	3.49	6.51
3.25 YES							
L0001012	0	0.90330E-07	477111.5	3742989.7	459.3	3.49	6.51
3.25 YES							
L0001013	0	0.90330E-07	477116.4	3742976.6	459.3	3.49	6.51
3.25 YES							
L0001014	0	0.90330E-07	477121.3	3742963.5	459.2	3.49	6.51
3.25 YES							
L0001015	0	0.90330E-07	477126.2	3742950.4	459.1	3.49	6.51
3.25 YES							
L0001016	0	0.90330E-07	477131.0	3742937.2	459.1	3.49	6.51
3.25 YES							
L0001017	0	0.90330E-07	477135.7	3742924.0	459.1	3.49	6.51
3.25 YES							
L0001018	0	0.90330E-07	477140.4	3742910.8	459.1	3.49	6.51
3.25 YES							
L0001019	0	0.90330E-07	477145.0	3742897.6	459.1	3.49	6.51
3.25 YES							
L0001020	0	0.90330E-07	477149.7	3742884.4	459.1	3.49	6.51
3.25 YES							
L0001021	0	0.90330E-07	477154.3	3742871.2	459.1	3.49	6.51
3.25 YES							
L0001022	0	0.90330E-07	477159.0	3742858.0	459.1	3.49	6.51
3.25 YES							
L0001023	0	0.90330E-07	477163.7	3742844.8	459.1	3.49	6.51
3.25 YES							
L0001024	0	0.90330E-07	477168.3	3742831.6	459.1	3.49	6.51
3.25 YES							

*** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	HEIGHT	SY
SZ	SCALAR VARY	PART.		(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY					
(METERS)							
L0001025	0	0.90330E-07	477173.0	3742818.4	459.2	3.49	6.51
3.25 YES							
L0001026	0	0.90330E-07	477177.7	3742805.2	459.2	3.49	6.51
3.25 YES							
L0001027	0	0.90330E-07	477182.4	3742792.0	459.2	3.49	6.51
3.25 YES							
L0001028	0	0.90330E-07	477187.2	3742778.9	459.1	3.49	6.51
3.25 YES							
L0001029	0	0.90330E-07	477192.0	3742765.7	459.1	3.49	6.51
3.25 YES							
L0001030	0	0.90330E-07	477196.8	3742752.6	459.1	3.49	6.51
3.25 YES							
L0001031	0	0.90330E-07	477201.6	3742739.4	459.0	3.49	6.51
3.25 YES							
L0001032	0	0.90330E-07	477206.5	3742726.3	459.0	3.49	6.51
3.25 YES							
L0001033	0	0.90330E-07	477211.3	3742713.1	459.0	3.49	6.51
3.25 YES							
L0001034	0	0.90330E-07	477216.1	3742700.0	459.0	3.49	6.51
3.25 YES							
L0001035	0	0.90330E-07	477220.9	3742686.9	458.9	3.49	6.51
3.25 YES							
L0001036	0	0.90330E-07	477225.7	3742673.7	458.9	3.49	6.51
3.25 YES							
L0001037	0	0.90330E-07	477230.5	3742660.5	458.8	3.49	6.51
3.25 YES							
L0001038	0	0.90330E-07	477234.4	3742647.1	458.7	3.49	6.51
3.25 YES							
L0001039	0	0.90330E-07	477237.4	3742633.5	458.5	3.49	6.51
3.25 YES							
L0001040	0	0.90330E-07	477240.4	3742619.8	458.2	3.49	6.51
3.25 YES							
L0001041	0	0.90330E-07	477242.5	3742606.0	458.1	3.49	6.51
3.25 YES							
L0001042	0	0.90330E-07	477243.2	3742592.0	458.1	3.49	6.51
3.25 YES							

L0001043	0	0.90330E-07	477243.9	3742578.0	458.1	3.49	6.51
3.25 YES							
L0001044	0	0.90330E-07	477253.8	3742574.3	458.1	3.49	6.51
3.25 YES							
L0001045	0	0.90330E-07	477267.8	3742575.1	458.0	3.49	6.51
3.25 YES							
L0001046	0	0.90330E-07	477281.8	3742575.9	457.9	3.49	6.51
3.25 YES							
L0001047	0	0.90330E-07	477295.7	3742576.2	457.5	3.49	6.51
3.25 YES							
L0001048	0	0.90330E-07	477309.7	3742576.6	457.1	3.49	6.51
3.25 YES							
L0001049	0	0.90330E-07	477323.7	3742576.8	456.9	3.49	6.51
3.25 YES							
L0001050	0	0.90330E-07	477337.7	3742576.9	456.7	3.49	6.51
3.25 YES							
L0001051	0	0.90330E-07	477351.7	3742577.0	456.5	3.49	6.51
3.25 YES							
L0001052	0	0.90330E-07	477365.7	3742577.2	456.3	3.49	6.51
3.25 YES							
L0001053	0	0.90330E-07	477379.7	3742577.3	456.2	3.49	6.51
3.25 YES							
L0001054	0	0.90330E-07	477393.7	3742577.4	456.0	3.49	6.51
3.25 YES							
L0001055	0	0.90330E-07	477407.7	3742577.0	455.6	3.49	6.51
3.25 YES							
L0001056	0	0.90330E-07	477421.7	3742576.6	455.2	3.49	6.51
3.25 YES							
L0001057	0	0.90330E-07	477435.7	3742576.3	454.9	3.49	6.51
3.25 YES							
L0001058	0	0.90330E-07	477449.7	3742575.9	454.5	3.49	6.51
3.25 YES							
L0001059	0	0.90330E-07	477463.7	3742575.7	454.3	3.49	6.51
3.25 YES							
L0001060	0	0.90330E-07	477477.7	3742575.4	454.1	3.49	6.51
3.25 YES							
L0001061	0	0.90330E-07	477491.7	3742575.1	453.9	3.49	6.51
3.25 YES							
L0001062	0	0.90330E-07	477505.7	3742574.8	453.7	3.49	6.51
3.25 YES							
L0001063	0	0.90330E-07	477519.7	3742574.6	453.5	3.49	6.51
3.25 YES							
L0001064	0	0.90330E-07	477533.7	3742574.3	453.2	3.49	6.51
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE			BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0001065	0	0.90330E-07	477547.7	3742574.0	453.0	3.49	6.51	
3.25	YES							
L0001066	0	0.90330E-07	477561.7	3742573.7	452.8	3.49	6.51	
3.25	YES							
L0001067	0	0.90330E-07	477575.7	3742573.5	452.6	3.49	6.51	
3.25	YES							
L0001068	0	0.90330E-07	477589.7	3742573.2	452.4	3.49	6.51	
3.25	YES							
L0001069	0	0.90330E-07	477603.7	3742572.9	452.2	3.49	6.51	
3.25	YES							
L0001070	0	0.90330E-07	477617.7	3742572.7	451.9	3.49	6.51	
3.25	YES							
L0001071	0	0.90330E-07	477631.7	3742572.4	451.7	3.49	6.51	
3.25	YES							
L0001072	0	0.90330E-07	477645.7	3742572.1	451.5	3.49	6.51	
3.25	YES							
L0001073	0	0.90330E-07	477659.7	3742571.8	451.3	3.49	6.51	
3.25	YES							
L0001074	0	0.90330E-07	477673.7	3742571.6	451.1	3.49	6.51	
3.25	YES							
L0001075	0	0.59580E-07	476645.8	3744402.4	459.3	3.49	6.51	
3.25	YES							
L0001076	0	0.59580E-07	476634.9	3744411.2	459.6	3.49	6.51	
3.25	YES							
L0001077	0	0.59580E-07	476623.5	3744419.4	459.8	3.49	6.51	
3.25	YES							
L0001078	0	0.59580E-07	476612.1	3744427.5	459.9	3.49	6.51	
3.25	YES							
L0001079	0	0.59580E-07	476600.7	3744435.6	460.0	3.49	6.51	
3.25	YES							
L0001080	0	0.59580E-07	476589.2	3744443.6	460.2	3.49	6.51	
3.25	YES							
L0001081	0	0.59580E-07	476577.6	3744451.5	460.4	3.49	6.51	
3.25	YES							
L0001082	0	0.59580E-07	476566.1	3744459.5	460.7	3.49	6.51	
3.25	YES							

