



**Patterson & Cajalco
(PPT220024)
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
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	Patterson & Cajalco
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

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

The results of the health risk assessment from Project-generated DPM emissions are provided in Table ES-1, ES-2, and ES-3 below for the Project.

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R1 which is located approximately 54 feet north of the Project site at an existing residence located at 23453 Cajalco Road. R1 is placed in the private outdoor living areas (backyard) 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 2.08 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. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. It should be noted that off-site improvements along Patterson Avenue may result in construction activities within a few feet of existing residences. However, because such activity is only expected to occur on an intermittent basis over a period of approximately 3 weeks, no additional health risk impacts would be expected to occur. 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 modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R1 which is located approximately 54 feet north of the Project site at an existing residence located at 23453 Cajalco Road. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 1.12 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 significance threshold of 1.0. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from operation of the proposed Project. Because all other modeled

receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project 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 modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario¹:

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R3, which represents the potential worker receptor located approximately 229 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.05 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 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, located approximately 1,700 feet northeast of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.01 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. 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 exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 3.00 in one million, which is less than the 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. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from overall construction and operation of the proposed Project. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified

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.

herein. 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 modeled receptors are illustrated on Exhibit 2-D.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
0.66 Year Exposure	Maximum Exposed Sensitive Receptor	2.08	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive 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)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	1.12	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.05	10	NO
9 Year Exposure	Maximum Exposed Individual School Child	0.01	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	≤0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child	≤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)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	3.00	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

1 INTRODUCTION

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). A 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 PROJECT DESCRIPTION

The 5.06-acre is located at 19587 Patterson Avenue, approximately 0.1-mile south of the intersection of Patterson Avenue and Cajalco Road, as shown on Exhibit 1-A. The Project site encompasses Assessor's Parcel Numbers (APNs) 317-140-016 and 317-140-047. The Project site occurs within Section 12, Township 4 South, Range 4 West, San Bernardino Baseline and Meridian.

The General Plan and MVAP designate the Project site for “Light Industrial (LI)” land uses with a Community Center Overlay (COO). The Project site is zoned “Manufacturing – Service Commercial (M-SC),” which is intended to promote and attract industrial and manufacturing activities which will provide jobs to local residents and strengthen the County's economic base.

The Project consists of an application for a Plot Plan (PPT 220024) to allow for development of the 5.06-acre Project site with a 105,371 square-foot (s.f.) warehouse building². The proposed 105,371 s.f. building would consist of 97,371 s.f. of warehouse space, a 4,000 s.f. office on the ground floor, and a 4,000 s.f. mezzanine level office on the second floor. The site plan for the proposed Project is shown on Exhibit 1-B. The anticipated Project opening year is 2024.

Twenty-one truck docking doors are proposed along the western portion of the northern building façade. Access to the truck court would be controlled by gates and an 8-foot-tall tubular steel fence would secure the truck court at the eastern end of the truck court and in the drive aisle to the south of the building. A total of 82 parking spaces for passenger vehicles and vans would be accommodated on the site, with the proposed parking occurring in the northern portions of the site. Access to the Project site is proposed from two driveways connecting with Patterson Avenue. The northern driveway would serve passenger vehicles and trucks, while the southern driveway primarily would provide access for truck traffic. The Project design provides for 30-foot-wide fire access lanes along the northern, western, and southern sides of the building. The Project also includes the widening of and improvements to Patterson Avenue and the installation of utility improvements in Patterson Avenue and Harvill Avenue.

The Project site would be graded in a manner that largely approximates the site's existing, relatively flat topographic conditions. Grading would involve a total of 12,660 cubic yards (cy) of cut and 12,660 cy of fill, with no import or export of soil materials required.

² At the time the underlying modeling was conducted for this report, the site plan included a slightly larger total square footage, including a 106,931-sf warehouse building. The emissions calculations are based on the trip generation which is also based on the slightly larger building square footages. As such, the emissions analyzed in this report may be slightly overstated and represent a conservative estimate for analytical purposes.

EXHIBIT 1-A: LOCATION MAP

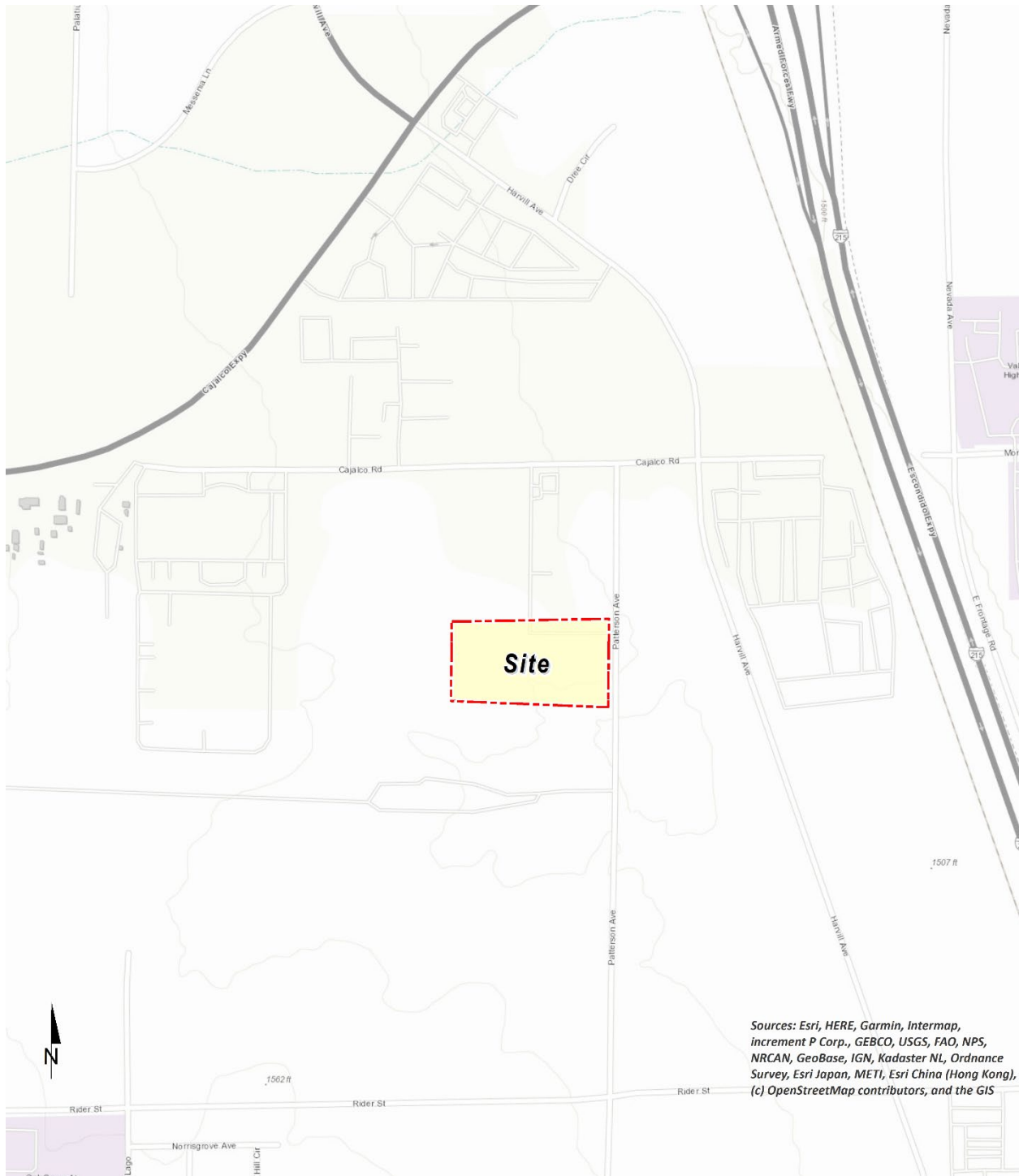
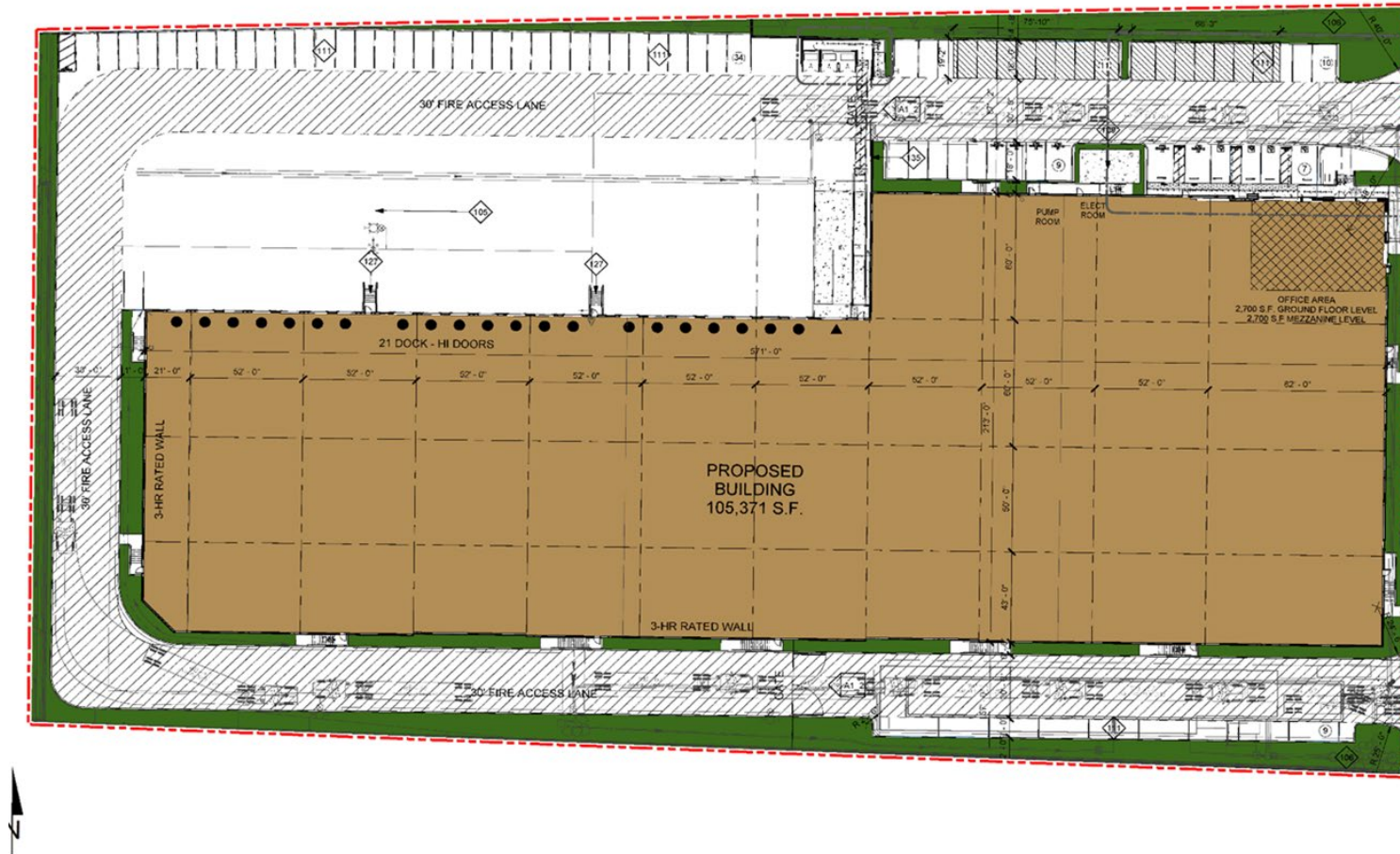


EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on applicable 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 *Patterson & Cajalco Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (3)

Construction related DPM emissions are expected to occur primarily as a function of the operation of heavy-duty construction equipment.

To support the Project development, there will be grading, trenching, and paving for off-site improvements associated with roadway construction and utility installation for the Project, including over an approximate 3-week duration in the off-site alignment of Patterson Avenue that will be the Project Applicant's obligation to construct or ensure the construction of from the Project site's northern boundary to Cajalco Road. This places the off-site roadway improvements within a few feet of two existing homes on Patterson Avenue north of the Project site occurring intermittently for 3 weeks. However, it is expected that the off-site construction activities along Patterson Avenue would not take place at one location throughout a single day or for the entire duration of the 3 weeks of construction. Construction emissions from this off-site work would, therefore, be relatively short term, not concentrated in one area, and would be reduced at any given location as construction work moves linearly along the existing public right-of-way and farther from sensitive uses. The Project also includes the installation of a storm drain line in

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.

Harvill Avenue between the Project site and Cajalco Road, adjacent to which there are no sensitive receptors. 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. Because off-site construction activity would be located near existing homes on Patterson Avenue on an intermittent basis for no more than 3 weeks, no health risk impacts beyond what has already been identified in this report are expected to occur.

As discussed in the technical study, the Project would result in approximately 175 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	Working Days
Site Preparation	10/2/2023	10/13/2023	10
Grading	10/16/2023	11/10/2023	20
Building Construction	11/13/2023	5/31/2024	145
Paving/Roadway Construction	5/6/2024	5/31/2024	20
Architectural Coating	5/6/2024	5/31/2024	20

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment ¹	Amount	Hours Per Day
Site Preparation	Rubber Tired Dozers	3	8
	Crawler Tractors	4	8
Grading	Excavators	1	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Crawler Tractors	3	8
Building Construction	Cranes	2	8
	Forklifts	5	8
	Generator Sets	2	8
	Tractors/Loaders/Backhoes	5	8
	Welders	2	8
Paving/Roadway Construction	Cement & Mortar Mixers	2	8
	Pavers	2	8

Construction Activity	Equipment ¹	Amount	Hours Per Day
	Paving Equipment	2	8
	Rollers	2	8
	Crawler Tractors	1	8
Architectural Coating	Air Compressors	1	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



- LEGEND:**
-  Project Site Construction Activity
 -  Off-Site 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 (4). 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.

It is expected that minimal idling would occur at nearby intersections during truck travel on study area roadways (e.g., at an intersection during a red light, or yielding to make a turn). Notwithstanding, the analysis conservatively utilizes a reduced off-site average speed of 25 miles per hour (below the posted speed limit) for travel on study area roadways, use of a lower average speed for off-site travel results in a higher emission factor and therefore any negligible idling that would occur during truck travel along the study area is accounted for.

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 (5):

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

Where:

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

EF_{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 (5):

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

Where:

Emissions_{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

Speed	Weighted Average
0 (idling)	0.09568 (g/idle-hr)
5	0.02479 (g/s)
25	0.01028 (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 to the Project's primary truck route and includes off-site sources in the study area for more than $\frac{3}{4}$ 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 (6) (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 (7), 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 *Patterson & Cajalco Traffic Analysis* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 186 actual vehicular trip-ends per day (93 vehicles inbound + 93 vehicles outbound) which includes 120 passenger vehicle trips (60 passenger vehicles inbound + 60 passenger vehicles outbound) and 66 two-way truck trips (33 trucks inbound per day + 33 trucks outbound) per day (8).

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

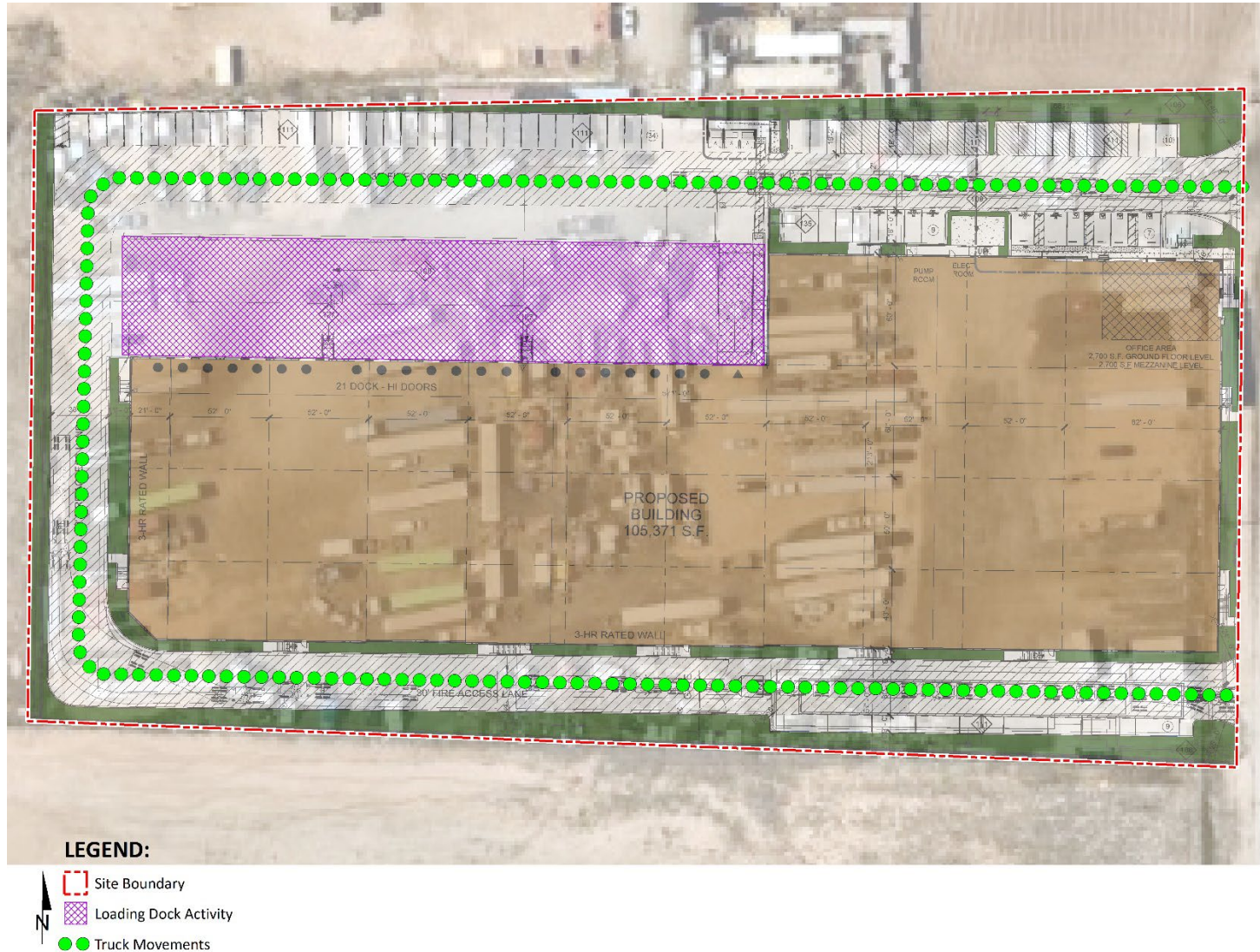


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



TABLE 2-4: 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	33			0.0957	0.79	9.136E-06
On-Site Travel	66	19.00	0.0248		0.47	5.452E-06
Off-Site Travel - Patterson 40% Inbound/Outbound	26	5.11	0.0103		0.05	6.076E-07
Off-Site Travel - Patterson 20% Inbound/Outbound	13	0.71	0.0103		0.01	8.390E-08
Off-Site Travel - Patterson 60% Inbound/Outbound	40	21.00	0.0103		0.22	2.498E-06
Off-Site Travel - Harvill 40% Inbound/Outbound	26	19.50	0.0103		0.20	2.319E-06
Off-Site Travel - Harvill 60% Inbound/Outbound	30	26.93	0.0103		0.28	3.202E-06

^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.

2.4 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). The Environmental Protection Agency's (U.S. EPA's) AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 11.2.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 22112 (9).

It should be noted that although CARB recommends use of the Hotspots Analysis and Reporting Program Version 2 (HARP2) to calculate exposure risks, because this analysis utilizes identical calculation methodologies, model parameters, exposure assumptions, chemical RELs and cancer potency factors consistent with SCAQMD, CARB, and OEHHA guidance, it is expected that the results of this analysis would be identical to those obtained from the HARP2 model. The AERMOD 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.

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 vicinity. The AERMOD dispersion model summary output files for the 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. It should be noted that discrete receptors were placed in all directions surrounding the Project site and truck routes in order to identify those locations that would experience the highest concentrations of DPM.

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.

All receptors were set to existing elevation height so that only ground-level concentrations are analyzed. 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 (12).

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 2-9 summarize the Exposure Parameters for Residents, Workers, and School Children 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	0.66	1.00	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

TABLE 2-9: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (9 YEAR SCHOOL CHILD)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year) ^a	Exposure Time (hours/day)
4 to 13	631	3	9	180	12

^a To represent the unique characteristics of the school-based population, the assessment employed the U.S. Environmental Protection Agency's guidance to develop viable dose estimates based on reasonable maximum exposures (RME). RME's are defined as the "highest exposure that is reasonably expected to occur" for a given receptor population. As a result, lifetime risk values for the student population were adjusted to account for an exposure duration of 180 days per year for nine (9) years. The 9 year exposure duration is also consistent with OEHHA Recommendations and consistent with the exposure duration utilized in school-based risk assessments for various schools within the Los Angeles County Unified School District (LAUSD) that have been accepted by the SCAQMD.

2.5 CARCINOGENIC CHEMICAL RISK

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)
RISK _{air} = DOSE _{air} x CPF x ED/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

2.6 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 (13).

The non-cancer hazard index was calculated as follows:

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

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

Where:

HI _{DPM}	=	Hazard Index; an expression of the potential for non-cancer health effects.
C _{DPM}	=	Annual average DPM concentration (µg/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.

2.7 POTENTIAL PROJECT DPM-SOURCE CANCER AND NON-CANCER RISKS

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R1 which is located approximately 54 feet north of the Project site at an existing residence located at 23453 Cajalco Road. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 2.08 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. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. It should be noted that off-site improvements along Patterson Avenue may result in construction activities within a few feet of existing residences. However, because such activity is only expected to occur on an intermittent basis over a period of approximately 3 weeks, no additional health risk impacts would be expected to occur. 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 modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R1 which is located approximately 54 feet north of the Project site at an existing residence located at 23453 Cajalco Road. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 1.12 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 significance threshold of 1.0. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from operation of the proposed Project. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project 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 modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario⁴:

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R3, which represents the potential worker receptor located approximately 229 feet south of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.05 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 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, located approximately 1,700 feet northeast of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.01 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. 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 exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 3.00 in one million, which is less than the 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. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from overall construction and operation of the proposed Project. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project 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 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 modeled receptors are illustrated on Exhibit 2-D.

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.

It should be noted that the receptors presented in Exhibit 2-D do not represent all modeled receptors.

EXHIBIT 2-D: RECEPTOR LOCATIONS



- LEGEND:**
- Project Site Construction Activity
 - Off-Site Construction Activity
 - 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 Patterson & Cajalco 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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Master of Science in Environmental Studies
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University of California, Irvine • June 2006

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:

CALEEMOD OUTPUTS

14614-Patterson & Cajalco (Tier 4 Equipment) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14614-Patterson & Cajalco (Tier 4 Equipment)
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	9.00
Location	33.83452, -117.254174
County	Riverside-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5579
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
Unrefrigerated Warehouse-No Rail	107	1000sqft	2.45	106,931	27,446	—	—	—
Parking Lot	82.0	Space	0.30	0.00	0.00	—	—	—

Other Asphalt Surfaces	2.30	Acre	2.30	0.00	0.00	—	—	—
User Defined Industrial	107	User Defined Unit	0.00	0.00	0.00	—	—	—

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.	1.61	28.3	28.9	49.3	0.08	0.55	1.30	1.85	0.52	0.32	0.84	—	9,155	9,155	0.35	0.26	7.42	9,248
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.99	0.96	18.1	31.5	0.05	0.29	5.90	6.00	0.28	2.74	2.85	—	5,895	5,895	0.24	0.13	0.11	5,940
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.32	1.78	5.97	10.3	0.02	0.10	0.36	0.40	0.10	0.15	0.18	—	1,926	1,926	0.08	0.05	0.58	1,942
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.06	0.32	1.09	1.87	< 0.005	0.02	0.07	0.07	0.02	0.03	0.03	—	319	319	0.01	0.01	0.10	321

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
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.61	28.3	28.9	49.3	0.08	0.55	1.30	1.85	0.52	0.32	0.84	—	9,155	9,155	0.35	0.26	7.42	9,248
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.99	0.96	18.1	31.5	0.05	0.29	5.90	6.00	0.28	2.74	2.85	—	5,895	5,895	0.24	0.13	0.11	5,940
2024	0.98	0.95	18.0	31.2	0.05	0.29	0.72	1.01	0.28	0.17	0.45	—	5,878	5,878	0.23	0.13	0.10	5,923
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.15	0.14	2.78	4.99	0.01	0.04	0.36	0.40	0.04	0.15	0.18	—	911	911	0.04	0.02	0.21	917
2024	0.32	1.78	5.97	10.3	0.02	0.10	0.24	0.34	0.10	0.06	0.15	—	1,926	1,926	0.08	0.05	0.58	1,942
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.03	0.03	0.51	0.91	< 0.005	0.01	0.07	0.07	0.01	0.03	0.03	—	151	151	0.01	< 0.005	0.04	152
2024	0.06	0.32	1.09	1.87	< 0.005	0.02	0.04	0.06	0.02	0.01	0.03	—	319	319	0.01	0.01	0.10	321

2.4. Operations 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.	1.61	3.84	6.32	11.7	0.06	0.11	1.24	1.35	0.10	0.27	0.37	102	7,310	7,412	10.5	1.00	130	8,100
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.75	3.04	6.57	6.11	0.06	0.10	1.24	1.34	0.09	0.27	0.36	102	7,211	7,313	10.5	1.00	110	7,981

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.11	3.40	4.89	7.78	0.05	0.08	0.91	0.99	0.07	0.19	0.27	102	5,447	5,548	10.4	0.76	116	6,152
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.62	0.89	1.42	0.01	0.01	0.17	0.18	0.01	0.04	0.05	16.8	902	919	1.73	0.13	19.1	1,019

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.78	0.63	6.28	7.02	0.06	0.10	1.24	1.34	0.09	0.27	0.36	—	6,728	6,728	0.13	0.87	21.0	7,012
Area	0.83	3.20	0.04	4.65	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.1	19.1	< 0.005	< 0.005	—	19.7
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	400	400	0.04	< 0.005	—	403
Water	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Waste	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109
Total	1.61	3.84	6.32	11.7	0.06	0.11	1.24	1.35	0.10	0.27	0.37	102	7,310	7,412	10.5	1.00	130	8,100
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.75	0.60	6.57	6.11	0.06	0.10	1.24	1.34	0.09	0.27	0.36	—	6,648	6,648	0.13	0.88	0.55	6,913
Area	—	2.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	400	400	0.04	< 0.005	—	403
Water	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Waste	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109

Total	0.75	3.04	6.57	6.11	0.06	0.10	1.24	1.34	0.09	0.27	0.36	102	7,211	7,313	10.5	1.00	110	7,981
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.55	0.44	4.86	4.59	0.05	0.07	0.91	0.98	0.07	0.19	0.26	—	4,871	4,871	0.10	0.64	6.65	5,071
Area	0.57	2.96	0.03	3.18	< 0.005	< 0.005	—	< 0.005	0.01	—	0.01	—	13.1	13.1	< 0.005	< 0.005	—	13.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	400	400	0.04	< 0.005	—	403
Water	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Waste	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109
Total	1.11	3.40	4.89	7.78	0.05	0.08	0.91	0.99	0.07	0.19	0.27	102	5,447	5,548	10.4	0.76	116	6,152
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.10	0.08	0.89	0.84	0.01	0.01	0.17	0.18	0.01	0.04	0.05	—	806	806	0.02	0.11	1.10	839
Area	0.10	0.54	< 0.005	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.17	2.17	< 0.005	< 0.005	—	2.23
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	66.3	66.3	0.01	< 0.005	—	66.7
Water	—	—	—	—	—	—	—	—	—	—	—	7.85	27.0	34.8	0.81	0.02	—	60.8
Waste	—	—	—	—	—	—	—	—	—	—	—	8.97	0.00	8.97	0.90	0.00	—	31.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18.0	18.0
Total	0.20	0.62	0.89	1.42	0.01	0.01	0.17	0.18	0.01	0.04	0.05	16.8	902	919	1.73	0.13	19.1	1,019

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	0.68	0.68	15.7	30.0	0.05	0.10	—	0.10	0.10	—	0.10	—	5,530	5,530	0.22	0.04	—	5,549
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	0.02	0.02	0.43	0.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	152	152	0.01	< 0.005	—	152
Dust From Material Movement:	—	—	—	—	—	—	0.16	0.16	—	0.07	0.07	—	—	—	—	—	—	—
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	0.08	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement:	—	—	—	—	—	—	0.03	0.03	—	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	0.10	0.09	0.11	1.20	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	236	236	0.01	0.01	0.03	239
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	< 0.005	32.8
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	0.01	0.01	0.00	< 0.005	< 0.005	—	6.55	6.55	< 0.005	< 0.005	0.01	6.65
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.86	0.86	< 0.005	< 0.005	< 0.005	0.90
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	< 0.005	< 0.005	—	1.09	1.09	< 0.005	< 0.005	< 0.005	1.10
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.15
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	0.45	0.45	11.0	19.0	0.03	0.12	—	0.12	0.12	—	0.12	—	3,134	3,134	0.13	0.03	—	3,144

Dust From Material Movement:	—	—	—	—	—	—	2.26	2.26	—	0.94	0.94	—	—	—	—	—	—	—
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	0.02	0.02	0.60	1.04	< 0.005	0.01	—	0.01	0.01	—	0.01	—	172	172	0.01	< 0.005	—	172
Dust From Material Movement:	—	—	—	—	—	—	0.12	0.12	—	0.05	0.05	—	—	—	—	—	—	—
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	0.11	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Dust From Material Movement:	—	—	—	—	—	—	0.02	0.02	—	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	0.08	0.08	0.09	1.03	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	202	202	0.01	0.01	0.02	205
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	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	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.44	3.44	< 0.005	< 0.005	< 0.005	3.60
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	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.57	0.57	< 0.005	< 0.005	< 0.005	0.60
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

3.5. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.72	17.2	28.2	0.05	0.28	—	0.28	0.27	—	0.27	—	4,817	4,817	0.20	0.04	—	4,834
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	0.07	0.07	1.65	2.71	< 0.005	0.03	—	0.03	0.03	—	0.03	—	462	462	0.02	< 0.005	—	464
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	0.01	0.01	0.30	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.5	76.5	< 0.005	< 0.005	—	76.7
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	0.25	0.23	0.28	3.09	0.00	0.00	0.59	0.59	0.00	0.14	0.14	—	606	606	0.03	0.02	0.07	614
Vendor	0.02	0.01	0.58	0.18	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	471	471	0.01	0.07	0.03	493
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	0.02	0.02	0.03	0.31	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58.9	58.9	< 0.005	< 0.005	0.12	59.7
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.2	45.2	< 0.005	0.01	0.05	47.3
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.75	9.75	< 0.005	< 0.005	0.02	9.88
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.48	7.48	< 0.005	< 0.005	0.01	7.83
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. Building Construction (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.72	17.2	28.2	0.05	0.28	—	0.28	0.27	—	0.27	—	4,818	4,818	0.20	0.04	—	4,834
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.72	17.2	28.2	0.05	0.28	—	0.28	0.27	—	0.27	—	4,818	4,818	0.20	0.04	—	4,834
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	0.21	0.21	5.12	8.40	0.01	0.08	—	0.08	0.08	—	0.08	—	1,433	1,433	0.06	0.01	—	1,438
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	0.94	1.53	< 0.005	0.02	—	0.02	0.01	—	0.01	—	237	237	0.01	< 0.005	—	238
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	0.23	0.22	3.75	0.00	0.00	0.59	0.59	0.00	0.14	0.14	—	646	646	0.03	0.02	2.56	656
Vendor	0.02	0.01	0.53	0.16	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	466	466	0.01	0.07	1.31	488
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	0.24	0.22	0.26	2.83	0.00	0.00	0.59	0.59	0.00	0.14	0.14	—	594	594	0.03	0.02	0.07	601
Vendor	0.02	0.01	0.55	0.17	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	466	466	0.01	0.07	0.03	487
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	0.07	0.06	0.08	0.89	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	179	179	0.01	0.01	0.33	181
Vendor	0.01	< 0.005	0.16	0.05	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	< 0.005	0.02	0.17	145
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	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.6	29.6	< 0.005	< 0.005	0.05	30.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.03	24.0
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. Paving (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.35	8.66	13.0	0.02	0.17	—	0.17	0.16	—	0.16	—	1,973	1,973	0.08	0.02	—	1,980
Paving	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	0.47	0.71	< 0.005	0.01	—	0.01	0.01	—	0.01	—	108	108	< 0.005	< 0.005	—	108
Paving	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.9	17.9	< 0.005	< 0.005	—	18.0
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.13	0.12	0.11	1.88	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	324	324	0.01	0.01	1.28	329
Vendor	0.03	0.02	0.70	0.22	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	621	621	0.01	0.09	1.75	651
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	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.0	34.0	< 0.005	0.01	0.04	35.6
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	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.63	5.63	< 0.005	< 0.005	0.01	5.90
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.45	1.28	< 0.005	0.09	—	0.09	0.08	—	0.08	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	26.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	< 0.005	< 0.005	0.08	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.76	9.76	< 0.005	< 0.005	—	9.79
Architect ural Coatings	—	1.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.62	1.62	< 0.005	< 0.005	—	1.62
Architectural Coatings	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.05	0.05	0.04	0.75	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	129	129	0.01	< 0.005	0.51	131
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.59	6.59	< 0.005	< 0.005	0.01	6.69
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	< 0.005	< 0.005	—	1.09	1.09	< 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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.53	0.49	0.28	5.32	0.01	< 0.005	0.38	0.38	< 0.005	0.06	0.07	—	1,069	1,069	0.04	0.03	4.20	1,082
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	0.25	0.14	6.00	1.70	0.05	0.09	0.87	0.96	0.09	0.20	0.29	—	5,659	5,659	0.09	0.84	16.8	5,930
Total	0.78	0.63	6.28	7.02	0.06	0.10	1.24	1.34	0.09	0.27	0.36	—	6,728	6,728	0.13	0.87	21.0	7,012
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.51	0.46	0.31	4.40	0.01	< 0.005	0.38	0.38	< 0.005	0.06	0.07	—	987	987	0.04	0.03	0.11	997
Parking Lot	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
Other Asphalt Surfaces	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

User Defined Industrial	0.24	0.14	6.27	1.71	0.05	0.09	0.87	0.96	0.09	0.20	0.29	—	5,661	5,661	0.09	0.85	0.44	5,915
Total	0.75	0.60	6.57	6.11	0.06	0.10	1.24	1.34	0.09	0.27	0.36	—	6,648	6,648	0.13	0.88	0.55	6,913
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	0.06	0.04	0.61	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	121	121	0.01	< 0.005	0.22	122
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	0.03	0.02	0.85	0.23	0.01	0.01	0.12	0.13	0.01	0.03	0.04	—	685	685	0.01	0.10	0.88	717
Total	0.10	0.08	0.89	0.84	0.01	0.01	0.17	0.18	0.01	0.04	0.05	—	806	806	0.02	0.11	1.10	839

4.2. Energy

4.2.1. Electricity Emissions By Land Use - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	400	400	0.04	< 0.005	—	403

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	400	400	0.04	< 0.005	—	403
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	400	400	0.04	< 0.005	—	403
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	400	400	0.04	< 0.005	—	403
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	66.3	66.3	0.01	< 0.005	—	66.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	66.3	66.3	0.01	< 0.005	—	66.7

4.2.3. Natural Gas Emissions By Land Use - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	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
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	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
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	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
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	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

4.3. Area Emissions by Source

4.3.2. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.83	0.76	0.04	4.65	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.1	19.1	< 0.005	< 0.005	—	19.7
Total	0.83	3.20	0.04	4.65	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.1	19.1	< 0.005	< 0.005	—	19.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	2.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.10	0.10	< 0.005	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.17	2.17	< 0.005	< 0.005	—	2.23
Total	0.10	0.54	< 0.005	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.17	2.17	< 0.005	< 0.005	—	2.23

4.4. Water Emissions by Land Use

4.4.2. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	47.4	163	210	4.87	0.12	—	367
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.85	27.0	34.8	0.81	0.02	—	60.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	7.85	27.0	34.8	0.81	0.02	—	60.8

4.5. Waste Emissions by Land Use

4.5.2. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse Rail	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	54.2	0.00	54.2	5.41	0.00	—	190
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	8.97	0.00	8.97	0.90	0.00	—	31.4

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.97	0.00	8.97	0.90	0.00	—	31.4

4.6. Refrigerant Emissions by Land Use

4.6.1. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	109	109

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18.0	18.0
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18.0	18.0

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	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. 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	10/2/2023	10/13/2023	5.00	10.0	10
Grading	Grading	10/16/2023	11/10/2023	5.00	20.0	20
Building Construction	Building Construction	11/13/2023	5/31/2024	5.00	145	230
Paving	Paving	5/6/2024	5/31/2024	5.00	20.0	20
Architectural Coating	Architectural Coating	5/6/2024	5/31/2024	5.00	20.0	20

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	Tier 4 Interim	3.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	4.00	8.00	87.0	0.43
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 3	1.00	8.00	36.0	0.38
Grading	Crawler Tractors	Diesel	Tier 4 Interim	3.00	8.00	87.0	0.43
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40

Building Construction	Forklifts	Diesel	Tier 4 Interim	5.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	8.00	367	0.29
Building Construction	Welders	Diesel	Tier 3	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Interim	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Tier 3	1.00	8.00	37.0	0.48
Paving	Crawler Tractors	Diesel	Tier 4 Interim	1.00	8.00	87.0	0.43
Paving	Cement and Mortar Mixers	Diesel	Tier 3	2.00	8.00	10.0	0.56

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	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	1.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	2.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT

Building Construction	—	—	—	—
Building Construction	Worker	44.9	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	15.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	22.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	20.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.98	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	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	160,397	53,466	6,795

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	35.0	0.00	—
Grading	—	—	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	2.60

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
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	0.30	100%
Other Asphalt Surfaces	2.30	100%
User Defined Industrial	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	349	0.03	< 0.005
2024	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	120	10.4	4.17	32,043	1,413	122	49.1	377,355
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	66.0	5.67	2.25	17,614	1,978	170	67.3	528,056

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

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)
0	0.00	160,397	53,466	6,795

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	419,073	349	0.0330	0.0040	0.00
Parking Lot	0.00	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00
User Defined Industrial	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	24,727,794	435,176
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	101	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Unrefrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
—	—

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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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	29.1	annual days of extreme heat
Extreme Precipitation	2.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	6.94	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	1	1	4
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	95.3
AQ-PM	55.1
AQ-DPM	13.9
Drinking Water	10.2
Lead Risk Housing	54.6
Pesticides	52.5
Toxic Releases	43.8
Traffic	90.2
Effect Indicators	—
CleanUp Sites	60.4
Groundwater	14.3