L0001083	0	0.59580E-07	476554.6	3744467.4	460.9	3.49	6.51
3.25 YES							
L0001084	0	0.59580E-07	476543.0	3744475.3	461.2	3.49	6.51
3.25 YES							
L0001085	0	0.59580E-07	476531.5	3744483.2	461.4	3.49	6.51
3.25 YES							
L0001086	0	0.59580E-07	476519.9	3744491.1	461.6	3.49	6.51
3.25 YES							
L0001087	0	0.59580E-07	476508.4	3744499.1	461.9	3.49	6.51
3.25 YES							
L0001088	0	0.59580E-07	476496.9	3744507.0	461.9	3.49	6.51
3.25 YES							
L0001089	0	0.59580E-07	476485.4	3744515.0	461.9	3.49	6.51
3.25 YES							
L0001090	0	0.59580E-07	476473.9	3744523.0	462.0	3.49	6.51
3.25 YES							
L0001091	0	0.59580E-07	476462.4	3744531.0	462.0	3.49	6.51
3.25 YES							
L0001092	0	0.59580E-07	476450.9	3744539.0	462.0	3.49	6.51
3.25 YES							
L0001093	0	0.59580E-07	476439.4	3744547.0	462.1	3.49	6.51
3.25 YES							
L0001094	0	0.59580E-07	476427.9	3744555.0	462.1	3.49	6.51
3.25 YES							
L0001095	0	0.59580E-07	476416.4	3744563.0	462.1	3.49	6.51
3.25 YES							
L0001096	0	0.59580E-07	476405.2	3744571.3	462.3	3.49	6.51
3.25 YES							
L0001097	0	0.59580E-07	476393.9	3744579.6	462.4	3.49	6.51
3.25 YES							
L0001098	0	0.59580E-07	476382.6	3744588.0	462.6	3.49	6.51
3.25 YES							
L0001099	0	0.59580E-07	476371.4	3744596.3	462.8	3.49	6.51
3.25 YES							
L0001100	0	0.59580E-07	476360.1	3744604.6	463.0	3.49	6.51
3.25 YES							
L0001101	0	0.22670E-07	476345.9	3744589.4	463.1	3.49	6.51
3.25 YES							
L0001102	0	0.22670E-07	476338.4	3744577.6	463.2	3.49	6.51
3.25 YES							
L0001103	0	0.22670E-07	476330.8	3744565.8	463.3	3.49	6.51
3.25 YES							
L0001104	0	0.22670E-07	476323.3	3744554.0	463.4	3.49	6.51
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0001105	0	0.22670E-07	476315.8	3744542.2	463.5	3.49	6.51	
3.25	YES							
L0001106	0	0.22670E-07	476308.3	3744530.4	463.7	3.49	6.51	
3.25	YES							
L0001107	0	0.22670E-07	476300.7	3744518.6	463.8	3.49	6.51	
3.25	YES							
L0001108	0	0.22670E-07	476292.8	3744507.1	464.0	3.49	6.51	
3.25	YES							
L0001109	0	0.22670E-07	476284.7	3744495.6	464.3	3.49	6.51	
3.25	YES							
L0001110	0	0.22670E-07	476276.6	3744484.2	464.5	3.49	6.51	
3.25	YES							
L0001111	0	0.22670E-07	476268.5	3744472.8	464.8	3.49	6.51	
3.25	YES							
L0001112	0	0.22670E-07	476260.4	3744461.4	465.1	3.49	6.51	
3.25	YES							
L0001113	0	0.22670E-07	476252.3	3744450.0	465.3	3.49	6.51	
3.25	YES							
L0001114	0	0.22670E-07	476244.2	3744438.6	465.6	3.49	6.51	
3.25	YES							
L0001115	0	0.22670E-07	476236.1	3744427.1	465.8	3.49	6.51	
3.25	YES							
L0001116	0	0.22670E-07	476227.8	3744415.8	466.0	3.49	6.51	
3.25	YES							
L0001117	0	0.22670E-07	476219.5	3744404.6	466.2	3.49	6.51	
3.25	YES							
L0001118	0	0.22670E-07	476211.2	3744393.3	466.3	3.49	6.51	
3.25	YES							
L0001119	0	0.22670E-07	476202.9	3744382.0	466.5	3.49	6.51	
3.25	YES							
L0001120	0	0.22670E-07	476194.6	3744370.7	466.7	3.49	6.51	
3.25	YES							
L0001121	0	0.22670E-07	476186.3	3744359.5	466.8	3.49	6.51	
3.25	YES							
L0001122	0	0.22670E-07	476178.0	3744348.2	467.0	3.49	6.51	
3.25	YES							