Haz Waste Facilities/Generators	70.9
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	66.5
Cardio-vascular	91.0
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	93.2
Housing	80.1
Linguistic	84.3
Poverty	84.1
Unemployment	93.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	8.712947517
Employed	6.274862056
Median HI	6.826639292
Education	—
Bachelor's or higher	1.860644168
High school enrollment	100
Preschool enrollment	13.02450917
Transportation	—
Auto Access	65.16104196

Active commuting	54.20248941
Social	—
2-parent households	54.04850507
Voting	3.259335301
Neighborhood	—
Alcohol availability	90.15783395
Park access	8.558963172
Retail density	9.829334018
Supermarket access	10.3554472
Tree canopy	2.104452714
Housing	—
Homeownership	46.43911202
Housing habitability	15.55241884
Low-inc homeowner severe housing cost burden	28.37161555
Low-inc renter severe housing cost burden	2.322597203
Uncrowded housing	11.35634544
Health Outcomes	—
Insured adults	4.79917875
Arthritis	24.0
Asthma ER Admissions	34.2
High Blood Pressure	19.3
Cancer (excluding skin)	68.9
Asthma	7.7
Coronary Heart Disease	13.8
Chronic Obstructive Pulmonary Disease	7.1
Diagnosed Diabetes	14.5
Life Expectancy at Birth	12.9

Cognitively Disabled	46.5
Physically Disabled	37.2
Heart Attack ER Admissions	6.2
Mental Health Not Good	6.0
Chronic Kidney Disease	7.4
Obesity	3.9
Pedestrian Injuries	94.4
Physical Health Not Good	6.0
Stroke	13.0
Health Risk Behaviors	—
Binge Drinking	72.5
Current Smoker	4.8
No Leisure Time for Physical Activity	4.7
Climate Change Exposures	—
Wildfire Risk	32.2
SLR Inundation Area	0.0
Children	22.0
Elderly	91.2
English Speaking	24.7
Foreign-born	59.6
Outdoor Workers	4.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	93.6
Traffic Density	67.0
Traffic Access	23.0
Other Indices	—
Hardship	96.9

Other Decision Support	—
2016 Voting	13.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	81.0
Healthy Places Index Score for Project Location (b)	5.00
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Building Construction adjusted to account for Client provided OY of 2024 and expedited schedule
Land Use	Taken from site plan

Construction: Off-Road Equipment	T/L/B replaced with Crawler Tractor to accurately calculate disturbance for Site Preparation and Grading phases Standard 8-hour work days Paving activity includes additional equipment from road realignment. Building construction equipment increased to account for compressed schedule
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 Vendor trips for Paving include asphalt trucks.
Construction: Architectural Coatings	SCAQMD Rule 1113
Operations: Vehicle Data	Trip Characteristics based on information provided in the Traffic Analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, MCY). Truck Fleet Mix based on 2, 3 and 4 axle trucks
Operations: Architectural Coatings	SCAQMD Rule 1113
Operations: Refrigerants	As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater. Further, R-404A (the CalEEMod default) is unacceptable for new supermarket and cold storage systems as of 1 January 2019 and 2023, respectively.
Operations: Energy Use	Natural gas will not be used and electrical usage for the Project is based on data provided by the Applicant

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Site Preparation	0.10	10	1	0.1	0.0125
Exhaust PM-10	Grading	0.12	20	2.4	0.12	0.015
	Building Construction	0.28	145	40.6	0.28	0.035
	Paving	0.16	20	3.2	0.16	0.02
	Architectural Coatings	0.09	20	1.8	0.09	0.01125
		0.75	175	49	0.28	0.035
Off-Site	Site Preparation	5.00E-03	10	0.05	0.005	0.000625
Exhaust PM-10	Grading	5.00E-03	20	0.1	0.005	0.000625
	Building Construction	1.00E-02	145	1.45	0.01	0.00125
	Paving	0.00E+00	20	0	0	0
	Architectural Coatings	0.00E+00	20	0	0	0
		2.00E-02	175	1.6	0.009142857	0.001142857

Phase	Start Date	End Date	No. Days
Site Preparation	10/2/2023	10/13/2023	10
Grading	10/16/2023	11/10/2023	20
Building Construction	11/13/2023	5/31/2024	145
Paving	5/6/2024	5/31/2024	20
Arch Coatings	5/6/2024	5/31/2024	20
Total Days of Construction			175

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APPENDIX 2.2:

EMFAC EMISSIONS SUMMARY

**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	0.09568
5	0.02479
25	0.01028

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	33			0.0957	0.79	9.136E-06
On-Site Travel	66	19.00	0.0248		0.47	5.452E-06
Off-Site Travel - Patterson 40% Inbound/Outbound	26	5.11	0.0103		0.05	6.076E-07
Off-Site Travel - Patterson 20% Inbound/Outbound	13	0.71	0.0103		0.01	8.390E-08
Off-Site Travel - Patterson 60% Inbound/Outbound	40	21.00	0.0103		0.22	2.498E-06
Off-Site Travel - Harvill 40% Inbound/Outbound	26	19.50	0.0103		0.20	2.319E-06
Off-Site Travel - Harvill 60% Inbound/Outbound	30	26.93	0.0103		0.28	3.202E-06

^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.

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 Year	Speed	Fuel	Population
Riverside	2024	HHDT	Aggregate	Aggregate	Gasoline	7.58948
Riverside	2024	HHDT	Aggregate	Aggregate	Diesel	14792
Riverside	2024	HHDT	Aggregate	Aggregate	Natural Gas	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 Gas	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

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APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/16/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14614 Patterson Cajalco\14614
Cons\14614 Cons.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14614 Patterson Cajalco\14614 0
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14614 Cons.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 = SLINE3
** DESCRSRC Patterson
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0001439976
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 476618.902, 3743957.467, 463.00, 3.49, 4.00
** 476620.471, 3744175.861, 461.07, 3.49, 4.00

```

** 476713.396, 3744178.605, 459.86, 3.49, 4.00

**

```
-----
LOCATION L0000749    VOLUME  476618.933 3743961.762 462.82
LOCATION L0000750    VOLUME  476618.995 3743970.352 462.54
LOCATION L0000751    VOLUME  476619.056 3743978.942 462.26
LOCATION L0000752    VOLUME  476619.118 3743987.532 462.02
LOCATION L0000753    VOLUME  476619.180 3743996.121 462.01
LOCATION L0000754    VOLUME  476619.242 3744004.711 462.01
LOCATION L0000755    VOLUME  476619.303 3744013.301 462.00
LOCATION L0000756    VOLUME  476619.365 3744021.891 462.00
LOCATION L0000757    VOLUME  476619.427 3744030.481 462.00
LOCATION L0000758    VOLUME  476619.488 3744039.070 462.00
LOCATION L0000759    VOLUME  476619.550 3744047.660 462.00
LOCATION L0000760    VOLUME  476619.612 3744056.250 462.00
LOCATION L0000761    VOLUME  476619.673 3744064.840 462.00
LOCATION L0000762    VOLUME  476619.735 3744073.429 462.00
LOCATION L0000763    VOLUME  476619.797 3744082.019 462.00
LOCATION L0000764    VOLUME  476619.858 3744090.609 462.00
LOCATION L0000765    VOLUME  476619.920 3744099.199 462.00
LOCATION L0000766    VOLUME  476619.982 3744107.789 461.94
LOCATION L0000767    VOLUME  476620.043 3744116.378 461.66
LOCATION L0000768    VOLUME  476620.105 3744124.968 461.37
LOCATION L0000769    VOLUME  476620.167 3744133.558 461.09
LOCATION L0000770    VOLUME  476620.229 3744142.148 461.00
LOCATION L0000771    VOLUME  476620.290 3744150.738 461.00
LOCATION L0000772    VOLUME  476620.352 3744159.327 461.00
LOCATION L0000773    VOLUME  476620.414 3744167.917 461.00
LOCATION L0000774    VOLUME  476621.116 3744175.880 461.00
LOCATION L0000775    VOLUME  476629.703 3744176.134 461.00
LOCATION L0000776    VOLUME  476638.289 3744176.387 461.00
LOCATION L0000777    VOLUME  476646.875 3744176.641 461.00
LOCATION L0000778    VOLUME  476655.461 3744176.894 460.81
LOCATION L0000779    VOLUME  476664.048 3744177.148 460.53
LOCATION L0000780    VOLUME  476672.634 3744177.402 460.24
LOCATION L0000781    VOLUME  476681.220 3744177.655 460.00
LOCATION L0000782    VOLUME  476689.806 3744177.909 460.00
LOCATION L0000783    VOLUME  476698.393 3744178.162 460.00
LOCATION L0000784    VOLUME  476706.979 3744178.416 460.00
```

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Patterson

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0001439976

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 476618.512, 3743956.906, 463.00, 3.49, 4.00
** 476619.126, 3743870.942, 461.96, 3.49, 4.00

** -----
LOCATION L0000889 VOLUME 476618.543 3743952.611 463.00
LOCATION L0000890 VOLUME 476618.604 3743944.021 463.00
LOCATION L0000891 VOLUME 476618.665 3743935.432 463.00
LOCATION L0000892 VOLUME 476618.727 3743926.842 463.00
LOCATION L0000893 VOLUME 476618.788 3743918.252 462.75
LOCATION L0000894 VOLUME 476618.849 3743909.662 462.47
LOCATION L0000895 VOLUME 476618.911 3743901.073 462.19
LOCATION L0000896 VOLUME 476618.972 3743892.483 462.03
LOCATION L0000897 VOLUME 476619.033 3743883.893 462.02
LOCATION L0000898 VOLUME 476619.095 3743875.303 462.01

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Harvill

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0001439976

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 15

** 476723.073, 3744178.444, 459.63, 3.49, 6.51
** 476720.902, 3744238.695, 459.16, 3.49, 6.51
** 476709.503, 3744294.603, 459.00, 3.49, 6.51
** 476686.163, 3744349.426, 459.07, 3.49, 6.51
** 476657.394, 3744386.336, 459.82, 3.49, 6.51
** 476612.885, 3744428.674, 459.95, 3.49, 6.51
** 476356.141, 3744607.798, 463.00, 3.49, 6.51
** 476382.738, 3744644.165, 462.03, 3.49, 6.51
** 476425.076, 3744692.474, 461.66, 3.49, 6.51
** 476459.273, 3744723.414, 461.05, 3.49, 6.51
** 476496.726, 3744749.468, 460.14, 3.49, 6.51
** 476543.407, 3744775.523, 459.63, 3.49, 6.51
** 476591.716, 3744793.978, 458.01, 3.49, 6.51
** 476689.962, 3744830.888, 457.00, 3.49, 6.51
** 476858.230, 3744893.310, 456.00, 3.49, 6.51

** -----

LOCATION L0000899 VOLUME 476722.821 3744185.439 459.57
LOCATION L0000900 VOLUME 476722.317 3744199.430 459.52
LOCATION L0000901 VOLUME 476721.813 3744213.421 459.26
LOCATION L0000902 VOLUME 476721.308 3744227.412 458.98
LOCATION L0000903 VOLUME 476720.360 3744241.350 458.82
LOCATION L0000904 VOLUME 476717.564 3744255.068 458.75
LOCATION L0000905 VOLUME 476714.767 3744268.786 458.84
LOCATION L0000906 VOLUME 476711.970 3744282.503 458.93
LOCATION L0000907 VOLUME 476708.856 3744296.123 459.03

LOCATION	L0000908	VOLUME	476703.372	3744309.004	459.22
LOCATION	L0000909	VOLUME	476697.888	3744321.885	459.32
LOCATION	L0000910	VOLUME	476692.404	3744334.766	459.22
LOCATION	L0000911	VOLUME	476686.920	3744347.647	458.99
LOCATION	L0000912	VOLUME	476678.744	3744358.943	459.04
LOCATION	L0000913	VOLUME	476670.138	3744369.986	459.32
LOCATION	L0000914	VOLUME	476661.532	3744381.028	459.51
LOCATION	L0000915	VOLUME	476652.127	3744391.346	459.46
LOCATION	L0000916	VOLUME	476641.983	3744400.995	459.39
LOCATION	L0000917	VOLUME	476631.839	3744410.644	459.60
LOCATION	L0000918	VOLUME	476621.695	3744420.293	459.94
LOCATION	L0000919	VOLUME	476611.376	3744429.727	460.00
LOCATION	L0000920	VOLUME	476599.894	3744437.738	460.00
LOCATION	L0000921	VOLUME	476588.412	3744445.748	460.05
LOCATION	L0000922	VOLUME	476576.930	3744453.759	460.43
LOCATION	L0000923	VOLUME	476565.449	3744461.769	460.81
LOCATION	L0000924	VOLUME	476553.967	3744469.780	461.00
LOCATION	L0000925	VOLUME	476542.485	3744477.790	461.00
LOCATION	L0000926	VOLUME	476531.003	3744485.801	461.00
LOCATION	L0000927	VOLUME	476519.522	3744493.811	461.34
LOCATION	L0000928	VOLUME	476508.040	3744501.822	461.59
LOCATION	L0000929	VOLUME	476496.558	3744509.832	461.60
LOCATION	L0000930	VOLUME	476485.076	3744517.843	461.63
LOCATION	L0000931	VOLUME	476473.594	3744525.854	461.88
LOCATION	L0000932	VOLUME	476462.113	3744533.864	462.00
LOCATION	L0000933	VOLUME	476450.631	3744541.875	462.00
LOCATION	L0000934	VOLUME	476439.149	3744549.885	462.00
LOCATION	L0000935	VOLUME	476427.667	3744557.896	462.00
LOCATION	L0000936	VOLUME	476416.186	3744565.906	462.00
LOCATION	L0000937	VOLUME	476404.704	3744573.917	462.17
LOCATION	L0000938	VOLUME	476393.222	3744581.927	462.55
LOCATION	L0000939	VOLUME	476381.740	3744589.938	462.94
LOCATION	L0000940	VOLUME	476370.258	3744597.948	463.00
LOCATION	L0000941	VOLUME	476358.777	3744605.959	463.00
LOCATION	L0000942	VOLUME	476362.508	3744616.504	463.00
LOCATION	L0000943	VOLUME	476370.773	3744627.805	462.73
LOCATION	L0000944	VOLUME	476379.037	3744639.105	462.26
LOCATION	L0000945	VOLUME	476387.833	3744649.979	462.00
LOCATION	L0000946	VOLUME	476397.061	3744660.508	462.00
LOCATION	L0000947	VOLUME	476406.288	3744671.037	462.00
LOCATION	L0000948	VOLUME	476415.516	3744681.565	461.81
LOCATION	L0000949	VOLUME	476424.743	3744692.094	461.50
LOCATION	L0000950	VOLUME	476435.083	3744701.528	461.16
LOCATION	L0000951	VOLUME	476445.464	3744710.921	460.84
LOCATION	L0000952	VOLUME	476455.846	3744720.314	460.72
LOCATION	L0000953	VOLUME	476466.972	3744728.770	460.78
LOCATION	L0000954	VOLUME	476478.465	3744736.765	460.70
LOCATION	L0000955	VOLUME	476489.957	3744744.760	460.24
LOCATION	L0000956	VOLUME	476501.751	3744752.273	460.00
LOCATION	L0000957	VOLUME	476513.976	3744759.096	460.00

LOCATION	L0000958	VOLUME	476526.200	3744765.919	460.00
LOCATION	L0000959	VOLUME	476538.425	3744772.742	459.71
LOCATION	L0000960	VOLUME	476551.156	3744778.483	459.29
LOCATION	L0000961	VOLUME	476564.234	3744783.479	458.85
LOCATION	L0000962	VOLUME	476577.312	3744788.475	458.42
LOCATION	L0000963	VOLUME	476590.390	3744793.471	458.00
LOCATION	L0000964	VOLUME	476603.493	3744798.402	458.00
LOCATION	L0000965	VOLUME	476616.598	3744803.326	458.00
LOCATION	L0000966	VOLUME	476629.704	3744808.250	457.87
LOCATION	L0000967	VOLUME	476642.810	3744813.173	457.57
LOCATION	L0000968	VOLUME	476655.915	3744818.097	457.22
LOCATION	L0000969	VOLUME	476669.021	3744823.021	457.04
LOCATION	L0000970	VOLUME	476682.127	3744827.944	457.00
LOCATION	L0000971	VOLUME	476695.240	3744832.846	457.00
LOCATION	L0000972	VOLUME	476708.366	3744837.716	457.00
LOCATION	L0000973	VOLUME	476721.492	3744842.585	457.00
LOCATION	L0000974	VOLUME	476734.618	3744847.454	457.00
LOCATION	L0000975	VOLUME	476747.744	3744852.323	457.00
LOCATION	L0000976	VOLUME	476760.870	3744857.193	457.00
LOCATION	L0000977	VOLUME	476773.996	3744862.062	457.00
LOCATION	L0000978	VOLUME	476787.122	3744866.931	457.00
LOCATION	L0000979	VOLUME	476800.248	3744871.801	456.00
LOCATION	L0000980	VOLUME	476813.374	3744876.670	456.00
LOCATION	L0000981	VOLUME	476826.500	3744881.539	456.00
LOCATION	L0000982	VOLUME	476839.626	3744886.408	456.00
LOCATION	L0000983	VOLUME	476852.752	3744891.278	456.00
**	End of LINE	VOLUME	Source ID =	SLINE6	
LOCATION	VOL1	VOLUME	476460.354	3743917.182	463.000
LOCATION	VOL2	VOLUME	476553.548	3743917.138	463.000
**	Source Parameters	**			
**	LINE	VOLUME	Source ID =	SLINE3	
SRCPARAM	L0000749	0.000004	3.49	4.00	3.25
SRCPARAM	L0000750	0.000004	3.49	4.00	3.25
SRCPARAM	L0000751	0.000004	3.49	4.00	3.25
SRCPARAM	L0000752	0.000004	3.49	4.00	3.25
SRCPARAM	L0000753	0.000004	3.49	4.00	3.25
SRCPARAM	L0000754	0.000004	3.49	4.00	3.25
SRCPARAM	L0000755	0.000004	3.49	4.00	3.25
SRCPARAM	L0000756	0.000004	3.49	4.00	3.25
SRCPARAM	L0000757	0.000004	3.49	4.00	3.25
SRCPARAM	L0000758	0.000004	3.49	4.00	3.25
SRCPARAM	L0000759	0.000004	3.49	4.00	3.25
SRCPARAM	L0000760	0.000004	3.49	4.00	3.25
SRCPARAM	L0000761	0.000004	3.49	4.00	3.25
SRCPARAM	L0000762	0.000004	3.49	4.00	3.25
SRCPARAM	L0000763	0.000004	3.49	4.00	3.25
SRCPARAM	L0000764	0.000004	3.49	4.00	3.25
SRCPARAM	L0000765	0.000004	3.49	4.00	3.25
SRCPARAM	L0000766	0.000004	3.49	4.00	3.25
SRCPARAM	L0000767	0.000004	3.49	4.00	3.25

SRCPARAM L0000768	0.000004	3.49	4.00	3.25
SRCPARAM L0000769	0.000004	3.49	4.00	3.25
SRCPARAM L0000770	0.000004	3.49	4.00	3.25
SRCPARAM L0000771	0.000004	3.49	4.00	3.25
SRCPARAM L0000772	0.000004	3.49	4.00	3.25
SRCPARAM L0000773	0.000004	3.49	4.00	3.25
SRCPARAM L0000774	0.000004	3.49	4.00	3.25
SRCPARAM L0000775	0.000004	3.49	4.00	3.25
SRCPARAM L0000776	0.000004	3.49	4.00	3.25
SRCPARAM L0000777	0.000004	3.49	4.00	3.25
SRCPARAM L0000778	0.000004	3.49	4.00	3.25
SRCPARAM L0000779	0.000004	3.49	4.00	3.25
SRCPARAM L0000780	0.000004	3.49	4.00	3.25
SRCPARAM L0000781	0.000004	3.49	4.00	3.25
SRCPARAM L0000782	0.000004	3.49	4.00	3.25
SRCPARAM L0000783	0.000004	3.49	4.00	3.25
SRCPARAM L0000784	0.000004	3.49	4.00	3.25

**

** -----
 ** LINE VOLUME Source ID = SLINE4

SRCPARAM L0000889	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000890	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000891	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000892	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000893	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000894	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000895	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000896	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000897	0.0000143998	3.49	4.00	3.25
SRCPARAM L0000898	0.0000143998	3.49	4.00	3.25

**

** -----
 ** LINE VOLUME Source ID = SLINE6

SRCPARAM L0000899	0.000001694	3.49	6.51	3.25
SRCPARAM L0000900	0.000001694	3.49	6.51	3.25
SRCPARAM L0000901	0.000001694	3.49	6.51	3.25
SRCPARAM L0000902	0.000001694	3.49	6.51	3.25
SRCPARAM L0000903	0.000001694	3.49	6.51	3.25
SRCPARAM L0000904	0.000001694	3.49	6.51	3.25
SRCPARAM L0000905	0.000001694	3.49	6.51	3.25
SRCPARAM L0000906	0.000001694	3.49	6.51	3.25
SRCPARAM L0000907	0.000001694	3.49	6.51	3.25
SRCPARAM L0000908	0.000001694	3.49	6.51	3.25
SRCPARAM L0000909	0.000001694	3.49	6.51	3.25
SRCPARAM L0000910	0.000001694	3.49	6.51	3.25
SRCPARAM L0000911	0.000001694	3.49	6.51	3.25
SRCPARAM L0000912	0.000001694	3.49	6.51	3.25
SRCPARAM L0000913	0.000001694	3.49	6.51	3.25
SRCPARAM L0000914	0.000001694	3.49	6.51	3.25
SRCPARAM L0000915	0.000001694	3.49	6.51	3.25
SRCPARAM L0000916	0.000001694	3.49	6.51	3.25
SRCPARAM L0000917	0.000001694	3.49	6.51	3.25

SRCPARAM	L0000968	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000969	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000970	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000971	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000972	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000973	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000974	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000975	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000976	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000977	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000978	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000979	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000980	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000981	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000982	0.000001694	3.49	6.51	3.25
SRCPARAM	L0000983	0.000001694	3.49	6.51	3.25

**

SRCPARAM	VOL1	0.0022049629	5.000	24.853	1.400
SRCPARAM	VOL2	0.0022049629	5.000	24.853	1.400
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	L0000749	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000749	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000749	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000749	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000750	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000750	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000750	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000750	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000751	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000751	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000751	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000751	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000752	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000752	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000752	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000752	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000753	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000753	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000753	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000753	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000754	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000754	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000754	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000754	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000755	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000755	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0


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EMISFACT L0000983      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000983      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000983      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000983      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
SRCGROUP ALL

```

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "14614 Cons.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 "14614 CONS.AD\AN00GALL.PLT" 31

SUMMFILE "14614 Cons.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 2007 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50

ME W187 2007 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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 *** 11:47:45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 133 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 133 Source(s); 1 Source Group(s); and 34 Receptor(s)

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

and: 133 VOLUME source(s)

and: 0 AREA type source(s)

and: 0 LINE source(s)

and: 0 RLINE/RLINEXT source(s)

and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 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: 14614 Cons.err

**File for Summary of Results: 14614 Cons.sum

^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000749	0	0.40000E-05	476618.9	3743961.8	462.8	3.49	4.00
3.25	YES	HRDOW					
L0000750	0	0.40000E-05	476619.0	3743970.4	462.5	3.49	4.00
3.25	YES	HRDOW					
L0000751	0	0.40000E-05	476619.1	3743978.9	462.3	3.49	4.00
3.25	YES	HRDOW					
L0000752	0	0.40000E-05	476619.1	3743987.5	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000753	0	0.40000E-05	476619.2	3743996.1	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000754	0	0.40000E-05	476619.2	3744004.7	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000755	0	0.40000E-05	476619.3	3744013.3	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000756	0	0.40000E-05	476619.4	3744021.9	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000757	0	0.40000E-05	476619.4	3744030.5	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000758	0	0.40000E-05	476619.5	3744039.1	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000759	0	0.40000E-05	476619.5	3744047.7	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000760	0	0.40000E-05	476619.6	3744056.2	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000761	0	0.40000E-05	476619.7	3744064.8	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000762	0	0.40000E-05	476619.7	3744073.4	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000763	0	0.40000E-05	476619.8	3744082.0	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000764	0	0.40000E-05	476619.9	3744090.6	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000765	0	0.40000E-05	476619.9	3744099.2	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000766	0	0.40000E-05	476620.0	3744107.8	461.9	3.49	4.00
3.25	YES	HRDOW					
L0000767	0	0.40000E-05	476620.0	3744116.4	461.7	3.49	4.00
3.25	YES	HRDOW					
L0000768	0	0.40000E-05	476620.1	3744125.0	461.4	3.49	4.00
3.25	YES	HRDOW					
L0000769	0	0.40000E-05	476620.2	3744133.6	461.1	3.49	4.00
3.25	YES	HRDOW					
L0000770	0	0.40000E-05	476620.2	3744142.1	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000771	0	0.40000E-05	476620.3	3744150.7	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000772	0	0.40000E-05	476620.4	3744159.3	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000773	0	0.40000E-05	476620.4	3744167.9	461.0	3.49	4.00
3.25	YES	HRDOW					

L0000774	0	0.40000E-05	476621.1	3744175.9	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000775	0	0.40000E-05	476629.7	3744176.1	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000776	0	0.40000E-05	476638.3	3744176.4	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000777	0	0.40000E-05	476646.9	3744176.6	461.0	3.49	4.00
3.25	YES	HRDOW					
L0000778	0	0.40000E-05	476655.5	3744176.9	460.8	3.49	4.00
3.25	YES	HRDOW					
L0000779	0	0.40000E-05	476664.0	3744177.1	460.5	3.49	4.00
3.25	YES	HRDOW					
L0000780	0	0.40000E-05	476672.6	3744177.4	460.2	3.49	4.00
3.25	YES	HRDOW					
L0000781	0	0.40000E-05	476681.2	3744177.7	460.0	3.49	4.00
3.25	YES	HRDOW					
L0000782	0	0.40000E-05	476689.8	3744177.9	460.0	3.49	4.00
3.25	YES	HRDOW					
L0000783	0	0.40000E-05	476698.4	3744178.2	460.0	3.49	4.00
3.25	YES	HRDOW					
L0000784	0	0.40000E-05	476707.0	3744178.4	460.0	3.49	4.00
3.25	YES	HRDOW					
L0000889	0	0.14400E-04	476618.5	3743952.6	463.0	3.49	4.00
3.25	YES	HRDOW					
L0000890	0	0.14400E-04	476618.6	3743944.0	463.0	3.49	4.00
3.25	YES	HRDOW					
L0000891	0	0.14400E-04	476618.7	3743935.4	463.0	3.49	4.00
3.25	YES	HRDOW					
L0000892	0	0.14400E-04	476618.7	3743926.8	463.0	3.49	4.00
3.25	YES	HRDOW					

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000893	0	0.14400E-04	476618.8	3743918.3	462.8	3.49	4.00
3.25	YES	HRDOW					
L0000894	0	0.14400E-04	476618.8	3743909.7	462.5	3.49	4.00
3.25	YES	HRDOW					
L0000895	0	0.14400E-04	476618.9	3743901.1	462.2	3.49	4.00
3.25	YES	HRDOW					
L0000896	0	0.14400E-04	476619.0	3743892.5	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000897	0	0.14400E-04	476619.0	3743883.9	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000898	0	0.14400E-04	476619.1	3743875.3	462.0	3.49	4.00
3.25	YES	HRDOW					
L0000899	0	0.16940E-05	476722.8	3744185.4	459.6	3.49	6.51
3.25	YES	HRDOW					
L0000900	0	0.16940E-05	476722.3	3744199.4	459.5	3.49	6.51
3.25	YES	HRDOW					
L0000901	0	0.16940E-05	476721.8	3744213.4	459.3	3.49	6.51
3.25	YES	HRDOW					
L0000902	0	0.16940E-05	476721.3	3744227.4	459.0	3.49	6.51
3.25	YES	HRDOW					
L0000903	0	0.16940E-05	476720.4	3744241.3	458.8	3.49	6.51
3.25	YES	HRDOW					
L0000904	0	0.16940E-05	476717.6	3744255.1	458.8	3.49	6.51
3.25	YES	HRDOW					
L0000905	0	0.16940E-05	476714.8	3744268.8	458.8	3.49	6.51
3.25	YES	HRDOW					
L0000906	0	0.16940E-05	476712.0	3744282.5	458.9	3.49	6.51
3.25	YES	HRDOW					
L0000907	0	0.16940E-05	476708.9	3744296.1	459.0	3.49	6.51
3.25	YES	HRDOW					
L0000908	0	0.16940E-05	476703.4	3744309.0	459.2	3.49	6.51
3.25	YES	HRDOW					
L0000909	0	0.16940E-05	476697.9	3744321.9	459.3	3.49	6.51
3.25	YES	HRDOW					
L0000910	0	0.16940E-05	476692.4	3744334.8	459.2	3.49	6.51
3.25	YES	HRDOW					
L0000911	0	0.16940E-05	476686.9	3744347.6	459.0	3.49	6.51
3.25	YES	HRDOW					
L0000912	0	0.16940E-05	476678.7	3744358.9	459.0	3.49	6.51
3.25	YES	HRDOW					
L0000913	0	0.16940E-05	476670.1	3744370.0	459.3	3.49	6.51
3.25	YES	HRDOW					
L0000914	0	0.16940E-05	476661.5	3744381.0	459.5	3.49	6.51
3.25	YES	HRDOW					
L0000915	0	0.16940E-05	476652.1	3744391.3	459.5	3.49	6.51
3.25	YES	HRDOW					
L0000916	0	0.16940E-05	476642.0	3744401.0	459.4	3.49	6.51
3.25	YES	HRDOW					
L0000917	0	0.16940E-05	476631.8	3744410.6	459.6	3.49	6.51
3.25	YES	HRDOW					

L0000918	0	0.16940E-05	476621.7	3744420.3	459.9	3.49	6.51
3.25	YES	HRDOW					
L0000919	0	0.16940E-05	476611.4	3744429.7	460.0	3.49	6.51
3.25	YES	HRDOW					
L0000920	0	0.16940E-05	476599.9	3744437.7	460.0	3.49	6.51
3.25	YES	HRDOW					
L0000921	0	0.16940E-05	476588.4	3744445.7	460.1	3.49	6.51
3.25	YES	HRDOW					
L0000922	0	0.16940E-05	476576.9	3744453.8	460.4	3.49	6.51
3.25	YES	HRDOW					
L0000923	0	0.16940E-05	476565.4	3744461.8	460.8	3.49	6.51
3.25	YES	HRDOW					
L0000924	0	0.16940E-05	476554.0	3744469.8	461.0	3.49	6.51
3.25	YES	HRDOW					
L0000925	0	0.16940E-05	476542.5	3744477.8	461.0	3.49	6.51
3.25	YES	HRDOW					
L0000926	0	0.16940E-05	476531.0	3744485.8	461.0	3.49	6.51
3.25	YES	HRDOW					
L0000927	0	0.16940E-05	476519.5	3744493.8	461.3	3.49	6.51
3.25	YES	HRDOW					
L0000928	0	0.16940E-05	476508.0	3744501.8	461.6	3.49	6.51
3.25	YES	HRDOW					
L0000929	0	0.16940E-05	476496.6	3744509.8	461.6	3.49	6.51
3.25	YES	HRDOW					
L0000930	0	0.16940E-05	476485.1	3744517.8	461.6	3.49	6.51
3.25	YES	HRDOW					
L0000931	0	0.16940E-05	476473.6	3744525.9	461.9	3.49	6.51
3.25	YES	HRDOW					
L0000932	0	0.16940E-05	476462.1	3744533.9	462.0	3.49	6.51
3.25	YES	HRDOW					

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000933	0	0.16940E-05	476450.6	3744541.9	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000934	0	0.16940E-05	476439.1	3744549.9	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000935	0	0.16940E-05	476427.7	3744557.9	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000936	0	0.16940E-05	476416.2	3744565.9	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000937	0	0.16940E-05	476404.7	3744573.9	462.2	3.49	6.51
3.25	YES	HRDOW					
L0000938	0	0.16940E-05	476393.2	3744581.9	462.6	3.49	6.51
3.25	YES	HRDOW					
L0000939	0	0.16940E-05	476381.7	3744589.9	462.9	3.49	6.51
3.25	YES	HRDOW					
L0000940	0	0.16940E-05	476370.3	3744597.9	463.0	3.49	6.51
3.25	YES	HRDOW					
L0000941	0	0.16940E-05	476358.8	3744606.0	463.0	3.49	6.51
3.25	YES	HRDOW					
L0000942	0	0.16940E-05	476362.5	3744616.5	463.0	3.49	6.51
3.25	YES	HRDOW					
L0000943	0	0.16940E-05	476370.8	3744627.8	462.7	3.49	6.51
3.25	YES	HRDOW					
L0000944	0	0.16940E-05	476379.0	3744639.1	462.3	3.49	6.51
3.25	YES	HRDOW					
L0000945	0	0.16940E-05	476387.8	3744650.0	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000946	0	0.16940E-05	476397.1	3744660.5	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000947	0	0.16940E-05	476406.3	3744671.0	462.0	3.49	6.51
3.25	YES	HRDOW					
L0000948	0	0.16940E-05	476415.5	3744681.6	461.8	3.49	6.51
3.25	YES	HRDOW					
L0000949	0	0.16940E-05	476424.7	3744692.1	461.5	3.49	6.51
3.25	YES	HRDOW					
L0000950	0	0.16940E-05	476435.1	3744701.5	461.2	3.49	6.51
3.25	YES	HRDOW					
L0000951	0	0.16940E-05	476445.5	3744710.9	460.8	3.49	6.51
3.25	YES	HRDOW					
L0000952	0	0.16940E-05	476455.8	3744720.3	460.7	3.49	6.51
3.25	YES	HRDOW					
L0000953	0	0.16940E-05	476467.0	3744728.8	460.8	3.49	6.51
3.25	YES	HRDOW					
L0000954	0	0.16940E-05	476478.5	3744736.8	460.7	3.49	6.51
3.25	YES	HRDOW					
L0000955	0	0.16940E-05	476490.0	3744744.8	460.2	3.49	6.51
3.25	YES	HRDOW					
L0000956	0	0.16940E-05	476501.8	3744752.3	460.0	3.49	6.51
3.25	YES	HRDOW					
L0000957	0	0.16940E-05	476514.0	3744759.1	460.0	3.49	6.51
3.25	YES	HRDOW					

L0000958	0	0.16940E-05	476526.2	3744765.9	460.0	3.49	6.51
3.25	YES	HRDOW					
L0000959	0	0.16940E-05	476538.4	3744772.7	459.7	3.49	6.51
3.25	YES	HRDOW					
L0000960	0	0.16940E-05	476551.2	3744778.5	459.3	3.49	6.51
3.25	YES	HRDOW					
L0000961	0	0.16940E-05	476564.2	3744783.5	458.9	3.49	6.51
3.25	YES	HRDOW					
L0000962	0	0.16940E-05	476577.3	3744788.5	458.4	3.49	6.51
3.25	YES	HRDOW					
L0000963	0	0.16940E-05	476590.4	3744793.5	458.0	3.49	6.51
3.25	YES	HRDOW					
L0000964	0	0.16940E-05	476603.5	3744798.4	458.0	3.49	6.51
3.25	YES	HRDOW					
L0000965	0	0.16940E-05	476616.6	3744803.3	458.0	3.49	6.51
3.25	YES	HRDOW					
L0000966	0	0.16940E-05	476629.7	3744808.2	457.9	3.49	6.51
3.25	YES	HRDOW					
L0000967	0	0.16940E-05	476642.8	3744813.2	457.6	3.49	6.51
3.25	YES	HRDOW					
L0000968	0	0.16940E-05	476655.9	3744818.1	457.2	3.49	6.51
3.25	YES	HRDOW					
L0000969	0	0.16940E-05	476669.0	3744823.0	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000970	0	0.16940E-05	476682.1	3744827.9	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000971	0	0.16940E-05	476695.2	3744832.8	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000972	0	0.16940E-05	476708.4	3744837.7	457.0	3.49	6.51
3.25	YES	HRDOW					

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000973	0	0.16940E-05	476721.5	3744842.6	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000974	0	0.16940E-05	476734.6	3744847.5	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000975	0	0.16940E-05	476747.7	3744852.3	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000976	0	0.16940E-05	476760.9	3744857.2	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000977	0	0.16940E-05	476774.0	3744862.1	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000978	0	0.16940E-05	476787.1	3744866.9	457.0	3.49	6.51
3.25	YES	HRDOW					
L0000979	0	0.16940E-05	476800.2	3744871.8	456.0	3.49	6.51
3.25	YES	HRDOW					
L0000980	0	0.16940E-05	476813.4	3744876.7	456.0	3.49	6.51
3.25	YES	HRDOW					
L0000981	0	0.16940E-05	476826.5	3744881.5	456.0	3.49	6.51
3.25	YES	HRDOW					
L0000982	0	0.16940E-05	476839.6	3744886.4	456.0	3.49	6.51
3.25	YES	HRDOW					
L0000983	0	0.16940E-05	476852.8	3744891.3	456.0	3.49	6.51
3.25	YES	HRDOW					
VOL1	0	0.22050E-02	476460.4	3743917.2	463.0	5.00	24.85
1.40	YES	HRDOW					
VOL2	0	0.22050E-02	476553.5	3743917.1	463.0	5.00	24.85
1.40	YES	HRDOW					

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs									
-----	-----									
ALL	L0000749	,	L0000750	,	L0000751	,	L0000752	,	L0000753	,
L0000754	,	L0000755	,	L0000756	,					
	L0000757	,	L0000758	,	L0000759	,	L0000760	,	L0000761	,
L0000762	,	L0000763	,	L0000764	,					
	L0000765	,	L0000766	,	L0000767	,	L0000768	,	L0000769	,
L0000770	,	L0000771	,	L0000772	,					

L0000778 L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,
 , L0000779 , L0000780 ,

 L0000890 L0000781 , L0000782 , L0000783 , L0000784 , L0000889 ,
 , L0000891 , L0000892 ,

 L0000898 L0000893 , L0000894 , L0000895 , L0000896 , L0000897 ,
 , L0000899 , L0000900 ,

 L0000906 L0000901 , L0000902 , L0000903 , L0000904 , L0000905 ,
 , L0000907 , L0000908 ,

 L0000914 L0000909 , L0000910 , L0000911 , L0000912 , L0000913 ,
 , L0000915 , L0000916 ,

 L0000922 L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
 , L0000923 , L0000924 ,

 L0000930 L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
 , L0000931 , L0000932 ,

 L0000938 L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
 , L0000939 , L0000940 ,