L0001123	0	0.22670E-07	476169.4	3744337.2	467.2	3.49	6.51
3.25 YES							
L0001124	0	0.22670E-07	476160.2	3744326.6	467.6	3.49	6.51
3.25 YES							
L0001125	0	0.22670E-07	476151.1	3744316.0	467.9	3.49	6.51
3.25 YES							
L0001126	0	0.22880E-07	476339.0	3744618.7	463.0	3.49	6.51
3.25 YES							
L0001127	0	0.22880E-07	476327.5	3744626.8	463.2	3.49	6.51
3.25 YES							
L0001128	0	0.22880E-07	476316.6	3744635.5	463.4	3.49	6.51
3.25 YES							
L0001129	0	0.22880E-07	476305.7	3744644.3	463.6	3.49	6.51
3.25 YES							
L0001130	0	0.22880E-07	476294.8	3744653.1	463.9	3.49	6.51
3.25 YES							
L0001131	0	0.22880E-07	476285.7	3744663.7	463.9	3.49	6.51
3.25 YES							
L0001132	0	0.22880E-07	476276.9	3744674.6	464.0	3.49	6.51
3.25 YES							
L0001133	0	0.22880E-07	476268.2	3744685.5	464.0	3.49	6.51
3.25 YES							
L0001134	0	0.22880E-07	476260.2	3744697.1	464.0	3.49	6.51
3.25 YES							
L0001135	0	0.22880E-07	476252.3	3744708.6	464.0	3.49	6.51
3.25 YES							
L0001136	0	0.22880E-07	476244.3	3744720.1	464.1	3.49	6.51
3.25 YES							
L0001137	0	0.22880E-07	476238.9	3744732.8	464.0	3.49	6.51
3.25 YES							
L0001138	0	0.22880E-07	476234.5	3744746.2	464.0	3.49	6.51
3.25 YES							
L0001139	0	0.22880E-07	476230.3	3744759.5	463.9	3.49	6.51
3.25 YES							
L0001140	0	0.22880E-07	476227.5	3744773.2	464.0	3.49	6.51
3.25 YES							
L0001141	0	0.22880E-07	476224.6	3744786.9	464.0	3.49	6.51
3.25 YES							
L0001142	0	0.22880E-07	476222.9	3744800.8	464.0	3.49	6.51
3.25 YES							
L0001143	0	0.22880E-07	476221.8	3744814.7	464.0	3.49	6.51
3.25 YES							
L0001144	0	0.22880E-07	476220.8	3744828.7	464.0	3.49	6.51
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE			BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0001145	0	0.22880E-07	476219.7	3744842.7	464.0	3.49	6.51	
3.25	YES							
L0001146	0	0.22880E-07	476218.7	3744856.6	464.0	3.49	6.51	
3.25	YES							
L0001147	0	0.22880E-07	476217.6	3744870.6	464.0	3.49	6.51	
3.25	YES							
L0001148	0	0.22880E-07	476216.6	3744884.5	464.0	3.49	6.51	
3.25	YES							
L0001149	0	0.22880E-07	476216.1	3744898.5	464.0	3.49	6.51	
3.25	YES							
L0001150	0	0.22880E-07	476215.6	3744912.5	464.1	3.49	6.51	
3.25	YES							
L0001151	0	0.22880E-07	476215.2	3744926.5	464.1	3.49	6.51	
3.25	YES							
L0001152	0	0.22880E-07	476214.8	3744940.5	464.1	3.49	6.51	
3.25	YES							
L0001153	0	0.22880E-07	476214.3	3744954.5	464.1	3.49	6.51	
3.25	YES							
L0001154	0	0.14980E-07	476367.6	3744627.8	462.9	3.49	6.51	
3.25	YES							
L0001155	0	0.14980E-07	476376.3	3744638.7	462.7	3.49	6.51	
3.25	YES							
L0001156	0	0.14980E-07	476385.1	3744649.7	462.4	3.49	6.51	
3.25	YES							
L0001157	0	0.14980E-07	476393.9	3744660.6	462.2	3.49	6.51	
3.25	YES							
L0001158	0	0.14980E-07	476402.7	3744671.5	461.9	3.49	6.51	
3.25	YES							
L0001159	0	0.14980E-07	476412.4	3744681.6	461.7	3.49	6.51	
3.25	YES							
L0001160	0	0.14980E-07	476422.1	3744691.7	461.4	3.49	6.51	
3.25	YES							
L0001161	0	0.14980E-07	476431.8	3744701.8	461.1	3.49	6.51	
3.25	YES							
L0001162	0	0.14980E-07	476442.6	3744710.5	461.0	3.49	6.51	
3.25	YES							

L0001163	0	0.14980E-07	476453.9	3744718.8	460.9	3.49	6.51
3.25 YES							
L0001164	0	0.14980E-07	476465.2	3744727.1	460.9	3.49	6.51
3.25 YES							
L0001165	0	0.14980E-07	476477.0	3744734.5	460.8	3.49	6.51
3.25 YES							
L0001166	0	0.14980E-07	476489.1	3744741.6	460.6	3.49	6.51
3.25 YES							
L0001167	0	0.14980E-07	476501.2	3744748.6	460.4	3.49	6.51
3.25 YES							
L0001168	0	0.14980E-07	476513.3	3744755.6	460.3	3.49	6.51
3.25 YES							
L0001169	0	0.14980E-07	476525.4	3744762.7	460.1	3.49	6.51
3.25 YES							
L0001170	0	0.14980E-07	476537.7	3744769.5	459.9	3.49	6.51
3.25 YES							
L0001171	0	0.14980E-07	476550.4	3744775.2	459.5	3.49	6.51
3.25 YES							
L0001172	0	0.14980E-07	476563.2	3744781.0	459.2	3.49	6.51
3.25 YES							
L0001173	0	0.14980E-07	476576.0	3744786.7	458.8	3.49	6.51
3.25 YES							
L0001174	0	0.14980E-07	476588.7	3744792.5	458.5	3.49	6.51
3.25 YES							
L0001175	0	0.14980E-07	476601.5	3744798.2	458.1	3.49	6.51
3.25 YES							
L0001176	0	0.14980E-07	476614.6	3744803.2	458.0	3.49	6.51
3.25 YES							
L0001177	0	0.14980E-07	476627.8	3744807.9	457.9	3.49	6.51
3.25 YES							
L0001178	0	0.14980E-07	476640.9	3744812.6	457.8	3.49	6.51
3.25 YES							
L0001179	0	0.14980E-07	476654.1	3744817.4	457.7	3.49	6.51
3.25 YES							
L0001180	0	0.14980E-07	476667.3	3744822.1	457.6	3.49	6.51
3.25 YES							
L0001181	0	0.14980E-07	476680.5	3744826.8	457.5	3.49	6.51
3.25 YES							
L0001182	0	0.14980E-07	476693.6	3744831.6	457.4	3.49	6.51
3.25 YES							
L0001183	0	0.14980E-07	476706.8	3744836.3	457.2	3.49	6.51
3.25 YES							
L0001184	0	0.14980E-07	476720.0	3744841.0	457.2	3.49	6.51
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0001185	0	0.14980E-07	476733.2	3744845.8	457.1	3.49	6.51	
3.25	YES							
L0001186	0	0.14980E-07	476746.3	3744850.5	456.9	3.49	6.51	
3.25	YES							
L0001187	0	0.14980E-07	476759.5	3744855.2	456.8	3.49	6.51	
3.25	YES							
L0001188	0	0.14980E-07	476772.7	3744860.0	456.7	3.49	6.51	
3.25	YES							
L0001189	0	0.14980E-07	476785.9	3744864.7	456.6	3.49	6.51	
3.25	YES							
L0001190	0	0.14980E-07	476799.0	3744869.4	456.5	3.49	6.51	
3.25	YES							
L0001191	0	0.14980E-07	476812.2	3744874.2	456.4	3.49	6.51	
3.25	YES							
L0001192	0	0.14980E-07	476825.4	3744878.9	456.3	3.49	6.51	
3.25	YES							
L0001193	0	0.14980E-07	476838.6	3744883.6	456.2	3.49	6.51	
3.25	YES							
L0001194	0	0.14980E-07	476851.7	3744888.4	456.1	3.49	6.51	
3.25	YES							
L0001195	0	0.14980E-07	476864.9	3744893.1	456.0	3.49	6.51	
3.25	YES							
L0001196	0	0.37320E-07	476655.3	3744390.5	459.2	3.49	6.51	
3.25	YES							
L0001197	0	0.37320E-07	476664.2	3744379.6	459.1	3.49	6.51	
3.25	YES							
L0001198	0	0.37320E-07	476673.0	3744368.8	459.1	3.49	6.51	
3.25	YES							
L0001199	0	0.37320E-07	476680.7	3744357.1	459.1	3.49	6.51	
3.25	YES							
L0001200	0	0.37320E-07	476687.7	3744345.0	459.2	3.49	6.51	
3.25	YES							
L0001201	0	0.37320E-07	476694.3	3744332.7	459.2	3.49	6.51	
3.25	YES							
L0001202	0	0.37320E-07	476699.4	3744319.6	459.2	3.49	6.51	
3.25	YES							