 L0000946 L0000941 , L0000942 , L0000943 , L0000944 , L0000945 ,
 , L0000947 , L0000948 ,

 L0000954 L0000949 , L0000950 , L0000951 , L0000952 , L0000953 ,
 , L0000955 , L0000956 ,

 L0000962 L0000957 , L0000958 , L0000959 , L0000960 , L0000961 ,
 , L0000963 , L0000964 ,

 L0000970 L0000965 , L0000966 , L0000967 , L0000968 , L0000969 ,
 , L0000971 , L0000972 ,

 L0000978 L0000973 , L0000974 , L0000975 , L0000976 , L0000977 ,
 , L0000979 , L0000980 ,

L0000981 , L0000982 , L0000983 , VOL1 , VOL2 ,
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 *** 11:47:45

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID -----	URBAN POP -----	SOURCE IDs -----					
L0000753 L0000756	2189641. , L0000754 ,	L0000749 , L0000755	, L0000750 ,	, L0000751 ,	, L0000752 ,		
L0000762	L0000757 , L0000763	, L0000758 , L0000764	, L0000759 ,	, L0000760 ,	, L0000761 ,		
L0000770	L0000765 , L0000771	, L0000766 , L0000772	, L0000767 ,	, L0000768 ,	, L0000769 ,		
L0000778	L0000773 , L0000779	, L0000774 , L0000780	, L0000775 ,	, L0000776 ,	, L0000777 ,		
L0000890	L0000781 , L0000891	, L0000782 , L0000892	, L0000783 ,	, L0000784 ,	, L0000889 ,		
L0000898	L0000893 , L0000899	, L0000894 , L0000900	, L0000895 ,	, L0000896 ,	, L0000897 ,		
L0000906	L0000901 , L0000907	, L0000902 , L0000908	, L0000903 ,	, L0000904 ,	, L0000905 ,		
L0000914	L0000909 , L0000915	, L0000910 , L0000916	, L0000911 ,	, L0000912 ,	, L0000913 ,		
L0000922	L0000917 , L0000923	, L0000918 , L0000924	, L0000919 ,	, L0000920 ,	, L0000921 ,		
L0000930	L0000925 , L0000931	, L0000926 , L0000932	, L0000927 ,	, L0000928 ,	, L0000929 ,		
L0000938	L0000933 , L0000939	, L0000934 , L0000940	, L0000935 ,	, L0000936 ,	, L0000937 ,		
L0000946	L0000941 , L0000947	, L0000942 , L0000948	, L0000943 ,	, L0000944 ,	, L0000945 ,		
L0000954	L0000949 , L0000955	, L0000950 , L0000956	, L0000951 ,	, L0000952 ,	, L0000953 ,		
L0000962	L0000957 , L0000963	, L0000958 , L0000964	, L0000959 ,	, L0000960 ,	, L0000961 ,		

L0000965 , L0000966 , L0000967 , L0000968 , L0000969 ,
L0000970 , L0000971 , L0000972 ,

L0000973 , L0000974 , L0000975 , L0000976 , L0000977 ,
L0000978 , L0000979 , L0000980 ,

L0000981 , L0000982 , L0000983 , VOL1 , VOL2 ,
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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 = L0000749 ; 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 = L000750 ; 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 = L000751 ; 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 = L000752 ; 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: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000753 ; 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 = L0000754 ; 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: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000755 ; 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 = L000756 ; 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
 *** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L000757 ; 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 *** ***
 *** 11:47:45

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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 = L000758 ; 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 = L000759 ; 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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*** *** 11:47:45

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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 = L000760 ; 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 = L0000761 ; 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 = L0000762 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	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 = L000763 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	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: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L000764 ; 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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*** 11:47:45

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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 = L000765 ; 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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*** 11:47:45

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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 = L000766 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR 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  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

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```

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

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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 *** ***
*** 11:47:45

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000767 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR HOUR 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  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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Patterson Cajalco\14614 0 *** 02/16/23
*** 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 = L000768 ; 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 *** ***

*** 11:47:45

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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 = L000769 ; 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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*** 11:47:45

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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 = L000770 ; 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 = L000771 ; 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: RegDFault CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000772 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR 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  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

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                                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 = L000773 ; 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 = L000774 ; 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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 *** 11:47:45

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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 = L000775 ; 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					

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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 *** 11:47:45

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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 = L000776 ; 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					

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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 *** 11:47:45

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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 = L0000777 ; 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 *** ***
 *** 11:47:45

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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 = L0000778 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L000779 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000780 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000781 ; SOURCE TYPE = VOLUME :

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					

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** *** 11:47:45

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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 = L0000782 ; SOURCE TYPE = VOLUME :

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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 Patterson Cajalco\14614 0 *** 02/16/23
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 *** 11:47:45

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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 = L000783 ; 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

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000784 ; 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
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L000889 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L000890 ; 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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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 ***      02/16/23
*** AERMET - VERSION 16216 ***      ***
***                                     ***      11:47:45

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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 = L0000891 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR 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  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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▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000892 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000893 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR SCALAR HOUR SCALAR HOUR 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  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

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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 = L000894 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000895 ; 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 ***
*** 11:47:45

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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 = L0000896 ; 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 ***
*** 11:47:45

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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 = L0000897 ; 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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*** 11:47:45

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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 = L0000898 ; 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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*** 11:47:45

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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 = L000899 ; 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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*** 11:47:45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000900 ; 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 *** ***
*** 11:47:45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000901 ; 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 *** ***
 *** 11:47:45

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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 = L000902 ; 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					

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L000904 ; 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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*** 11:47:45

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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 = L000905 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L000906 ; 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

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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
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000907 ; 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
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000908 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000909 ; 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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*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000910 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000911 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000912 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000913 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** *** 11:47:45

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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 = L0000914 ; 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
 *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000915 ; 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

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000916 ; SOURCE TYPE = VOLUME :

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				

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L000917 ; SOURCE TYPE = VOLUME :

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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000918 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L000919 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L000920 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR 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  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

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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

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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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*** 11:47:45

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000921 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR HOUR 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  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

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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

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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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*** 11:47:45

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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 = L000922 ; 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 = L0000923 ; 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 ***
*** 11:47:45

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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 = L0000924 ; 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 *** ***
 *** 11:47:45

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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 = L0000925 ; 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

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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
^ *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 ***   02/16/23
   *** 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 = L000926 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR 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   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

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                                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

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                                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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Patterson Cajalco\14614 0 ***   02/16/23
   *** AERMET - VERSION 16216 ***   ***
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                                     11:47:45

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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 = L000927 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L000928 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000929 ; 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

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1 .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
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L0000930 ; 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
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000931 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000932 ; 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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*** 11:47:45

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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 = L0000933 ; 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 *** ***
 *** 11:47:45

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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 = L0000934 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000935 ; SOURCE TYPE = VOLUME :

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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000936 ; SOURCE TYPE = VOLUME :

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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L000937 ; 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

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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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Patterson Cajalco\14614 0 *** 02/16/23
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L0000938 ; 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
^ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L000939 ; 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 = L000940 ; 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 = L0000941 ; 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 = L0000942 ; 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 = L0000943 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR SCALAR HOUR SCALAR HOUR 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  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

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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

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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) *

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SOURCE ID = L000944 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR HOUR 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  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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*** 11:47:45

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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 = L0000945 ; 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 = L000946 ; 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 = L000947 ; 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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*** 11:47:45

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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 = L0000948 ; 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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*** 11:47:45

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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 = L000949 ; 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 *** ***
*** 11:47:45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000950 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 ***
*** 11:47:45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000951 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000952 ; 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					

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000954 ; 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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*** 11:47:45

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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 = L0000955 ; 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 = L0000956 ; 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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*** 11:47:45

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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 = L0000957 ; 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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*** 11:47:45

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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 = L0000958 ; 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 = L0000959 ; 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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*** 11:47:45

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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 = L0000960 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000961 ; 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 *** ***
 *** 11:47:45

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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 = L0000962 ; 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 *** ***
 *** 11:47:45

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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 = L0000963 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** *** 11:47:45

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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 = L0000964 ; 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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Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:47:45

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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 = L0000965 ; 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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*** 11:47:45

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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 = L0000966 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	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 = L000967 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	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: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000968 ; 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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*** 11:47:45

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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 = L000969 ; 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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*** 11:47:45

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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 = L000970 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR 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  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

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```

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

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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) *

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SOURCE ID = L000971 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR HOUR 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  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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*** 11:47:45

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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 = L000972 ; 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 = L0000973 ; 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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*** 11:47:45

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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 = L0000974 ; 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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 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L000975 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.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 = 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
^ *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 ***   02/16/23
   *** AERMET - VERSION 16216 ***   ***
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                                     11:47:45

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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SOURCE ID = L000976 ; 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
^ *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 ***   02/16/23
   *** AERMET - VERSION 16216 ***   ***
                                     ***
                                     11:47:45

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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 = L000977 ; 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 = L000978 ; 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 *** ***
 *** 11:47:45

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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 = L0000979 ; 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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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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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 = L0000980 ; 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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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 ***      02/16/23
*** 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 = L0000981 ; 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

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000982 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = L0000983 ; 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

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
 Patterson Cajalco\14614 0 *** 02/16/23
 *** AERMET - VERSION 16216 *** ***
 *** 11:47:45

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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 = 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: RegDEFAULT 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

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*

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

(476555.0, 3743987.4, 463.0, 463.0, 0.0); (476525.7,
3743992.9, 463.1, 463.1, 0.0);
(476555.0, 3744009.6, 463.0, 463.0, 0.0); (476525.5,
3744010.5, 463.0, 463.0, 0.0);
(476555.9, 3744029.1, 463.0, 463.0, 0.0); (476555.0,
3744068.2, 463.0, 463.0, 0.0);
(476636.9, 3744100.4, 461.4, 461.4, 0.0); (476605.7,
3744097.4, 462.0, 462.0, 0.0);
(476590.0, 3744078.7, 462.0, 462.0, 0.0); (476555.6,
3744107.4, 463.0, 463.0, 0.0);

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)

10.80, 1.54, 3.09, 5.14, 8.23,

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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 Year: 2010

Upper air station no.: 3190 Name: UNKNOWN Year: 2010

Table with 14 columns: YR, MO, DY, JDY, HR, H0, U*, W*, DT/DZ, ZICNV, ZIMCH, M-O, LEN, Z0, BOWEN. It contains 6 rows of meteorological data.

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: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000749 , L0000750
 , L0000751 , L0000752 , L0000753 ,
 , L0000754 , L0000755 , L0000756 , L0000757 , L0000758
 , L0000759 , L0000760 , L0000761 ,
 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766
 , L0000767 , L0000768 , L0000769 ,
 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774
 , L0000775 , L0000776 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
476554.97	3743987.40	0.03993	476525.71
3743992.89	0.03556		
476555.05	3744009.62	0.02498	476525.46
3744010.51	0.02544		
476555.94	3744029.15	0.01802	476555.05
3744068.22	0.01089		
476636.89	3744100.39	0.01046	476605.73
3744097.39	0.01183		
476590.01	3744078.68	0.01048	476555.57
3744107.39	0.00738		
476555.66	3744127.74	0.00622	476803.87
3744033.33	0.00212		
476746.99	3744164.79	0.00294	476480.55
3744077.05	0.00949		
476416.51	3743764.93	0.00972	476167.15
3743954.44	0.00142		
476174.75	3744055.45	0.00126	476805.25
3744095.09	0.00188		
476589.65	3743470.03	0.00187	475990.86
3743566.97	0.00059		
476185.29	3743342.97	0.00053	475986.11
3743375.86	0.00042		
477122.17	3744260.69	0.00037	477082.53

3744330.56	0.00038			
477062.51	3744346.66	0.00040		477060.54
3744373.35	0.00039			
477367.13	3744230.85	0.00022		476194.48
3743288.06	0.00047			
476433.77	3745002.38	0.00028		475767.40
3744637.61	0.00020			
475782.04	3744693.73	0.00019		476281.92
3745001.35	0.00026			
475778.21	3744425.00	0.00023		476603.88
3743780.14	0.01688			

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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

**

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

ALL	1ST HIGHEST VALUE IS	0.03993 AT (	476554.97, 3743987.40,
463.00,	463.00, 0.00) DC		
	2ND HIGHEST VALUE IS	0.03556 AT (	476525.71, 3743992.89,
463.11,	463.11, 0.00) DC		
	3RD HIGHEST VALUE IS	0.02544 AT (	476525.46, 3744010.51,
463.03,	463.03, 0.00) DC		
	4TH HIGHEST VALUE IS	0.02498 AT (	476555.05, 3744009.62,
463.00,	463.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.01802 AT (	476555.94, 3744029.15,
463.00,	463.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.01688 AT (	476603.88, 3743780.14,
461.00,	461.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.01183 AT (	476605.73, 3744097.39,
462.00,	462.00, 0.00) DC		
	8TH HIGHEST VALUE IS	0.01089 AT (	476555.05, 3744068.22,
463.00,	463.00, 0.00) DC		
	9TH HIGHEST VALUE IS	0.01048 AT (	476590.01, 3744078.68,

462.00, 462.00, 0.00) DC
10TH HIGHEST VALUE IS 0.01046 AT (476636.89, 3744100.39,
461.43, 461.43, 0.00) DC

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 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 2007 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 2007 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. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/16/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14614 Patterson Cajalco\14614
Ops\14614 Ops.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14614 Patterson Cajalco\14614 0
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14614 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 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.136E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476520.987, 3743936.778, 463.00, 3.49, 4.00
** 476423.577, 3743937.406, 463.15, 3.49, 4.00

```

```

** -----
LOCATION L0000508      VOLUME  476516.692 3743936.805 463.20
LOCATION L0000509      VOLUME  476508.102 3743936.861 463.10
LOCATION L0000510      VOLUME  476499.512 3743936.916 463.00
LOCATION L0000511      VOLUME  476490.922 3743936.972 463.00
LOCATION L0000512      VOLUME  476482.333 3743937.027 463.00
LOCATION L0000513      VOLUME  476473.743 3743937.082 463.00
LOCATION L0000514      VOLUME  476465.153 3743937.138 463.00
LOCATION L0000515      VOLUME  476456.563 3743937.193 463.00
LOCATION L0000516      VOLUME  476447.973 3743937.249 463.00
LOCATION L0000517      VOLUME  476439.383 3743937.304 463.00
LOCATION L0000518      VOLUME  476430.794 3743937.360 463.00

```

** 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 = 5.452E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 9

```

** 476607.839, 3743957.265, 463.04, 3.49, 4.00
** 476427.473, 3743957.265, 463.00, 3.49, 4.00
** 476419.052, 3743956.260, 463.00, 3.49, 4.00
** 476416.035, 3743954.374, 463.00, 3.49, 4.00
** 476414.527, 3743949.598, 463.00, 3.49, 4.00
** 476414.401, 3743878.332, 464.02, 3.49, 4.00
** 476418.298, 3743874.687, 464.00, 3.49, 4.00
** 476424.708, 3743872.927, 463.98, 3.49, 4.00
** 476607.462, 3743872.550, 461.93, 3.49, 4.00

```

```

** -----
LOCATION L0000400      VOLUME  476603.544 3743957.265 462.98
LOCATION L0000401      VOLUME  476594.954 3743957.265 462.99
LOCATION L0000402      VOLUME  476586.364 3743957.265 463.11
LOCATION L0000403      VOLUME  476577.774 3743957.265 463.39
LOCATION L0000404      VOLUME  476569.184 3743957.265 463.66
LOCATION L0000405      VOLUME  476560.594 3743957.265 463.94
LOCATION L0000406      VOLUME  476552.004 3743957.265 463.96
LOCATION L0000407      VOLUME  476543.414 3743957.265 463.96
LOCATION L0000408      VOLUME  476534.824 3743957.265 463.96
LOCATION L0000409      VOLUME  476526.234 3743957.265 463.85
LOCATION L0000410      VOLUME  476517.644 3743957.265 463.59
LOCATION L0000411      VOLUME  476509.054 3743957.265 463.32
LOCATION L0000412      VOLUME  476500.464 3743957.265 463.06
LOCATION L0000413      VOLUME  476491.874 3743957.265 463.04
LOCATION L0000414      VOLUME  476483.284 3743957.265 463.04
LOCATION L0000415      VOLUME  476474.694 3743957.265 463.04

```


LOCATION	VOLUME				
L0000416	476466.104	3743957.265	463.04		
L0000417	476457.514	3743957.265	463.04		
L0000418	476448.924	3743957.265	463.04		
L0000419	476440.334	3743957.265	463.04		
L0000420	476431.744	3743957.265	463.04		
L0000421	476423.184	3743956.753	463.02		
L0000422	476415.773	3743953.543	463.00		
L0000423	476414.519	3743945.145	463.00		
L0000424	476414.504	3743936.555	463.00		
L0000425	476414.489	3743927.965	463.00		
L0000426	476414.474	3743919.375	463.19		
L0000427	476414.459	3743910.785	463.43		
L0000428	476414.444	3743902.195	463.68		
L0000429	476414.428	3743893.606	463.86		
L0000430	476414.413	3743885.016	463.90		
L0000431	476415.794	3743877.029	463.93		
L0000432	476423.274	3743873.321	463.89		
L0000433	476431.811	3743872.912	463.84		
L0000434	476440.401	3743872.895	463.76		
L0000435	476448.991	3743872.877	463.54		
L0000436	476457.581	3743872.859	463.32		
L0000437	476466.171	3743872.841	463.10		
L0000438	476474.761	3743872.824	463.00		
L0000439	476483.351	3743872.806	463.00		
L0000440	476491.941	3743872.788	463.00		
L0000441	476500.531	3743872.771	463.00		
L0000442	476509.121	3743872.753	463.00		
L0000443	476517.711	3743872.735	463.00		
L0000444	476526.301	3743872.717	463.00		
L0000445	476534.891	3743872.700	462.87		
L0000446	476543.481	3743872.682	462.64		
L0000447	476552.071	3743872.664	462.42		
L0000448	476560.661	3743872.647	462.22		
L0000449	476569.251	3743872.629	462.22		
L0000450	476577.841	3743872.611	462.21		
L0000451	476586.431	3743872.593	462.21		
L0000452	476595.021	3743872.576	462.18		
L0000453	476603.611	3743872.558	462.12		

** End of LINE VOLUME Source ID = SLINE2

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Patterson 40%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 6.076E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 476618.902, 3743957.467, 463.00, 3.49, 4.00
** 476620.471, 3744175.861, 461.07, 3.49, 4.00
** 476713.396, 3744178.605, 459.86, 3.49, 4.00

** -----

LOCATION	VOLUME			
L0000519	476618.933	3743961.762	462.82	
L0000520	476618.995	3743970.352	462.54	
L0000521	476619.056	3743978.942	462.26	
L0000522	476619.118	3743987.532	462.02	
L0000523	476619.180	3743996.121	462.01	
L0000524	476619.242	3744004.711	462.01	
L0000525	476619.303	3744013.301	462.00	
L0000526	476619.365	3744021.891	462.00	
L0000527	476619.427	3744030.481	462.00	
L0000528	476619.488	3744039.070	462.00	
L0000529	476619.550	3744047.660	462.00	
L0000530	476619.612	3744056.250	462.00	
L0000531	476619.673	3744064.840	462.00	
L0000532	476619.735	3744073.429	462.00	
L0000533	476619.797	3744082.019	462.00	
L0000534	476619.858	3744090.609	462.00	
L0000535	476619.920	3744099.199	462.00	
L0000536	476619.982	3744107.789	461.94	
L0000537	476620.043	3744116.378	461.66	
L0000538	476620.105	3744124.968	461.37	
L0000539	476620.167	3744133.558	461.09	
L0000540	476620.229	3744142.148	461.00	
L0000541	476620.290	3744150.738	461.00	
L0000542	476620.352	3744159.327	461.00	
L0000543	476620.414	3744167.917	461.00	
L0000544	476621.116	3744175.880	461.00	
L0000545	476629.703	3744176.134	461.00	
L0000546	476638.289	3744176.387	461.00	
L0000547	476646.875	3744176.641	461.00	
L0000548	476655.461	3744176.894	460.81	
L0000549	476664.048	3744177.148	460.53	
L0000550	476672.634	3744177.402	460.24	
L0000551	476681.220	3744177.655	460.00	
L0000552	476689.806	3744177.909	460.00	
L0000553	476698.393	3744178.162	460.00	
L0000554	476706.979	3744178.416	460.00	

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Patterson 20%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 8.39E-08

** Vertical Dimension = 6.99

```

** SZINIT = 3.25
** Nodes = 2
** 476618.512, 3743956.906, 463.00, 3.49, 4.00
** 476619.126, 3743870.942, 461.96, 3.49, 4.00
** -----
LOCATION L0000555    VOLUME  476618.543 3743952.611 463.00
LOCATION L0000556    VOLUME  476618.604 3743944.021 463.00
LOCATION L0000557    VOLUME  476618.665 3743935.432 463.00
LOCATION L0000558    VOLUME  476618.727 3743926.842 463.00
LOCATION L0000559    VOLUME  476618.788 3743918.252 462.75
LOCATION L0000560    VOLUME  476618.849 3743909.662 462.47
LOCATION L0000561    VOLUME  476618.911 3743901.073 462.19
LOCATION L0000562    VOLUME  476618.972 3743892.483 462.03
LOCATION L0000563    VOLUME  476619.033 3743883.893 462.02
LOCATION L0000564    VOLUME  476619.095 3743875.303 462.01
** End of LINE VOLUME Source ID = SLINE4
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Patterson 60%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.498E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 11
** 476618.149, 3743871.004, 461.96, 3.49, 4.00
** 476620.441, 3743738.507, 461.00, 3.49, 4.00
** 476618.033, 3743555.238, 463.72, 3.49, 4.00
** 476616.817, 3743368.530, 467.04, 3.49, 4.00
** 476637.889, 3743369.808, 466.54, 3.49, 4.00
** 476674.287, 3743374.278, 465.39, 3.49, 4.00
** 476691.529, 3743374.916, 465.30, 3.49, 4.00
** 476750.915, 3743377.470, 463.82, 3.49, 4.00
** 476796.253, 3743378.109, 462.20, 3.49, 4.00
** 476867.772, 3743378.747, 461.85, 3.49, 4.00
** 476967.389, 3743379.386, 460.47, 3.49, 4.00
** -----
LOCATION L0000565    VOLUME  476618.223 3743866.710 462.00
LOCATION L0000566    VOLUME  476618.372 3743858.121 461.73
LOCATION L0000567    VOLUME  476618.520 3743849.532 461.45
LOCATION L0000568    VOLUME  476618.669 3743840.944 461.16
LOCATION L0000569    VOLUME  476618.817 3743832.355 461.00
LOCATION L0000570    VOLUME  476618.966 3743823.766 461.00
LOCATION L0000571    VOLUME  476619.115 3743815.178 461.00
LOCATION L0000572    VOLUME  476619.263 3743806.589 461.00
LOCATION L0000573    VOLUME  476619.412 3743798.000 461.00
LOCATION L0000574    VOLUME  476619.560 3743789.411 461.00
LOCATION L0000575    VOLUME  476619.709 3743780.823 461.00

```

LOCATION	L0000576	VOLUME	476619.857	3743772.234	461.00
LOCATION	L0000577	VOLUME	476620.006	3743763.645	461.01
LOCATION	L0000578	VOLUME	476620.155	3743755.057	461.01
LOCATION	L0000579	VOLUME	476620.303	3743746.468	461.00
LOCATION	L0000580	VOLUME	476620.433	3743737.879	461.00
LOCATION	L0000581	VOLUME	476620.320	3743729.290	461.00
LOCATION	L0000582	VOLUME	476620.207	3743720.701	461.00
LOCATION	L0000583	VOLUME	476620.094	3743712.111	461.00
LOCATION	L0000584	VOLUME	476619.981	3743703.522	461.00
LOCATION	L0000585	VOLUME	476619.868	3743694.933	461.00
LOCATION	L0000586	VOLUME	476619.755	3743686.344	461.00
LOCATION	L0000587	VOLUME	476619.643	3743677.754	461.00
LOCATION	L0000588	VOLUME	476619.530	3743669.165	461.00
LOCATION	L0000589	VOLUME	476619.417	3743660.576	461.00
LOCATION	L0000590	VOLUME	476619.304	3743651.986	461.14
LOCATION	L0000591	VOLUME	476619.191	3743643.397	461.43
LOCATION	L0000592	VOLUME	476619.078	3743634.808	461.71
LOCATION	L0000593	VOLUME	476618.965	3743626.219	462.00
LOCATION	L0000594	VOLUME	476618.852	3743617.629	462.28
LOCATION	L0000595	VOLUME	476618.740	3743609.040	462.57
LOCATION	L0000596	VOLUME	476618.627	3743600.451	462.86
LOCATION	L0000597	VOLUME	476618.514	3743591.862	463.14
LOCATION	L0000598	VOLUME	476618.401	3743583.272	463.43
LOCATION	L0000599	VOLUME	476618.288	3743574.683	463.72
LOCATION	L0000600	VOLUME	476618.175	3743566.094	464.00
LOCATION	L0000601	VOLUME	476618.062	3743557.505	463.71
LOCATION	L0000602	VOLUME	476617.991	3743548.915	463.42
LOCATION	L0000603	VOLUME	476617.935	3743540.325	463.14
LOCATION	L0000604	VOLUME	476617.880	3743531.735	463.00
LOCATION	L0000605	VOLUME	476617.824	3743523.146	463.00
LOCATION	L0000606	VOLUME	476617.768	3743514.556	463.00
LOCATION	L0000607	VOLUME	476617.712	3743505.966	463.01
LOCATION	L0000608	VOLUME	476617.656	3743497.376	463.29
LOCATION	L0000609	VOLUME	476617.600	3743488.786	463.58
LOCATION	L0000610	VOLUME	476617.544	3743480.196	463.87
LOCATION	L0000611	VOLUME	476617.488	3743471.607	464.15
LOCATION	L0000612	VOLUME	476617.432	3743463.017	464.44
LOCATION	L0000613	VOLUME	476617.376	3743454.427	464.72
LOCATION	L0000614	VOLUME	476617.320	3743445.837	465.01
LOCATION	L0000615	VOLUME	476617.264	3743437.247	465.30
LOCATION	L0000616	VOLUME	476617.208	3743428.658	465.58
LOCATION	L0000617	VOLUME	476617.152	3743420.068	465.87
LOCATION	L0000618	VOLUME	476617.096	3743411.478	466.16
LOCATION	L0000619	VOLUME	476617.040	3743402.888	466.44
LOCATION	L0000620	VOLUME	476616.985	3743394.298	466.73
LOCATION	L0000621	VOLUME	476616.929	3743385.708	467.00
LOCATION	L0000622	VOLUME	476616.873	3743377.119	467.03
LOCATION	L0000623	VOLUME	476616.818	3743368.531	467.06
LOCATION	L0000624	VOLUME	476625.393	3743369.050	466.82
LOCATION	L0000625	VOLUME	476633.967	3743369.570	466.53

LOCATION L0000626	VOLUME	476642.515	3743370.376	466.24
LOCATION L0000627	VOLUME	476651.041	3743371.423	465.98
LOCATION L0000628	VOLUME	476659.567	3743372.470	465.82
LOCATION L0000629	VOLUME	476668.093	3743373.517	465.65
LOCATION L0000630	VOLUME	476676.635	3743374.364	465.46
LOCATION L0000631	VOLUME	476685.219	3743374.682	465.31
LOCATION L0000632	VOLUME	476693.802	3743375.014	465.20
LOCATION L0000633	VOLUME	476702.384	3743375.383	465.09
LOCATION L0000634	VOLUME	476710.966	3743375.752	464.96
LOCATION L0000635	VOLUME	476719.549	3743376.121	464.68
LOCATION L0000636	VOLUME	476728.131	3743376.490	464.39
LOCATION L0000637	VOLUME	476736.713	3743376.859	464.10
LOCATION L0000638	VOLUME	476745.295	3743377.229	463.82
LOCATION L0000639	VOLUME	476753.879	3743377.512	463.53
LOCATION L0000640	VOLUME	476762.468	3743377.633	463.25
LOCATION L0000641	VOLUME	476771.058	3743377.754	463.00
LOCATION L0000642	VOLUME	476779.647	3743377.875	463.00
LOCATION L0000643	VOLUME	476788.236	3743377.996	462.27
LOCATION L0000644	VOLUME	476796.825	3743378.114	462.27
LOCATION L0000645	VOLUME	476805.415	3743378.191	462.22
LOCATION L0000646	VOLUME	476814.004	3743378.267	462.14
LOCATION L0000647	VOLUME	476822.594	3743378.344	462.06
LOCATION L0000648	VOLUME	476831.184	3743378.421	462.00
LOCATION L0000649	VOLUME	476839.773	3743378.497	462.00
LOCATION L0000650	VOLUME	476848.363	3743378.574	462.00
LOCATION L0000651	VOLUME	476856.953	3743378.651	462.00
LOCATION L0000652	VOLUME	476865.542	3743378.728	461.86
LOCATION L0000653	VOLUME	476874.132	3743378.788	461.64
LOCATION L0000654	VOLUME	476882.722	3743378.843	461.42
LOCATION L0000655	VOLUME	476891.312	3743378.898	461.23
LOCATION L0000656	VOLUME	476899.902	3743378.953	461.16
LOCATION L0000657	VOLUME	476908.491	3743379.009	461.09
LOCATION L0000658	VOLUME	476917.081	3743379.064	461.02
LOCATION L0000659	VOLUME	476925.671	3743379.119	461.00
LOCATION L0000660	VOLUME	476934.261	3743379.174	461.00
LOCATION L0000661	VOLUME	476942.851	3743379.229	461.00
LOCATION L0000662	VOLUME	476951.440	3743379.284	460.96
LOCATION L0000663	VOLUME	476960.030	3743379.339	460.74

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Harvill 40%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.319E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 15

** 476723.073, 3744178.444, 459.63, 3.49, 6.51
 ** 476720.902, 3744238.695, 459.16, 3.49, 6.51
 ** 476709.503, 3744294.603, 459.00, 3.49, 6.51
 ** 476686.163, 3744349.426, 459.07, 3.49, 6.51
 ** 476657.394, 3744386.336, 459.82, 3.49, 6.51
 ** 476612.885, 3744428.674, 459.95, 3.49, 6.51
 ** 476356.141, 3744607.798, 463.00, 3.49, 6.51
 ** 476382.738, 3744644.165, 462.03, 3.49, 6.51
 ** 476425.076, 3744692.474, 461.66, 3.49, 6.51
 ** 476459.273, 3744723.414, 461.05, 3.49, 6.51
 ** 476496.726, 3744749.468, 460.14, 3.49, 6.51
 ** 476543.407, 3744775.523, 459.63, 3.49, 6.51
 ** 476591.716, 3744793.978, 458.01, 3.49, 6.51
 ** 476689.962, 3744830.888, 457.00, 3.49, 6.51
 ** 476858.230, 3744893.310, 456.00, 3.49, 6.51

**

LOCATION L0000664	VOLUME	476722.821	3744185.439	459.57
LOCATION L0000665	VOLUME	476722.317	3744199.430	459.52
LOCATION L0000666	VOLUME	476721.813	3744213.421	459.26
LOCATION L0000667	VOLUME	476721.308	3744227.412	458.98
LOCATION L0000668	VOLUME	476720.360	3744241.350	458.82
LOCATION L0000669	VOLUME	476717.564	3744255.068	458.75
LOCATION L0000670	VOLUME	476714.767	3744268.786	458.84
LOCATION L0000671	VOLUME	476711.970	3744282.503	458.93
LOCATION L0000672	VOLUME	476708.856	3744296.123	459.03
LOCATION L0000673	VOLUME	476703.372	3744309.004	459.22
LOCATION L0000674	VOLUME	476697.888	3744321.885	459.32
LOCATION L0000675	VOLUME	476692.404	3744334.766	459.22
LOCATION L0000676	VOLUME	476686.920	3744347.647	458.99
LOCATION L0000677	VOLUME	476678.744	3744358.943	459.04
LOCATION L0000678	VOLUME	476670.138	3744369.986	459.32
LOCATION L0000679	VOLUME	476661.532	3744381.028	459.51
LOCATION L0000680	VOLUME	476652.127	3744391.346	459.46
LOCATION L0000681	VOLUME	476641.983	3744400.995	459.39
LOCATION L0000682	VOLUME	476631.839	3744410.644	459.60
LOCATION L0000683	VOLUME	476621.695	3744420.293	459.94
LOCATION L0000684	VOLUME	476611.376	3744429.727	460.00
LOCATION L0000685	VOLUME	476599.894	3744437.738	460.00
LOCATION L0000686	VOLUME	476588.412	3744445.748	460.05
LOCATION L0000687	VOLUME	476576.930	3744453.759	460.43
LOCATION L0000688	VOLUME	476565.449	3744461.769	460.81
LOCATION L0000689	VOLUME	476553.967	3744469.780	461.00
LOCATION L0000690	VOLUME	476542.485	3744477.790	461.00
LOCATION L0000691	VOLUME	476531.003	3744485.801	461.00
LOCATION L0000692	VOLUME	476519.522	3744493.811	461.34
LOCATION L0000693	VOLUME	476508.040	3744501.822	461.59
LOCATION L0000694	VOLUME	476496.558	3744509.832	461.60
LOCATION L0000695	VOLUME	476485.076	3744517.843	461.63
LOCATION L0000696	VOLUME	476473.594	3744525.854	461.88
LOCATION L0000697	VOLUME	476462.113	3744533.864	462.00

LOCATION	L0000698	VOLUME	476450.631	3744541.875	462.00
LOCATION	L0000699	VOLUME	476439.149	3744549.885	462.00
LOCATION	L0000700	VOLUME	476427.667	3744557.896	462.00
LOCATION	L0000701	VOLUME	476416.186	3744565.906	462.00
LOCATION	L0000702	VOLUME	476404.704	3744573.917	462.17
LOCATION	L0000703	VOLUME	476393.222	3744581.927	462.55
LOCATION	L0000704	VOLUME	476381.740	3744589.938	462.94
LOCATION	L0000705	VOLUME	476370.258	3744597.948	463.00
LOCATION	L0000706	VOLUME	476358.777	3744605.959	463.00
LOCATION	L0000707	VOLUME	476362.508	3744616.504	463.00
LOCATION	L0000708	VOLUME	476370.773	3744627.805	462.73
LOCATION	L0000709	VOLUME	476379.037	3744639.105	462.26
LOCATION	L0000710	VOLUME	476387.833	3744649.979	462.00
LOCATION	L0000711	VOLUME	476397.061	3744660.508	462.00
LOCATION	L0000712	VOLUME	476406.288	3744671.037	462.00
LOCATION	L0000713	VOLUME	476415.516	3744681.565	461.81
LOCATION	L0000714	VOLUME	476424.743	3744692.094	461.50
LOCATION	L0000715	VOLUME	476435.083	3744701.528	461.16
LOCATION	L0000716	VOLUME	476445.464	3744710.921	460.84
LOCATION	L0000717	VOLUME	476455.846	3744720.314	460.72
LOCATION	L0000718	VOLUME	476466.972	3744728.770	460.78
LOCATION	L0000719	VOLUME	476478.465	3744736.765	460.70
LOCATION	L0000720	VOLUME	476489.957	3744744.760	460.24
LOCATION	L0000721	VOLUME	476501.751	3744752.273	460.00
LOCATION	L0000722	VOLUME	476513.976	3744759.096	460.00
LOCATION	L0000723	VOLUME	476526.200	3744765.919	460.00
LOCATION	L0000724	VOLUME	476538.425	3744772.742	459.71
LOCATION	L0000725	VOLUME	476551.156	3744778.483	459.29
LOCATION	L0000726	VOLUME	476564.234	3744783.479	458.85
LOCATION	L0000727	VOLUME	476577.312	3744788.475	458.42
LOCATION	L0000728	VOLUME	476590.390	3744793.471	458.00
LOCATION	L0000729	VOLUME	476603.493	3744798.402	458.00
LOCATION	L0000730	VOLUME	476616.598	3744803.326	458.00
LOCATION	L0000731	VOLUME	476629.704	3744808.250	457.87
LOCATION	L0000732	VOLUME	476642.810	3744813.173	457.57
LOCATION	L0000733	VOLUME	476655.915	3744818.097	457.22
LOCATION	L0000734	VOLUME	476669.021	3744823.021	457.04
LOCATION	L0000735	VOLUME	476682.127	3744827.944	457.00
LOCATION	L0000736	VOLUME	476695.240	3744832.846	457.00
LOCATION	L0000737	VOLUME	476708.366	3744837.716	457.00
LOCATION	L0000738	VOLUME	476721.492	3744842.585	457.00
LOCATION	L0000739	VOLUME	476734.618	3744847.454	457.00
LOCATION	L0000740	VOLUME	476747.744	3744852.323	457.00
LOCATION	L0000741	VOLUME	476760.870	3744857.193	457.00
LOCATION	L0000742	VOLUME	476773.996	3744862.062	457.00
LOCATION	L0000743	VOLUME	476787.122	3744866.931	457.00
LOCATION	L0000744	VOLUME	476800.248	3744871.801	456.00
LOCATION	L0000745	VOLUME	476813.374	3744876.670	456.00
LOCATION	L0000746	VOLUME	476826.500	3744881.539	456.00
LOCATION	L0000747	VOLUME	476839.626	3744886.408	456.00

LOCATION L0000748 VOLUME 476852.752 3744891.278 456.00

** End of LINE VOLUME Source ID = SLINE6

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Harvill 60%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 3.202E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 11

** 476979.866, 3743378.357, 460.16, 3.49, 6.51

** 477046.156, 3743171.531, 460.04, 3.49, 6.51

** 477080.075, 3743072.578, 460.07, 3.49, 6.51

** 477120.745, 3742968.569, 459.15, 3.49, 6.51

** 477185.204, 3742791.760, 459.03, 3.49, 6.51

** 477228.782, 3742661.029, 458.89, 3.49, 6.51

** 477240.803, 3742619.705, 458.25, 3.49, 6.51

** 477243.808, 3742588.901, 458.25, 3.49, 6.51

** 477243.057, 3742574.625, 458.12, 3.49, 6.51

** 477570.194, 3742576.146, 452.23, 3.49, 6.51

** 477854.227, 3742568.632, 448.16, 3.49, 6.51

**

LOCATION L0000749 VOLUME 476982.002 3743371.691 460.45

LOCATION L0000750 VOLUME 476986.275 3743358.359 460.73

LOCATION L0000751 VOLUME 476990.548 3743345.027 460.64

LOCATION L0000752 VOLUME 476994.821 3743331.695 460.50

LOCATION L0000753 VOLUME 476999.094 3743318.363 460.36

LOCATION L0000754 VOLUME 477003.367 3743305.031 460.22

LOCATION L0000755 VOLUME 477007.640 3743291.699 460.07

LOCATION L0000756 VOLUME 477011.913 3743278.367 460.00

LOCATION L0000757 VOLUME 477016.187 3743265.035 460.03

LOCATION L0000758 VOLUME 477020.460 3743251.703 460.31

LOCATION L0000759 VOLUME 477024.733 3743238.372 460.47

LOCATION L0000760 VOLUME 477029.006 3743225.040 460.36

LOCATION L0000761 VOLUME 477033.279 3743211.708 460.22

LOCATION L0000762 VOLUME 477037.552 3743198.376 460.08

LOCATION L0000763 VOLUME 477041.825 3743185.044 460.00

LOCATION L0000764 VOLUME 477046.098 3743171.712 460.00

LOCATION L0000765 VOLUME 477050.634 3743158.467 460.00

LOCATION L0000766 VOLUME 477055.174 3743145.223 460.00

LOCATION L0000767 VOLUME 477059.713 3743131.980 460.00

LOCATION L0000768 VOLUME 477064.253 3743118.736 460.00

LOCATION L0000769 VOLUME 477068.792 3743105.493 460.01

LOCATION L0000770 VOLUME 477073.332 3743092.249 460.00

LOCATION L0000771 VOLUME 477077.871 3743079.006 460.00

LOCATION L0000772 VOLUME 477082.699 3743065.867 460.00

LOCATION L0000773 VOLUME 477087.797 3743052.829 460.00

LOCATION L0000774	VOLUME	477092.895	3743039.790	460.00
LOCATION L0000775	VOLUME	477097.994	3743026.752	460.00
LOCATION L0000776	VOLUME	477103.092	3743013.713	459.89
LOCATION L0000777	VOLUME	477108.191	3743000.674	459.72
LOCATION L0000778	VOLUME	477113.289	3742987.636	459.55
LOCATION L0000779	VOLUME	477118.388	3742974.597	459.38
LOCATION L0000780	VOLUME	477123.323	3742961.497	459.22
LOCATION L0000781	VOLUME	477128.118	3742948.344	459.06
LOCATION L0000782	VOLUME	477132.914	3742935.191	459.03
LOCATION L0000783	VOLUME	477137.709	3742922.037	459.35
LOCATION L0000784	VOLUME	477142.504	3742908.884	459.53
LOCATION L0000785	VOLUME	477147.299	3742895.731	459.42
LOCATION L0000786	VOLUME	477152.095	3742882.578	459.26
LOCATION L0000787	VOLUME	477156.890	3742869.425	459.10
LOCATION L0000788	VOLUME	477161.685	3742856.272	458.94
LOCATION L0000789	VOLUME	477166.481	3742843.119	458.80
LOCATION L0000790	VOLUME	477171.276	3742829.965	458.83
LOCATION L0000791	VOLUME	477176.071	3742816.812	458.99
LOCATION L0000792	VOLUME	477180.866	3742803.659	459.13
LOCATION L0000793	VOLUME	477185.627	3742790.494	459.12
LOCATION L0000794	VOLUME	477190.054	3742777.212	458.99
LOCATION L0000795	VOLUME	477194.481	3742763.931	458.85
LOCATION L0000796	VOLUME	477198.908	3742750.649	458.70
LOCATION L0000797	VOLUME	477203.335	3742737.367	458.55
LOCATION L0000798	VOLUME	477207.763	3742724.086	458.44
LOCATION L0000799	VOLUME	477212.190	3742710.804	458.64
LOCATION L0000800	VOLUME	477216.617	3742697.523	458.96
LOCATION L0000801	VOLUME	477221.044	3742684.241	458.96
LOCATION L0000802	VOLUME	477225.471	3742670.960	458.81