L0001203	0	0.37320E-07	476704.4	3744306.5	459.1	3.49	6.51
3.25 YES							
L0001204	0	0.37320E-07	476709.2	3744293.4	459.0	3.49	6.51
3.25 YES							
L0001205	0	0.37320E-07	476714.0	3744280.2	458.9	3.49	6.51
3.25 YES							
L0001206	0	0.37320E-07	476716.9	3744266.6	459.0	3.49	6.51
3.25 YES							
L0001207	0	0.37320E-07	476719.0	3744252.8	459.1	3.49	6.51
3.25 YES							
L0001208	0	0.37320E-07	476721.2	3744238.9	459.1	3.49	6.51
3.25 YES							
L0001209	0	0.37320E-07	476723.2	3744225.1	459.2	3.49	6.51
3.25 YES							
L0001210	0	0.37320E-07	476724.0	3744211.1	459.3	3.49	6.51
3.25 YES							
L0001211	0	0.37320E-07	476723.7	3744197.1	459.4	3.49	6.51
3.25 YES							
L0001212	0	0.37320E-07	476723.5	3744183.1	459.6	3.49	6.51
3.25 YES							
L0001213	0	0.58350E-07	476739.4	3744178.5	459.1	3.49	4.00
3.25 YES							
L0001214	0	0.58350E-07	476748.0	3744178.7	459.0	3.49	4.00
3.25 YES							
L0001215	0	0.58350E-07	476756.6	3744178.9	458.9	3.49	4.00
3.25 YES							
L0001216	0	0.58350E-07	476765.2	3744179.2	458.7	3.49	4.00
3.25 YES							
L0001217	0	0.58350E-07	476773.8	3744179.4	458.6	3.49	4.00
3.25 YES							
L0001218	0	0.58350E-07	476782.3	3744179.6	458.5	3.49	4.00
3.25 YES							
L0001219	0	0.58350E-07	476790.9	3744179.9	458.3	3.49	4.00
3.25 YES							
L0001220	0	0.58350E-07	476799.5	3744180.1	458.2	3.49	4.00
3.25 YES							
L0001221	0	0.58350E-07	476808.1	3744180.4	458.1	3.49	4.00
3.25 YES							
L0001222	0	0.58350E-07	476816.7	3744180.6	457.9	3.49	4.00
3.25 YES							
L0001223	0	0.58350E-07	476825.3	3744180.8	457.8	3.49	4.00
3.25 YES							
L0001224	0	0.58350E-07	476833.9	3744181.1	457.7	3.49	4.00
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE			BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0001225	0	0.58350E-07	476842.4	3744181.3	457.5	3.49	4.00	
3.25	YES							
L0001226	0	0.58350E-07	476851.0	3744181.5	457.4	3.49	4.00	
3.25	YES							
L0001227	0	0.58350E-07	476859.6	3744181.8	457.3	3.49	4.00	
3.25	YES							
L0001228	0	0.58350E-07	476868.2	3744182.0	457.1	3.49	4.00	
3.25	YES							
L0001229	0	0.58350E-07	476876.8	3744182.3	457.0	3.49	4.00	
3.25	YES							
L0001230	0	0.22910E-06	476708.8	3744442.6	458.1	3.49	4.00	
3.25	YES							
L0001231	0	0.22910E-06	476712.6	3744450.1	458.1	3.49	4.00	
3.25	YES							
L0001232	0	0.22910E-06	476719.6	3744455.1	458.0	3.49	4.00	
3.25	YES							
L0001233	0	0.22910E-06	476726.6	3744460.1	457.9	3.49	4.00	
3.25	YES							
L0001234	0	0.22910E-06	476733.5	3744465.1	457.9	3.49	4.00	
3.25	YES							
L0001235	0	0.22910E-06	476740.5	3744470.1	457.8	3.49	4.00	
3.25	YES							
L0001236	0	0.22910E-06	476747.5	3744475.2	457.7	3.49	4.00	
3.25	YES							
L0001237	0	0.22910E-06	476753.2	3744476.2	457.7	3.49	4.00	
3.25	YES							
L0001238	0	0.22910E-06	476756.2	3744468.1	457.6	3.49	4.00	
3.25	YES							
L0001239	0	0.22910E-06	476759.1	3744460.1	457.6	3.49	4.00	
3.25	YES							
L0001240	0	0.22910E-06	476762.1	3744452.0	457.5	3.49	4.00	
3.25	YES							
L0001241	0	0.22910E-06	476765.0	3744443.9	457.4	3.49	4.00	
3.25	YES							
L0001242	0	0.22910E-06	476768.0	3744435.8	457.4	3.49	4.00	
3.25	YES							

L0001243	0	0.22910E-06	476770.9	3744427.8	457.4	3.49	4.00
3.25 YES							
L0001244	0	0.22910E-06	476773.8	3744419.7	457.3	3.49	4.00
3.25 YES							
L0001245	0	0.22910E-06	476776.8	3744411.6	457.2	3.49	4.00
3.25 YES							
L0001246	0	0.22910E-06	476779.7	3744403.6	457.2	3.49	4.00
3.25 YES							
L0001247	0	0.22910E-06	476782.7	3744395.5	457.2	3.49	4.00
3.25 YES							
L0001248	0	0.22910E-06	476785.6	3744387.4	457.1	3.49	4.00
3.25 YES							
L0001249	0	0.22910E-06	476788.6	3744379.4	457.1	3.49	4.00
3.25 YES							
L0001250	0	0.22910E-06	476791.5	3744371.3	457.0	3.49	4.00
3.25 YES							
L0001251	0	0.28640E-06	476773.5	3744487.7	457.0	3.49	4.00
3.25 YES							
L0001252	0	0.28640E-06	476776.5	3744479.7	457.0	3.49	4.00
3.25 YES							
L0001253	0	0.28640E-06	476779.4	3744471.6	457.0	3.49	4.00
3.25 YES							
L0001254	0	0.28640E-06	476782.4	3744463.5	457.0	3.49	4.00
3.25 YES							
L0001255	0	0.28640E-06	476785.3	3744455.5	457.0	3.49	4.00
3.25 YES							
L0001256	0	0.28640E-06	476788.3	3744447.4	457.0	3.49	4.00
3.25 YES							
L0001257	0	0.28640E-06	476791.2	3744439.3	457.0	3.49	4.00
3.25 YES							
L0001258	0	0.28640E-06	476794.2	3744431.3	457.0	3.49	4.00
3.25 YES							
L0001259	0	0.28640E-06	476797.1	3744423.2	457.0	3.49	4.00
3.25 YES							
L0001260	0	0.28640E-06	476800.1	3744415.2	457.0	3.49	4.00
3.25 YES							
L0001261	0	0.28640E-06	476803.1	3744407.1	457.0	3.49	4.00
3.25 YES							
L0001262	0	0.28640E-06	476806.0	3744399.0	457.0	3.49	4.00
3.25 YES							
L0001263	0	0.28640E-06	476809.0	3744391.0	457.0	3.49	4.00
3.25 YES							
L0001264	0	0.28640E-06	476811.9	3744382.9	457.0	3.49	4.00
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY					(METERS)
(METERS)							
L0001265	0	0.28390E-06	476739.6	3744457.2	457.9	3.49	4.00
3.25 YES							
L0001266	0	0.28390E-06	476742.6	3744449.2	457.9	3.49	4.00
3.25 YES							
L0001267	0	0.28390E-06	476745.6	3744441.1	457.8	3.49	4.00
3.25 YES							
L0001268	0	0.28390E-06	476748.6	3744433.1	457.7	3.49	4.00
3.25 YES							
L0001269	0	0.28390E-06	476751.6	3744425.0	457.6	3.49	4.00
3.25 YES							
L0001270	0	0.28390E-06	476754.6	3744417.0	457.6	3.49	4.00
3.25 YES							
L0001271	0	0.28390E-06	476757.6	3744408.9	457.5	3.49	4.00
3.25 YES							
L0001272	0	0.28390E-06	476760.6	3744400.9	457.4	3.49	4.00
3.25 YES							
L0001273	0	0.28390E-06	476763.6	3744392.8	457.3	3.49	4.00
3.25 YES							
L0001274	0	0.28390E-06	476766.6	3744384.8	457.3	3.49	4.00
3.25 YES							
L0001275	0	0.28390E-06	476769.7	3744376.8	457.2	3.49	4.00
3.25 YES							
L0001276	0	0.28390E-06	476772.7	3744368.7	457.1	3.49	4.00
3.25 YES							
L0001277	0	0.29150E-06	476726.4	3744445.4	458.1	3.49	4.00
3.25 YES							
L0001278	0	0.29150E-06	476729.3	3744437.3	458.0	3.49	4.00
3.25 YES							
L0001279	0	0.29150E-06	476732.3	3744429.2	457.9	3.49	4.00
3.25 YES							
L0001280	0	0.29150E-06	476735.3	3744421.2	457.9	3.49	4.00
3.25 YES							
L0001281	0	0.29150E-06	476738.2	3744413.1	457.9	3.49	4.00
3.25 YES							
L0001282	0	0.29150E-06	476741.2	3744405.0	457.8	3.49	4.00
3.25 YES							