LOCATION L0000803	VOLUME	477229.768	3742657.637	458.67
LOCATION L0000804	VOLUME	477233.679	3742644.195	458.54
LOCATION L0000805	VOLUME	477237.589	3742630.752	458.41
LOCATION L0000806	VOLUME	477241.045	3742617.222	458.29
LOCATION L0000807	VOLUME	477242.405	3742603.288	458.25
LOCATION L0000808	VOLUME	477243.764	3742589.354	458.20
LOCATION L0000809	VOLUME	477243.096	3742575.375	458.25
LOCATION L0000810	VOLUME	477256.306	3742574.687	458.04
LOCATION L0000811	VOLUME	477270.306	3742574.752	458.01
LOCATION L0000812	VOLUME	477284.306	3742574.817	457.85
LOCATION L0000813	VOLUME	477298.306	3742574.882	457.39
LOCATION L0000814	VOLUME	477312.306	3742574.947	456.92
LOCATION L0000815	VOLUME	477326.306	3742575.012	456.45
LOCATION L0000816	VOLUME	477340.305	3742575.078	456.00
LOCATION L0000817	VOLUME	477354.305	3742575.143	456.00
LOCATION L0000818	VOLUME	477368.305	3742575.208	456.00
LOCATION L0000819	VOLUME	477382.305	3742575.273	456.00
LOCATION L0000820	VOLUME	477396.305	3742575.338	456.00
LOCATION L0000821	VOLUME	477410.305	3742575.403	455.65
LOCATION L0000822	VOLUME	477424.305	3742575.468	455.19
LOCATION L0000823	VOLUME	477438.304	3742575.533	454.72

LOCATION	L0000824	VOLUME	477452.304	3742575.598	454.27
LOCATION	L0000825	VOLUME	477466.304	3742575.663	454.01
LOCATION	L0000826	VOLUME	477480.304	3742575.728	454.00
LOCATION	L0000827	VOLUME	477494.304	3742575.794	453.85
LOCATION	L0000828	VOLUME	477508.304	3742575.859	453.39
LOCATION	L0000829	VOLUME	477522.304	3742575.924	453.01
LOCATION	L0000830	VOLUME	477536.303	3742575.989	453.00
LOCATION	L0000831	VOLUME	477550.303	3742576.054	452.99
LOCATION	L0000832	VOLUME	477564.303	3742576.119	452.52
LOCATION	L0000833	VOLUME	477578.300	3742575.932	452.06
LOCATION	L0000834	VOLUME	477592.295	3742575.562	452.01
LOCATION	L0000835	VOLUME	477606.290	3742575.191	452.00
LOCATION	L0000836	VOLUME	477620.285	3742574.821	451.67
LOCATION	L0000837	VOLUME	477634.281	3742574.451	451.23
LOCATION	L0000838	VOLUME	477648.276	3742574.081	451.05
LOCATION	L0000839	VOLUME	477662.271	3742573.711	451.02
LOCATION	L0000840	VOLUME	477676.266	3742573.340	451.00
LOCATION	L0000841	VOLUME	477690.261	3742572.970	451.00
LOCATION	L0000842	VOLUME	477704.256	3742572.600	450.85
LOCATION	L0000843	VOLUME	477718.251	3742572.230	450.39
LOCATION	L0000844	VOLUME	477732.246	3742571.859	450.00
LOCATION	L0000845	VOLUME	477746.241	3742571.489	450.00
LOCATION	L0000846	VOLUME	477760.237	3742571.119	449.99
LOCATION	L0000847	VOLUME	477774.232	3742570.749	449.61
LOCATION	L0000848	VOLUME	477788.227	3742570.378	449.24
LOCATION	L0000849	VOLUME	477802.222	3742570.008	449.12
LOCATION	L0000850	VOLUME	477816.217	3742569.638	449.03
LOCATION	L0000851	VOLUME	477830.212	3742569.268	448.73
LOCATION	L0000852	VOLUME	477844.207	3742568.897	448.39

** End of LINE VOLUME Source ID = SLINE7

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0000508	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000509	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000510	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000511	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000512	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000513	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000514	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000515	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000516	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000517	0.0000008305	3.49	4.00	3.25
SRCPARAM	L0000518	0.0000008305	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE2

SRCPARAM	L0000400	0.000000101	3.49	4.00	3.25
SRCPARAM	L0000401	0.000000101	3.49	4.00	3.25
SRCPARAM	L0000402	0.000000101	3.49	4.00	3.25
SRCPARAM	L0000403	0.000000101	3.49	4.00	3.25
SRCPARAM	L0000404	0.000000101	3.49	4.00	3.25

** LINE VOLUME Source ID = SLINE3

SRCPARAM L0000519	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000520	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000521	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000522	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000523	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000524	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000525	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000526	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000527	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000528	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000529	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000530	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000531	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000532	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000533	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000534	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000535	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000536	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000537	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000538	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000539	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000540	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000541	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000542	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000543	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000544	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000545	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000546	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000547	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000548	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000549	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000550	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000551	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000552	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000553	0.00000001688	3.49	4.00	3.25
SRCPARAM L0000554	0.00000001688	3.49	4.00	3.25

**

** LINE VOLUME Source ID = SLINE4

SRCPARAM L0000555	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000556	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000557	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000558	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000559	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000560	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000561	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000562	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000563	0.00000000839	3.49	4.00	3.25
SRCPARAM L0000564	0.00000000839	3.49	4.00	3.25

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SRCPARAM L0000712	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000713	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000714	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000715	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000716	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000717	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000718	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000719	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000720	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000721	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000722	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000723	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000724	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000725	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000726	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000727	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000728	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000729	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000730	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000731	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000732	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000733	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000734	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000735	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000736	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000737	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000738	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000739	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000740	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000741	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000742	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000743	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000744	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000745	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000746	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000747	0.00000002728	3.49	6.51	3.25
SRCPARAM L0000748	0.00000002728	3.49	6.51	3.25

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** LINE VOLUME Source ID = SLINE7

SRCPARAM L0000749	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000750	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000751	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000752	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000753	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000754	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000755	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000756	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000757	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000758	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000759	0.00000003079	3.49	6.51	3.25

SRCPARAM L0000810	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000811	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000812	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000813	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000814	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000815	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000816	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000817	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000818	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000819	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000820	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000821	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000822	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000823	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000824	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000825	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000826	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000827	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000828	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000829	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000830	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000831	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000832	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000833	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000834	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000835	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000836	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000837	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000838	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000839	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000840	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000841	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000842	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000843	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000844	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000845	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000846	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000847	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000848	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000849	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000850	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000851	0.00000003079	3.49	6.51	3.25
SRCPARAM L0000852	0.00000003079	3.49	6.51	3.25

**

 URBANSRC ALL
 SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14614 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 "14614 OPS.AD\AN00GALL.PLT" 31
SUMMFILE "14614 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 1018 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 1018 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:49:10

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 399 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 399 Source(s); 1 Source Group(s); and 34
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 399 VOLUME source(s)
and: 0 AREA type source(s)

and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 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: 14614 Ops.err

**File for Summary of Results: 14614 Ops.sum

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
Patterson Cajalco\14614 0 *** 02/16/23
*** AERMET - VERSION 16216 *** ***
*** 11:49:10

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
	L0000508	0	0.83050E-06	476516.7	3743936.8	463.2	3.49	4.00	
3.25	YES								
	L0000509	0	0.83050E-06	476508.1	3743936.9	463.1	3.49	4.00	
3.25	YES								
	L0000510	0	0.83050E-06	476499.5	3743936.9	463.0	3.49	4.00	
3.25	YES								
	L0000511	0	0.83050E-06	476490.9	3743937.0	463.0	3.49	4.00	
3.25	YES								
	L0000512	0	0.83050E-06	476482.3	3743937.0	463.0	3.49	4.00	
3.25	YES								
	L0000513	0	0.83050E-06	476473.7	3743937.1	463.0	3.49	4.00	
3.25	YES								
	L0000514	0	0.83050E-06	476465.2	3743937.1	463.0	3.49	4.00	
3.25	YES								
	L0000515	0	0.83050E-06	476456.6	3743937.2	463.0	3.49	4.00	
3.25	YES								
	L0000516	0	0.83050E-06	476448.0	3743937.2	463.0	3.49	4.00	
3.25	YES								
	L0000517	0	0.83050E-06	476439.4	3743937.3	463.0	3.49	4.00	
3.25	YES								
	L0000518	0	0.83050E-06	476430.8	3743937.4	463.0	3.49	4.00	
3.25	YES								
	L0000400	0	0.10100E-06	476603.5	3743957.3	463.0	3.49	4.00	
3.25	YES								
	L0000401	0	0.10100E-06	476595.0	3743957.3	463.0	3.49	4.00	
3.25	YES								
	L0000402	0	0.10100E-06	476586.4	3743957.3	463.1	3.49	4.00	
3.25	YES								
	L0000403	0	0.10100E-06	476577.8	3743957.3	463.4	3.49	4.00	
3.25	YES								
	L0000404	0	0.10100E-06	476569.2	3743957.3	463.7	3.49	4.00	
3.25	YES								
	L0000405	0	0.10100E-06	476560.6	3743957.3	463.9	3.49	4.00	
3.25	YES								
	L0000406	0	0.10100E-06	476552.0	3743957.3	464.0	3.49	4.00	
3.25	YES								
	L0000407	0	0.10100E-06	476543.4	3743957.3	464.0	3.49	4.00	
3.25	YES								
	L0000408	0	0.10100E-06	476534.8	3743957.3	464.0	3.49	4.00	

3.25	YES							
L0000409		0	0.10100E-06	476526.2	3743957.3	463.9	3.49	4.00
3.25	YES							
L0000410		0	0.10100E-06	476517.6	3743957.3	463.6	3.49	4.00
3.25	YES							
L0000411		0	0.10100E-06	476509.1	3743957.3	463.3	3.49	4.00
3.25	YES							
L0000412		0	0.10100E-06	476500.5	3743957.3	463.1	3.49	4.00
3.25	YES							
L0000413		0	0.10100E-06	476491.9	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000414		0	0.10100E-06	476483.3	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000415		0	0.10100E-06	476474.7	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000416		0	0.10100E-06	476466.1	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000417		0	0.10100E-06	476457.5	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000418		0	0.10100E-06	476448.9	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000419		0	0.10100E-06	476440.3	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000420		0	0.10100E-06	476431.7	3743957.3	463.0	3.49	4.00
3.25	YES							
L0000421		0	0.10100E-06	476423.2	3743956.8	463.0	3.49	4.00
3.25	YES							
L0000422		0	0.10100E-06	476415.8	3743953.5	463.0	3.49	4.00
3.25	YES							
L0000423		0	0.10100E-06	476414.5	3743945.1	463.0	3.49	4.00
3.25	YES							
L0000424		0	0.10100E-06	476414.5	3743936.6	463.0	3.49	4.00
3.25	YES							
L0000425		0	0.10100E-06	476414.5	3743928.0	463.0	3.49	4.00
3.25	YES							
L0000426		0	0.10100E-06	476414.5	3743919.4	463.2	3.49	4.00
3.25	YES							
L0000427		0	0.10100E-06	476414.5	3743910.8	463.4	3.49	4.00
3.25	YES							
L0000428		0	0.10100E-06	476414.4	3743902.2	463.7	3.49	4.00

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000429		0	0.10100E-06	476414.4	3743893.6	463.9	3.49	4.00	
3.25	YES								
L0000430		0	0.10100E-06	476414.4	3743885.0	463.9	3.49	4.00	
3.25	YES								