L0001283	0	0.29150E-06	476744.1	3744397.0	457.8	3.49	4.00
3.25 YES							
L0001284	0	0.29150E-06	476747.1	3744388.9	457.7	3.49	4.00
3.25 YES							
L0001285	0	0.29150E-06	476750.1	3744380.8	457.6	3.49	4.00
3.25 YES							
L0001286	0	0.29150E-06	476753.0	3744372.8	457.6	3.49	4.00
3.25 YES							
L0001287	0	0.29150E-06	476756.0	3744364.7	457.5	3.49	4.00
3.25 YES							
L0000861	0	0.30800E-06	476710.9	3744378.0	458.0	3.49	4.00
3.25 YES							
L0000862	0	0.30800E-06	476713.8	3744369.9	458.2	3.49	4.00
3.25 YES							
L0000863	0	0.30800E-06	476716.8	3744361.9	458.4	3.49	4.00
3.25 YES							
L0000864	0	0.30800E-06	476719.8	3744353.8	458.5	3.49	4.00
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870	, L0000871 , L0000872 ,
L0000878	L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
	, L0000879 , L0000880 ,
L0000886	L0000881 , L0000882 , L0000883 , L0000884 , L0000885 ,
	, L0000887 , L0000888 ,
L0000894	L0000889 , L0000890 , L0000891 , L0000892 , L0000893 ,
	, L0000895 , L0000896 ,
L0000902	L0000897 , L0000898 , L0000899 , L0000900 , L0000901 ,
	, L0000903 , L0000904 ,
	L0000905 , L0000906 , L0000907 , L0000908 , L0000909 ,

L0000910 , L0000911 , L0000912 ,
 L0000918 , L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 ,
 L0000926 , L0000927 , L0000928 ,
 L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 ,
 L0000942 , L0000943 , L0000944 ,
 L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 ,
 L0000958 , L0000959 , L0000960 ,
 L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 ,
 L0000974 , L0000975 , L0000976 ,
 L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , L0000989 ,
 L0000990 , L0000991 , L0000992 ,
 L0000998 , L0000999 , L0001000 ,
 L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 ,
 L0001014 , L0001015 , L0001016 ,
 L0001022 , L0001023 , L0001024 ,

*** AERMOD - VERSION 21112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 ***
 *** 15:56:48

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID -----	SOURCE IDs -----					
L0001030	L0001025 , L0001031	, L0001026 , L0001032	, L0001027 ,	, L0001028	, L0001029	,
L0001038	L0001033 , L0001039	, L0001034 , L0001040	, L0001035 ,	, L0001036	, L0001037	,
L0001046	L0001041 , L0001047	, L0001042 , L0001048	, L0001043 ,	, L0001044	, L0001045	,
L0001054	L0001049 , L0001055	, L0001050 , L0001056	, L0001051 ,	, L0001052	, L0001053	,
L0001062	L0001057 , L0001063	, L0001058 , L0001064	, L0001059 ,	, L0001060	, L0001061	,
L0001070	L0001065 , L0001071	, L0001066 , L0001072	, L0001067 ,	, L0001068	, L0001069	,
L0001078	L0001073 , L0001079	, L0001074 , L0001080	, L0001075 ,	, L0001076	, L0001077	,
L0001086	L0001081 , L0001087	, L0001082 , L0001088	, L0001083 ,	, L0001084	, L0001085	,
L0001094	L0001089 , L0001095	, L0001090 , L0001096	, L0001091 ,	, L0001092	, L0001093	,
L0001102	L0001097 , L0001103	, L0001098 , L0001104	, L0001099 ,	, L0001100	, L0001101	,
L0001110	L0001105 , L0001111	, L0001106 , L0001112	, L0001107 ,	, L0001108	, L0001109	,
L0001118	L0001113 , L0001119	, L0001114 , L0001120	, L0001115 ,	, L0001116	, L0001117	,
L0001126	L0001121 , L0001127	, L0001122 , L0001128	, L0001123 ,	, L0001124	, L0001125	,
L0001134	L0001129 , L0001135	, L0001130 , L0001136	, L0001131 ,	, L0001132	, L0001133	,

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L0001142    L0001137    , L0001138    , L0001139    , L0001140    , L0001141    ,
            , L0001143    , L0001144    ,
L0001150    L0001145    , L0001146    , L0001147    , L0001148    , L0001149    ,
            , L0001151    , L0001152    ,
L0001158    L0001153    , L0001154    , L0001155    , L0001156    , L0001157    ,
            , L0001159    , L0001160    ,
L0001166    L0001161    , L0001162    , L0001163    , L0001164    , L0001165    ,
            , L0001167    , L0001168    ,
L0001174    L0001169    , L0001170    , L0001171    , L0001172    , L0001173    ,
            , L0001175    , L0001176    ,
L0001182    L0001177    , L0001178    , L0001179    , L0001180    , L0001181    ,
            , L0001183    , L0001184    ,
^ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
HARVILL INDUSTRIAL\14231 ***      10/06/22
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

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SRCGROUP ID                                SOURCE IDs
-----
L0001190    L0001185    , L0001186    , L0001187    , L0001188    , L0001189    ,
            , L0001191    , L0001192    ,
L0001198    L0001193    , L0001194    , L0001195    , L0001196    , L0001197    ,
            , L0001199    , L0001200    ,
L0001206    L0001201    , L0001202    , L0001203    , L0001204    , L0001205    ,
            , L0001207    , L0001208    ,
L0001214    L0001209    , L0001210    , L0001211    , L0001212    , L0001213    ,
            , L0001215    , L0001216    ,
L0001222    L0001217    , L0001218    , L0001219    , L0001220    , L0001221    ,
            , L0001223    , L0001224    ,
            L0001225    , L0001226    , L0001227    , L0001228    , L0001229    ,

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L0001230 , L0001231 , L0001232 ,
 L0001238 , L0001233 , L0001234 , L0001235 , L0001236 , L0001237 ,
 L0001246 , L0001239 , L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 ,
 L0001254 , L0001247 , L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 ,
 L0001262 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 ,
 L0001270 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 , L0001268 , L0001269 ,
 L0001278 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 ,
 L0001286 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 ,
 , L0001287 , L0000861 ,

L0000862 , L0000863 , L0000864 ,
 *** AERMOD - VERSION 21112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000869	2189641.	L0000865 , L0000866 , L0000867 , L0000868 ,
L0000872		, L0000870 , L0000871 ,
L0000878		, L0000872 ,
	L0000873	, L0000874 , L0000875 , L0000876 , L0000877 ,
	, L0000879	, L0000880 ,
L0000886		, L0000878 ,
	L0000881	, L0000882 , L0000883 , L0000884 , L0000885 ,
	, L0000887	, L0000888 ,

L0000894	L0000889 , L0000895	, L0000890 , L0000896	, L0000891 ,	, L0000892	, L0000893	,
L0000902	L0000897 , L0000903	, L0000898 , L0000904	, L0000899 ,	, L0000900	, L0000901	,
L0000910	L0000905 , L0000911	, L0000906 , L0000912	, L0000907 ,	, L0000908	, L0000909	,
L0000918	L0000913 , L0000919	, L0000914 , L0000920	, L0000915 ,	, L0000916	, L0000917	,
L0000926	L0000921 , L0000927	, L0000922 , L0000928	, L0000923 ,	, L0000924	, L0000925	,
L0000934	L0000929 , L0000935	, L0000930 , L0000936	, L0000931 ,	, L0000932	, L0000933	,
L0000942	L0000937 , L0000943	, L0000938 , L0000944	, L0000939 ,	, L0000940	, L0000941	,
L0000950	L0000945 , L0000951	, L0000946 , L0000952	, L0000947 ,	, L0000948	, L0000949	,
L0000958	L0000953 , L0000959	, L0000954 , L0000960	, L0000955 ,	, L0000956	, L0000957	,
L0000966	L0000961 , L0000967	, L0000962 , L0000968	, L0000963 ,	, L0000964	, L0000965	,
L0000974	L0000969 , L0000975	, L0000970 , L0000976	, L0000971 ,	, L0000972	, L0000973	,
L0000982	L0000977 , L0000983	, L0000978 , L0000984	, L0000979 ,	, L0000980	, L0000981	,
L0000990	L0000985 , L0000991	, L0000986 , L0000992	, L0000987 ,	, L0000988	, L0000989	,
L0000998	L0000993 , L0000999	, L0000994 , L0001000	, L0000995 ,	, L0000996	, L0000997	,
L0001006	L0001001 , L0001007	, L0001002 , L0001008	, L0001003 ,	, L0001004	, L0001005	,
L0001014	L0001009 , L0001015	, L0001010 , L0001016	, L0001011 ,	, L0001012	, L0001013	,
L0001022	L0001017 , L0001023	, L0001018 , L0001024	, L0001019 ,	, L0001020	, L0001021	,

▲ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001030	L0001025 , L0001031	L0001026 , L0001032 , L0001027 , L0001028 , L0001029 ,
L0001038	L0001033 , L0001039	L0001034 , L0001040 , L0001035 , L0001036 , L0001037 ,
L0001046	L0001041 , L0001047	L0001042 , L0001048 , L0001043 , L0001044 , L0001045 ,
L0001054	L0001049 , L0001055	L0001050 , L0001056 , L0001051 , L0001052 , L0001053 ,
L0001062	L0001057 , L0001063	L0001058 , L0001064 , L0001059 , L0001060 , L0001061 ,
L0001070	L0001065 , L0001071	L0001066 , L0001072 , L0001067 , L0001068 , L0001069 ,
L0001078	L0001073 , L0001079	L0001074 , L0001080 , L0001075 , L0001076 , L0001077 ,
L0001086	L0001081 , L0001087	L0001082 , L0001088 , L0001083 , L0001084 , L0001085 ,
L0001094	L0001089 , L0001095	L0001090 , L0001096 , L0001091 , L0001092 , L0001093 ,
L0001102	L0001097 , L0001103	L0001098 , L0001104 , L0001099 , L0001100 , L0001101 ,
L0001110	L0001105 , L0001111	L0001106 , L0001112 , L0001107 , L0001108 , L0001109 ,
	L0001113	L0001114 , L0001115 , L0001116 , L0001117 ,

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L0001118 , L0001119 , L0001120 ,
      L0001121 , L0001122 , L0001123 , L0001124 , L0001125 ,
L0001126 , L0001127 , L0001128 ,
      L0001129 , L0001130 , L0001131 , L0001132 , L0001133 ,
L0001134 , L0001135 , L0001136 ,
      L0001137 , L0001138 , L0001139 , L0001140 , L0001141 ,
L0001142 , L0001143 , L0001144 ,
      L0001145 , L0001146 , L0001147 , L0001148 , L0001149 ,
L0001150 , L0001151 , L0001152 ,
      L0001153 , L0001154 , L0001155 , L0001156 , L0001157 ,
L0001158 , L0001159 , L0001160 ,
      L0001161 , L0001162 , L0001163 , L0001164 , L0001165 ,
L0001166 , L0001167 , L0001168 ,
      L0001169 , L0001170 , L0001171 , L0001172 , L0001173 ,
L0001174 , L0001175 , L0001176 ,
      L0001177 , L0001178 , L0001179 , L0001180 , L0001181 ,
L0001182 , L0001183 , L0001184 ,
^ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
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*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001190	L0001185 , L0001191	L0001186 , L0001187 , L0001188 , L0001189 ,
L0001198	L0001193 , L0001199	L0001194 , L0001195 , L0001196 , L0001197 ,
L0001206	L0001201 , L0001207	L0001202 , L0001203 , L0001204 , L0001205 ,

L0001214 L0001209 , L0001210 , L0001211 , L0001212 , L0001213 ,
 , L0001215 , L0001216 ,
 L0001222 L0001217 , L0001218 , L0001219 , L0001220 , L0001221 ,
 , L0001223 , L0001224 ,
 L0001230 L0001225 , L0001226 , L0001227 , L0001228 , L0001229 ,
 , L0001231 , L0001232 ,
 L0001238 L0001233 , L0001234 , L0001235 , L0001236 , L0001237 ,
 , L0001239 , L0001240 ,
 L0001246 L0001241 , L0001242 , L0001243 , L0001244 , L0001245 ,
 , L0001247 , L0001248 ,
 L0001254 L0001249 , L0001250 , L0001251 , L0001252 , L0001253 ,
 , L0001255 , L0001256 ,
 L0001262 L0001257 , L0001258 , L0001259 , L0001260 , L0001261 ,
 , L0001263 , L0001264 ,
 L0001270 L0001265 , L0001266 , L0001267 , L0001268 , L0001269 ,
 , L0001271 , L0001272 ,
 L0001278 L0001273 , L0001274 , L0001275 , L0001276 , L0001277 ,
 , L0001279 , L0001280 ,
 L0001286 L0001281 , L0001282 , L0001283 , L0001284 , L0001285 ,
 , L0001287 , L0000861 ,

L0000862 , L0000863 , L0000864 ,
 ^ *** AERMOD - VERSION 21112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
 HARVILL INDUSTRIAL\14231 *** 10/06/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

(477059.7, 3744372.6, 455.0, 455.0, 0.0); (477060.3,
 3744356.1, 455.0, 455.0, 0.0);
 (477081.9, 3744339.8, 455.0, 455.0, 0.0); (477115.7,
 3744317.3, 455.0, 455.0, 0.0);
 (477118.4, 3744296.3, 455.0, 455.0, 0.0); (476645.4,
 3744114.3, 461.1, 461.1, 0.0);
 (476605.9, 3744109.3, 461.9, 461.9, 0.0); (476555.2,

3744160.8, 462.2, 462.2, 0.0);
(476771.6, 3744165.0, 459.0, 459.0, 0.0); (476746.3,
3744163.3, 459.1, 459.1, 0.0);
(476806.0, 3744146.8, 457.9, 457.9, 0.0); (476880.3,
3744148.5, 457.0, 457.0, 0.0);
(476656.3, 3744337.7, 459.9, 459.9, 0.0); (476634.1,
3744366.4, 460.0, 460.0, 0.0);
(476687.9, 3744470.0, 458.7, 458.7, 0.0); (476663.5,
3744452.5, 459.0, 459.0, 0.0);
(476555.5, 3744125.1, 462.5, 462.5, 0.0); (477146.8,
3744130.9, 456.0, 456.0, 0.0);
(477122.1, 3744258.1, 455.0, 455.0, 0.0); (476656.7,
3744232.1, 460.6, 460.6, 0.0);
(476467.5, 3744158.2, 464.0, 464.0, 0.0); (476489.6,
3744137.9, 463.3, 463.3, 0.0);
(476411.9, 3744482.6, 463.0, 463.0, 0.0); (476343.6,
3744445.4, 464.0, 464.0, 0.0);
(476441.6, 3744388.4, 463.0, 463.0, 0.0); (476249.5,
3744329.7, 466.3, 466.3, 0.0);
(476453.8, 3744560.9, 462.0, 462.0, 0.0); (476581.3,
3744503.1, 460.3, 460.3, 0.0);
(476804.1, 3744092.9, 458.0, 458.0, 0.0); (476803.7,
3744033.1, 458.4, 458.4, 0.0);
(477009.9, 3743352.8, 460.0, 460.0, 0.0); (477036.1,
3743271.3, 460.0, 460.0, 0.0);
(476951.3, 3743310.1, 461.0, 461.0, 0.0); (477084.6,
3742902.3, 460.5, 460.5, 0.0);
(477062.3, 3742957.5, 460.2, 460.2, 0.0); (477123.7,
3742856.7, 460.0, 460.0, 0.0);
(477137.9, 3742815.7, 459.7, 459.7, 0.0); (477212.5,
3742908.1, 458.0, 458.0, 0.0);
(477035.8, 3742769.4, 462.1, 462.1, 0.0); (477027.2,
3742701.3, 463.4, 463.4, 0.0);
(477027.0, 3742662.1, 464.1, 464.1, 0.0); (477024.0,
3742614.4, 464.5, 464.5, 0.0);
(477314.6, 3742642.8, 456.8, 456.8, 0.0); (478159.6,
3742336.3, 446.0, 446.0, 0.0);
(477148.2, 3744067.0, 456.0, 456.0, 0.0); (477147.8,
3744033.0, 456.0, 456.0, 0.0);
(477232.9, 3743991.1, 455.6, 455.6, 0.0); (475782.4,
3744694.2, 472.0, 472.0, 0.0);
(475780.4, 3744425.9, 473.0, 473.0, 0.0); (476330.3,
3744653.9, 463.0, 463.0, 0.0);
(476315.4, 3744669.4, 463.2, 463.2, 0.0); (476396.5,
3744608.8, 462.4, 462.4, 0.0);
(475779.0, 3744719.4, 472.0, 472.0, 0.0); (475779.6,
3744792.6, 472.0, 472.0, 0.0);
(475781.3, 3744828.1, 471.9, 471.9, 0.0); (475767.6,
3744638.3, 473.0, 473.0, 0.0);
(475777.1, 3744587.1, 472.1, 472.1, 0.0); (476056.0,

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3744635.6,    467.0,    467.0,    0.0);
  ( 476433.2, 3745001.3,    460.2,    460.2,    0.0);    ( 476283.3,
3745001.8,    463.0,    463.0,    0.0);
  ( 476247.0, 3744901.3,    463.4,    463.4,    0.0);    ( 475777.3,
3744883.4,    472.0,    472.0,    0.0);
^ *** AERMOD - VERSION 21112 ***    *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
HARVILL INDUSTRIAL\14231 ***    10/06/22
*** AERMET - VERSION 16216 ***    ***
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*** MODELOPTs:   RegDFault  CONC  ELEV  URBAN  ADJ_U*

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*** METEOROLOGICAL DAYS SELECTED FOR

PROCESSING ***

(1=YES; 0=NO)

```

    1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

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^ *** AERMOD - VERSION 21112 ***    *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14231
HARVILL INDUSTRIAL\14231 ***    10/06/22
*** AERMET - VERSION 16216 ***    ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: PERI_V9_ADJU\PERI_V9.SFC
Met Version: 16216
Profile file: PERI_V9_ADJU\PERI_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2010

Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							

10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61
1.00	1.30	335.			9.1	282.5	5.5						
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61
1.00	0.90	142.			9.1	280.9	5.5						
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61
1.00	0.90	324.			9.1	280.4	5.5						
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61
1.00	0.40	294.			9.1	278.8	5.5						
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61
1.00	0.90	205.			9.1	278.1	5.5						
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61
1.00	0.40	3.			9.1	277.0	5.5						
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61
1.00	1.30	99.			9.1	277.0	5.5						
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61
0.54	0.90	319.			9.1	278.8	5.5						
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61
0.33	0.90	239.			9.1	284.2	5.5						
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61
0.26	0.40	188.			9.1	289.2	5.5						
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61
0.23	2.70	310.			9.1	290.9	5.5						
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61
0.22	2.20	357.			9.1	293.1	5.5						
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61
0.22	2.20	356.			9.1	293.8	5.5						
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61

0.23	2.20	50.	9.1	294.2	5.5								
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61
0.27	1.80	53.	9.1	293.8	5.5								
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61
0.36	1.80	11.	9.1	292.5	5.5								
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61
0.64	0.90	351.	9.1	290.4	5.5								
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61
1.00	0.90	186.	9.1	287.5	5.5								
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61
1.00	0.90	275.	9.1	285.9	5.5								
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61
1.00	0.40	181.	9.1	285.4	5.5								
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61
1.00	1.30	318.	9.1	284.9	5.5								
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61
1.00	0.90	196.	9.1	283.1	5.5								
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61
1.00	0.90	330.	9.1	281.4	5.5								
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61
1.00	1.30	332.	9.1	280.9	5.5								

First hour of profile data

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

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

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
                                INCLUDING SOURCE(S): L0000865 , L0000866
, L0000867 , L0000868 , L0000869 ,
, L0000870 , L0000871 , L0000872 , L0000873 , L0000874
, L0000875 , L0000876 , L0000877 ,
, L0000878 , L0000879 , L0000880 , L0000881 , L0000882
, L0000883 , L0000884 , L0000885 ,
, L0000886 , L0000887 , L0000888 , L0000889 , L0000890
, L0000891 , L0000892 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC	CONC	X-COORD (M)
477059.73	3744372.63	0.00052	477060.34
3744356.14	0.00052		
477081.94	3744339.84	0.00047	477115.68
3744317.30	0.00040		
477118.40	3744296.27	0.00039	476645.39
3744114.29	0.00073		
476605.92	3744109.28	0.00059	476555.25
3744160.84	0.00056		
476771.63	3744165.00	0.00204	476746.29
3744163.32	0.00200		
476805.97	3744146.78	0.00154	476880.30
3744148.46	0.00144		
476656.26	3744337.74	0.00253	476634.06
3744366.43	0.00220		
476687.90	3744470.01	0.00356	476663.51
3744452.52	0.00307		
476555.45	3744125.10	0.00050	477146.78
3744130.89	0.00031		
477122.13	3744258.08	0.00038	476656.68
3744232.08	0.00133		
476467.47	3744158.22	0.00038	476489.56
3744137.95	0.00039		
476411.89	3744482.59	0.00049	476343.59
3744445.36	0.00035		
476441.57	3744388.40	0.00049	476249.50
3744329.72	0.00025		
476453.77	3744560.90	0.00077	476581.34
3744503.12	0.00104		
476804.10	3744092.94	0.00100	476803.71
3744033.09	0.00082		
477009.90	3743352.81	0.00076	477036.08
3743271.32	0.00080		
476951.27	3743310.06	0.00041	477084.58
3742902.26	0.00035		
477062.33	3742957.48	0.00035	477123.72
3742856.68	0.00050		
477137.93	3742815.66	0.00049	477212.45
3742908.15	0.00032		
477035.83	3742769.37	0.00017	477027.25
3742701.27	0.00015		
477026.99	3742662.13	0.00013	477024.04
3742614.41	0.00012		

477314.65	3742642.83	0.00037	478159.58
3742336.29	0.00004		
477148.20	3744067.04	0.00029	477147.76
3744032.98	0.00028		
477232.90	3743991.07	0.00021	475782.40
3744694.16	0.00007		
475780.39	3744425.93	0.00007	476330.35
3744653.91	0.00042		
476315.43	3744669.42	0.00038	476396.48
3744608.78	0.00062		
475778.95	3744719.38	0.00006	475779.64
3744792.58	0.00006		
475781.26	3744828.13	0.00006	475767.64
3744638.34	0.00006		
475777.10	3744587.08	0.00007	476056.02
3744635.57	0.00013		
476433.22	3745001.31	0.00015	476283.27
3745001.75	0.00013		
476246.99	3744901.34	0.00022	475777.34
3744883.44	0.00006		

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 *** 15:56:48

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

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

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	
ALL	1ST HIGHEST VALUE IS	0.00356 AT (	476687.90, 3744470.01,
458.73,	458.73, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00307 AT (	476663.51, 3744452.52,
459.00,	459.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00253 AT (	476656.26, 3744337.74,
459.85,	459.85, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00220 AT (	476634.06, 3744366.43,
460.00,	460.00, 0.00) DC		

459.00, 5TH HIGHEST VALUE IS 0.00204 AT (476771.63, 3744165.00,
 459.00, 459.00, 0.00) DC
 459.07, 6TH HIGHEST VALUE IS 0.00200 AT (476746.29, 3744163.32,
 459.07, 459.07, 0.00) DC
 457.93, 7TH HIGHEST VALUE IS 0.00154 AT (476805.97, 3744146.78,
 457.93, 457.93, 0.00) DC
 457.00, 8TH HIGHEST VALUE IS 0.00144 AT (476880.30, 3744148.46,
 457.00, 457.00, 0.00) DC
 460.62, 9TH HIGHEST VALUE IS 0.00133 AT (476656.68, 3744232.08,
 460.62, 460.62, 0.00) DC
 460.28, 10TH HIGHEST VALUE IS 0.00104 AT (476581.34, 3744503.12,
 460.28, 460.28, 0.00) DC

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

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 *** AERMET - VERSION 16216 *** ***
 *** 15:56:48

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 4 Warning Message(s)
 A Total of 2028 Informational Message(s)
 A Total of 43824 Hours Were Processed
 A Total of 978 Calm Hours Identified
 A Total of 1050 Missing Hours Identified (2.40 Percent)

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

***** WARNING MESSAGES *****
 ME W186 1216 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
 ME W187 1216 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:
14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

*** AERMOD Finishes Successfully ***

APPENDIX 2.4:
RISK CALCULATIONS

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Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Construction Activity

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.02747			2.75E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-05	2.7E-06	5.0E+00	1.4E-03	5.5E-03				
TOTAL					2.7E-06				5.5E-03 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

2.71

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	260
exposure duration (years)	1.00
inhalation rate (L/kg-day)	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (0 to 2 years old)	10

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00055			5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.3E-07	5.0E+00	1.4E-03	1.1E-04				
TOTAL					1.3E-07				1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.13

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	13.23
inhalation rate (L/kg-day)	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72
age sensitivity factor (ages 2 to 16 years)	3

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00055			5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04				
TOTAL					2.1E-08				1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.02

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

Total Risk for All Age Bins (per million) 2.86

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00055			5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	6.1E-09	5.0E+00	1.4E-03	1.1E-04				
TOTAL					6.1E-09				1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00055			5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.7E-07	1.5E-07	5.0E+00	1.4E-03	1.1E-04				
TOTAL					1.5E-07				1.1E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00055			5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.4E-07	5.0E+00	1.4E-03	1.1E-04				
TOTAL					1.4E-07				1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00055			5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04				
TOTAL					2.1E-08				1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.02

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

Total Risk for All Age Bins (per million) 0.31

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

	Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
		(b)	(c)			URF (f)	CPF (g)	DOSE (h)	RISK (i)	REL (j)	RfD (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		(ug/m ³)	(mg/m ³)			(ug/m ³) ⁻¹	(mg/kg/day) ⁻¹	(mg/kg-day)		(ug/m ³)	(mg/kg/day)								
1	Diesel Particulates	2.98E-03	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.7E-07	1.8E-07	5.0E+00	1.4E-03	6.0E-04							
TOTAL									1.8E-07 0.18			6.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

RESP	Respiratory System	exposure frequency (days/year)	250
CNS/PNS	Central/Peripheral Nervous System	exposure duration (years)	25
CV/BL	Cardiovascular/Blood System	inhalation rate (L/kg-day)	230
IMMUN	Immune System	inhalation absorption factor	1
KIDN	Kidney	averaging time (years)	70
GI/LV	Gastrointestinal System/Liver		
REPRO	Reproductive System (e.g. teratogenic and developmental effects)		
EYES	Eye irritation and/or other effects		

Table 6
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
9-Year School Child Exposure Scenario

	Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**										
		(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)	
1	Diesel Particulates	4.00E-04	4.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	4.6E-08	5.0E+00	1.4E-03	8.0E-05								
TOTAL									4.6E-08 0.05		8.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

RESP	Respiratory System	exposure frequency (days/year)	180
CNS/PNS	Central/Peripheral Nervous System	exposure duration (years)	9
CV/BL	Cardiovascular/Blood System	inhalation rate (L/kg-day)	572
IMMUN	Immune System	inhalation absorption factor	1
KIDN	Kidney	averaging time (years)	70
GI/LV	Gastrointestinal System/Liver	age sensitivity factor (ages 4-13)	3
REPRO	Reproductive System (e.g. teratogenic and developmental effects)		
EYES	Eye irritation and/or other effects		

Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Construction Activity

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.02747	2.75E-05			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-05	2.7E-06	5.0E+00	1.4E-03	5.5E-03					
TOTAL				2.7E-06				5.5E-03		0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

2.71

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 260
exposure duration (years) 1.00
inhalation rate (L/kg-day) 1090
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.85
age sensitivity factor (0 to 2 years old) 10

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00073			7.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.0E-07	1.7E-07	5.0E+00	1.4E-03	1.5E-04				
TOTAL								1.7E-07			1.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.17

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 13.23
inhalation rate (L/kg-day) 572
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.72
age sensitivity factor (ages 2 to 16 years) 3

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00073	7.30E-07			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	2.8E-08	5.0E+00	1.4E-03	1.5E-04					
TOTAL				2.8E-08				1.5E-04		0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.03

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

Total Risk for All Age Bins (per million) 2.91