L0000431		0	0.10100E-06	476415.8	3743877.0	463.9	3.49	4.00	
3.25	YES								
L0000432		0	0.10100E-06	476423.3	3743873.3	463.9	3.49	4.00	
3.25	YES								
L0000433		0	0.10100E-06	476431.8	3743872.9	463.8	3.49	4.00	
3.25	YES								
L0000434		0	0.10100E-06	476440.4	3743872.9	463.8	3.49	4.00	
3.25	YES								
L0000435		0	0.10100E-06	476449.0	3743872.9	463.5	3.49	4.00	
3.25	YES								
L0000436		0	0.10100E-06	476457.6	3743872.9	463.3	3.49	4.00	
3.25	YES								
L0000437		0	0.10100E-06	476466.2	3743872.8	463.1	3.49	4.00	
3.25	YES								
L0000438		0	0.10100E-06	476474.8	3743872.8	463.0	3.49	4.00	
3.25	YES								
L0000439		0	0.10100E-06	476483.4	3743872.8	463.0	3.49	4.00	
3.25	YES								
L0000440		0	0.10100E-06	476491.9	3743872.8	463.0	3.49	4.00	
3.25	YES								
L0000441		0	0.10100E-06	476500.5	3743872.8	463.0	3.49	4.00	
3.25	YES								
L0000442		0	0.10100E-06	476509.1	3743872.8	463.0	3.49	4.00	
3.25	YES								
L0000443		0	0.10100E-06	476517.7	3743872.7	463.0	3.49	4.00	
3.25	YES								
L0000444		0	0.10100E-06	476526.3	3743872.7	463.0	3.49	4.00	
3.25	YES								
L0000445		0	0.10100E-06	476534.9	3743872.7	462.9	3.49	4.00	
3.25	YES								
L0000446		0	0.10100E-06	476543.5	3743872.7	462.6	3.49	4.00	
3.25	YES								
L0000447		0	0.10100E-06	476552.1	3743872.7	462.4	3.49	4.00	
3.25	YES								
L0000448		0	0.10100E-06	476560.7	3743872.6	462.2	3.49	4.00	

3.25	YES							
L0000449		0	0.10100E-06	476569.3	3743872.6	462.2	3.49	4.00
3.25	YES							
L0000450		0	0.10100E-06	476577.8	3743872.6	462.2	3.49	4.00
3.25	YES							
L0000451		0	0.10100E-06	476586.4	3743872.6	462.2	3.49	4.00
3.25	YES							
L0000452		0	0.10100E-06	476595.0	3743872.6	462.2	3.49	4.00
3.25	YES							
L0000453		0	0.10100E-06	476603.6	3743872.6	462.1	3.49	4.00
3.25	YES							
L0000519		0	0.16880E-07	476618.9	3743961.8	462.8	3.49	4.00
3.25	YES							
L0000520		0	0.16880E-07	476619.0	3743970.4	462.5	3.49	4.00
3.25	YES							
L0000521		0	0.16880E-07	476619.1	3743978.9	462.3	3.49	4.00
3.25	YES							
L0000522		0	0.16880E-07	476619.1	3743987.5	462.0	3.49	4.00
3.25	YES							
L0000523		0	0.16880E-07	476619.2	3743996.1	462.0	3.49	4.00
3.25	YES							
L0000524		0	0.16880E-07	476619.2	3744004.7	462.0	3.49	4.00
3.25	YES							
L0000525		0	0.16880E-07	476619.3	3744013.3	462.0	3.49	4.00
3.25	YES							
L0000526		0	0.16880E-07	476619.4	3744021.9	462.0	3.49	4.00
3.25	YES							
L0000527		0	0.16880E-07	476619.4	3744030.5	462.0	3.49	4.00
3.25	YES							
L0000528		0	0.16880E-07	476619.5	3744039.1	462.0	3.49	4.00
3.25	YES							
L0000529		0	0.16880E-07	476619.5	3744047.7	462.0	3.49	4.00
3.25	YES							
L0000530		0	0.16880E-07	476619.6	3744056.2	462.0	3.49	4.00
3.25	YES							
L0000531		0	0.16880E-07	476619.7	3744064.8	462.0	3.49	4.00
3.25	YES							
L0000532		0	0.16880E-07	476619.7	3744073.4	462.0	3.49	4.00
3.25	YES							
L0000533		0	0.16880E-07	476619.8	3744082.0	462.0	3.49	4.00

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000534		0	0.16880E-07	476619.9	3744090.6	462.0	3.49	4.00	
3.25	YES								
L0000535		0	0.16880E-07	476619.9	3744099.2	462.0	3.49	4.00	
3.25	YES								
L0000536		0	0.16880E-07	476620.0	3744107.8	461.9	3.49	4.00	
3.25	YES								
L0000537		0	0.16880E-07	476620.0	3744116.4	461.7	3.49	4.00	
3.25	YES								
L0000538		0	0.16880E-07	476620.1	3744125.0	461.4	3.49	4.00	
3.25	YES								
L0000539		0	0.16880E-07	476620.2	3744133.6	461.1	3.49	4.00	
3.25	YES								
L0000540		0	0.16880E-07	476620.2	3744142.1	461.0	3.49	4.00	
3.25	YES								
L0000541		0	0.16880E-07	476620.3	3744150.7	461.0	3.49	4.00	
3.25	YES								
L0000542		0	0.16880E-07	476620.4	3744159.3	461.0	3.49	4.00	
3.25	YES								
L0000543		0	0.16880E-07	476620.4	3744167.9	461.0	3.49	4.00	
3.25	YES								
L0000544		0	0.16880E-07	476621.1	3744175.9	461.0	3.49	4.00	
3.25	YES								
L0000545		0	0.16880E-07	476629.7	3744176.1	461.0	3.49	4.00	
3.25	YES								
L0000546		0	0.16880E-07	476638.3	3744176.4	461.0	3.49	4.00	
3.25	YES								
L0000547		0	0.16880E-07	476646.9	3744176.6	461.0	3.49	4.00	
3.25	YES								
L0000548		0	0.16880E-07	476655.5	3744176.9	460.8	3.49	4.00	
3.25	YES								
L0000549		0	0.16880E-07	476664.0	3744177.1	460.5	3.49	4.00	
3.25	YES								
L0000550		0	0.16880E-07	476672.6	3744177.4	460.2	3.49	4.00	
3.25	YES								
L0000551		0	0.16880E-07	476681.2	3744177.7	460.0	3.49	4.00	
3.25	YES								
L0000552		0	0.16880E-07	476689.8	3744177.9	460.0	3.49	4.00	
3.25	YES								
L0000553		0	0.16880E-07	476698.4	3744178.2	460.0	3.49	4.00	

3.25	YES							
L0000554		0	0.16880E-07	476707.0	3744178.4	460.0	3.49	4.00
3.25	YES							
L0000555		0	0.83900E-08	476618.5	3743952.6	463.0	3.49	4.00
3.25	YES							
L0000556		0	0.83900E-08	476618.6	3743944.0	463.0	3.49	4.00
3.25	YES							
L0000557		0	0.83900E-08	476618.7	3743935.4	463.0	3.49	4.00
3.25	YES							
L0000558		0	0.83900E-08	476618.7	3743926.8	463.0	3.49	4.00
3.25	YES							
L0000559		0	0.83900E-08	476618.8	3743918.3	462.8	3.49	4.00
3.25	YES							
L0000560		0	0.83900E-08	476618.8	3743909.7	462.5	3.49	4.00
3.25	YES							
L0000561		0	0.83900E-08	476618.9	3743901.1	462.2	3.49	4.00
3.25	YES							
L0000562		0	0.83900E-08	476619.0	3743892.5	462.0	3.49	4.00
3.25	YES							
L0000563		0	0.83900E-08	476619.0	3743883.9	462.0	3.49	4.00
3.25	YES							
L0000564		0	0.83900E-08	476619.1	3743875.3	462.0	3.49	4.00
3.25	YES							
L0000565		0	0.25230E-07	476618.2	3743866.7	462.0	3.49	4.00
3.25	YES							
L0000566		0	0.25230E-07	476618.4	3743858.1	461.7	3.49	4.00
3.25	YES							
L0000567		0	0.25230E-07	476618.5	3743849.5	461.4	3.49	4.00
3.25	YES							
L0000568		0	0.25230E-07	476618.7	3743840.9	461.2	3.49	4.00
3.25	YES							
L0000569		0	0.25230E-07	476618.8	3743832.4	461.0	3.49	4.00
3.25	YES							
L0000570		0	0.25230E-07	476619.0	3743823.8	461.0	3.49	4.00
3.25	YES							
L0000571		0	0.25230E-07	476619.1	3743815.2	461.0	3.49	4.00
3.25	YES							
L0000572		0	0.25230E-07	476619.3	3743806.6	461.0	3.49	4.00
3.25	YES							
L0000573		0	0.25230E-07	476619.4	3743798.0	461.0	3.49	4.00

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000574		0	0.25230E-07	476619.6	3743789.4	461.0	3.49	4.00	
3.25	YES								
L0000575		0	0.25230E-07	476619.7	3743780.8	461.0	3.49	4.00	
3.25	YES								
L0000576		0	0.25230E-07	476619.9	3743772.2	461.0	3.49	4.00	
3.25	YES								
L0000577		0	0.25230E-07	476620.0	3743763.6	461.0	3.49	4.00	
3.25	YES								
L0000578		0	0.25230E-07	476620.2	3743755.1	461.0	3.49	4.00	
3.25	YES								
L0000579		0	0.25230E-07	476620.3	3743746.5	461.0	3.49	4.00	
3.25	YES								
L0000580		0	0.25230E-07	476620.4	3743737.9	461.0	3.49	4.00	
3.25	YES								
L0000581		0	0.25230E-07	476620.3	3743729.3	461.0	3.49	4.00	
3.25	YES								
L0000582		0	0.25230E-07	476620.2	3743720.7	461.0	3.49	4.00	
3.25	YES								
L0000583		0	0.25230E-07	476620.1	3743712.1	461.0	3.49	4.00	
3.25	YES								
L0000584		0	0.25230E-07	476620.0	3743703.5	461.0	3.49	4.00	
3.25	YES								
L0000585		0	0.25230E-07	476619.9	3743694.9	461.0	3.49	4.00	
3.25	YES								
L0000586		0	0.25230E-07	476619.8	3743686.3	461.0	3.49	4.00	
3.25	YES								
L0000587		0	0.25230E-07	476619.6	3743677.8	461.0	3.49	4.00	
3.25	YES								
L0000588		0	0.25230E-07	476619.5	3743669.2	461.0	3.49	4.00	
3.25	YES								
L0000589		0	0.25230E-07	476619.4	3743660.6	461.0	3.49	4.00	
3.25	YES								
L0000590		0	0.25230E-07	476619.3	3743652.0	461.1	3.49	4.00	
3.25	YES								
L0000591		0	0.25230E-07	476619.2	3743643.4	461.4	3.49	4.00	
3.25	YES								
L0000592		0	0.25230E-07	476619.1	3743634.8	461.7	3.49	4.00	
3.25	YES								
L0000593		0	0.25230E-07	476619.0	3743626.2	462.0	3.49	4.00	

3.25	YES							
L0000594		0	0.25230E-07	476618.9	3743617.6	462.3	3.49	4.00
3.25	YES							
L0000595		0	0.25230E-07	476618.7	3743609.0	462.6	3.49	4.00
3.25	YES							
L0000596		0	0.25230E-07	476618.6	3743600.5	462.9	3.49	4.00
3.25	YES							
L0000597		0	0.25230E-07	476618.5	3743591.9	463.1	3.49	4.00
3.25	YES							
L0000598		0	0.25230E-07	476618.4	3743583.3	463.4	3.49	4.00
3.25	YES							
L0000599		0	0.25230E-07	476618.3	3743574.7	463.7	3.49	4.00
3.25	YES							
L0000600		0	0.25230E-07	476618.2	3743566.1	464.0	3.49	4.00
3.25	YES							
L0000601		0	0.25230E-07	476618.1	3743557.5	463.7	3.49	4.00
3.25	YES							
L0000602		0	0.25230E-07	476618.0	3743548.9	463.4	3.49	4.00
3.25	YES							
L0000603		0	0.25230E-07	476617.9	3743540.3	463.1	3.49	4.00
3.25	YES							
L0000604		0	0.25230E-07	476617.9	3743531.7	463.0	3.49	4.00
3.25	YES							
L0000605		0	0.25230E-07	476617.8	3743523.1	463.0	3.49	4.00
3.25	YES							
L0000606		0	0.25230E-07	476617.8	3743514.6	463.0	3.49	4.00
3.25	YES							
L0000607		0	0.25230E-07	476617.7	3743506.0	463.0	3.49	4.00
3.25	YES							
L0000608		0	0.25230E-07	476617.7	3743497.4	463.3	3.49	4.00
3.25	YES							
L0000609		0	0.25230E-07	476617.6	3743488.8	463.6	3.49	4.00
3.25	YES							
L0000610		0	0.25230E-07	476617.5	3743480.2	463.9	3.49	4.00
3.25	YES							
L0000611		0	0.25230E-07	476617.5	3743471.6	464.2	3.49	4.00
3.25	YES							
L0000612		0	0.25230E-07	476617.4	3743463.0	464.4	3.49	4.00
3.25	YES							
L0000613		0	0.25230E-07	476617.4	3743454.4	464.7	3.49	4.00

3.25 YES
 ▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000614		0	0.25230E-07	476617.3	3743445.8	465.0	3.49	4.00	
3.25	YES								
L0000615		0	0.25230E-07	476617.3	3743437.2	465.3	3.49	4.00	
3.25	YES								
L0000616		0	0.25230E-07	476617.2	3743428.7	465.6	3.49	4.00	
3.25	YES								
L0000617		0	0.25230E-07	476617.2	3743420.1	465.9	3.49	4.00	
3.25	YES								
L0000618		0	0.25230E-07	476617.1	3743411.5	466.2	3.49	4.00	
3.25	YES								
L0000619		0	0.25230E-07	476617.0	3743402.9	466.4	3.49	4.00	
3.25	YES								
L0000620		0	0.25230E-07	476617.0	3743394.3	466.7	3.49	4.00	
3.25	YES								
L0000621		0	0.25230E-07	476616.9	3743385.7	467.0	3.49	4.00	
3.25	YES								
L0000622		0	0.25230E-07	476616.9	3743377.1	467.0	3.49	4.00	
3.25	YES								
L0000623		0	0.25230E-07	476616.8	3743368.5	467.1	3.49	4.00	
3.25	YES								
L0000624		0	0.25230E-07	476625.4	3743369.0	466.8	3.49	4.00	
3.25	YES								
L0000625		0	0.25230E-07	476634.0	3743369.6	466.5	3.49	4.00	
3.25	YES								
L0000626		0	0.25230E-07	476642.5	3743370.4	466.2	3.49	4.00	
3.25	YES								
L0000627		0	0.25230E-07	476651.0	3743371.4	466.0	3.49	4.00	
3.25	YES								
L0000628		0	0.25230E-07	476659.6	3743372.5	465.8	3.49	4.00	
3.25	YES								
L0000629		0	0.25230E-07	476668.1	3743373.5	465.7	3.49	4.00	
3.25	YES								
L0000630		0	0.25230E-07	476676.6	3743374.4	465.5	3.49	4.00	
3.25	YES								
L0000631		0	0.25230E-07	476685.2	3743374.7	465.3	3.49	4.00	
3.25	YES								
L0000632		0	0.25230E-07	476693.8	3743375.0	465.2	3.49	4.00	
3.25	YES								
L0000633		0	0.25230E-07	476702.4	3743375.4	465.1	3.49	4.00	

3.25	YES							
L0000634		0	0.25230E-07	476711.0	3743375.8	465.0	3.49	4.00
3.25	YES							
L0000635		0	0.25230E-07	476719.5	3743376.1	464.7	3.49	4.00
3.25	YES							
L0000636		0	0.25230E-07	476728.1	3743376.5	464.4	3.49	4.00
3.25	YES							
L0000637		0	0.25230E-07	476736.7	3743376.9	464.1	3.49	4.00
3.25	YES							
L0000638		0	0.25230E-07	476745.3	3743377.2	463.8	3.49	4.00
3.25	YES							
L0000639		0	0.25230E-07	476753.9	3743377.5	463.5	3.49	4.00
3.25	YES							
L0000640		0	0.25230E-07	476762.5	3743377.6	463.2	3.49	4.00
3.25	YES							
L0000641		0	0.25230E-07	476771.1	3743377.8	463.0	3.49	4.00
3.25	YES							
L0000642		0	0.25230E-07	476779.6	3743377.9	463.0	3.49	4.00
3.25	YES							
L0000643		0	0.25230E-07	476788.2	3743378.0	462.3	3.49	4.00
3.25	YES							
L0000644		0	0.25230E-07	476796.8	3743378.1	462.3	3.49	4.00
3.25	YES							
L0000645		0	0.25230E-07	476805.4	3743378.2	462.2	3.49	4.00
3.25	YES							
L0000646		0	0.25230E-07	476814.0	3743378.3	462.1	3.49	4.00
3.25	YES							
L0000647		0	0.25230E-07	476822.6	3743378.3	462.1	3.49	4.00
3.25	YES							
L0000648		0	0.25230E-07	476831.2	3743378.4	462.0	3.49	4.00
3.25	YES							
L0000649		0	0.25230E-07	476839.8	3743378.5	462.0	3.49	4.00
3.25	YES							
L0000650		0	0.25230E-07	476848.4	3743378.6	462.0	3.49	4.00
3.25	YES							
L0000651		0	0.25230E-07	476857.0	3743378.7	462.0	3.49	4.00
3.25	YES							
L0000652		0	0.25230E-07	476865.5	3743378.7	461.9	3.49	4.00
3.25	YES							
L0000653		0	0.25230E-07	476874.1	3743378.8	461.6	3.49	4.00

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000654		0	0.25230E-07	476882.7	3743378.8	461.4	3.49	4.00	
3.25	YES								
L0000655		0	0.25230E-07	476891.3	3743378.9	461.2	3.49	4.00	
3.25	YES								
L0000656		0	0.25230E-07	476899.9	3743379.0	461.2	3.49	4.00	
3.25	YES								
L0000657		0	0.25230E-07	476908.5	3743379.0	461.1	3.49	4.00	
3.25	YES								
L0000658		0	0.25230E-07	476917.1	3743379.1	461.0	3.49	4.00	
3.25	YES								
L0000659		0	0.25230E-07	476925.7	3743379.1	461.0	3.49	4.00	
3.25	YES								
L0000660		0	0.25230E-07	476934.3	3743379.2	461.0	3.49	4.00	
3.25	YES								
L0000661		0	0.25230E-07	476942.9	3743379.2	461.0	3.49	4.00	
3.25	YES								
L0000662		0	0.25230E-07	476951.4	3743379.3	461.0	3.49	4.00	
3.25	YES								
L0000663		0	0.25230E-07	476960.0	3743379.3	460.7	3.49	4.00	
3.25	YES								
L0000664		0	0.27280E-07	476722.8	3744185.4	459.6	3.49	6.51	
3.25	YES								
L0000665		0	0.27280E-07	476722.3	3744199.4	459.5	3.49	6.51	
3.25	YES								
L0000666		0	0.27280E-07	476721.8	3744213.4	459.3	3.49	6.51	
3.25	YES								
L0000667		0	0.27280E-07	476721.3	3744227.4	459.0	3.49	6.51	
3.25	YES								
L0000668		0	0.27280E-07	476720.4	3744241.3	458.8	3.49	6.51	
3.25	YES								
L0000669		0	0.27280E-07	476717.6	3744255.1	458.8	3.49	6.51	
3.25	YES								
L0000670		0	0.27280E-07	476714.8	3744268.8	458.8	3.49	6.51	
3.25	YES								
L0000671		0	0.27280E-07	476712.0	3744282.5	458.9	3.49	6.51	
3.25	YES								
L0000672		0	0.27280E-07	476708.9	3744296.1	459.0	3.49	6.51	
3.25	YES								
L0000673		0	0.27280E-07	476703.4	3744309.0	459.2	3.49	6.51	

3.25	YES							
L0000674		0	0.27280E-07	476697.9	3744321.9	459.3	3.49	6.51
3.25	YES							
L0000675		0	0.27280E-07	476692.4	3744334.8	459.2	3.49	6.51
3.25	YES							
L0000676		0	0.27280E-07	476686.9	3744347.6	459.0	3.49	6.51
3.25	YES							
L0000677		0	0.27280E-07	476678.7	3744358.9	459.0	3.49	6.51
3.25	YES							
L0000678		0	0.27280E-07	476670.1	3744370.0	459.3	3.49	6.51
3.25	YES							
L0000679		0	0.27280E-07	476661.5	3744381.0	459.5	3.49	6.51
3.25	YES							
L0000680		0	0.27280E-07	476652.1	3744391.3	459.5	3.49	6.51
3.25	YES							
L0000681		0	0.27280E-07	476642.0	3744401.0	459.4	3.49	6.51
3.25	YES							
L0000682		0	0.27280E-07	476631.8	3744410.6	459.6	3.49	6.51
3.25	YES							
L0000683		0	0.27280E-07	476621.7	3744420.3	459.9	3.49	6.51
3.25	YES							
L0000684		0	0.27280E-07	476611.4	3744429.7	460.0	3.49	6.51
3.25	YES							
L0000685		0	0.27280E-07	476599.9	3744437.7	460.0	3.49	6.51
3.25	YES							
L0000686		0	0.27280E-07	476588.4	3744445.7	460.1	3.49	6.51
3.25	YES							
L0000687		0	0.27280E-07	476576.9	3744453.8	460.4	3.49	6.51
3.25	YES							
L0000688		0	0.27280E-07	476565.4	3744461.8	460.8	3.49	6.51
3.25	YES							
L0000689		0	0.27280E-07	476554.0	3744469.8	461.0	3.49	6.51
3.25	YES							
L0000690		0	0.27280E-07	476542.5	3744477.8	461.0	3.49	6.51
3.25	YES							
L0000691		0	0.27280E-07	476531.0	3744485.8	461.0	3.49	6.51
3.25	YES							
L0000692		0	0.27280E-07	476519.5	3744493.8	461.3	3.49	6.51
3.25	YES							
L0000693		0	0.27280E-07	476508.0	3744501.8	461.6	3.49	6.51

3.25 YES
 ▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000694		0	0.27280E-07	476496.6	3744509.8	461.6	3.49	6.51	
3.25	YES								
L0000695		0	0.27280E-07	476485.1	3744517.8	461.6	3.49	6.51	
3.25	YES								
L0000696		0	0.27280E-07	476473.6	3744525.9	461.9	3.49	6.51	
3.25	YES								
L0000697		0	0.27280E-07	476462.1	3744533.9	462.0	3.49	6.51	
3.25	YES								
L0000698		0	0.27280E-07	476450.6	3744541.9	462.0	3.49	6.51	
3.25	YES								
L0000699		0	0.27280E-07	476439.1	3744549.9	462.0	3.49	6.51	
3.25	YES								
L0000700		0	0.27280E-07	476427.7	3744557.9	462.0	3.49	6.51	
3.25	YES								
L0000701		0	0.27280E-07	476416.2	3744565.9	462.0	3.49	6.51	
3.25	YES								
L0000702		0	0.27280E-07	476404.7	3744573.9	462.2	3.49	6.51	
3.25	YES								
L0000703		0	0.27280E-07	476393.2	3744581.9	462.6	3.49	6.51	
3.25	YES								
L0000704		0	0.27280E-07	476381.7	3744589.9	462.9	3.49	6.51	
3.25	YES								
L0000705		0	0.27280E-07	476370.3	3744597.9	463.0	3.49	6.51	
3.25	YES								
L0000706		0	0.27280E-07	476358.8	3744606.0	463.0	3.49	6.51	
3.25	YES								
L0000707		0	0.27280E-07	476362.5	3744616.5	463.0	3.49	6.51	
3.25	YES								
L0000708		0	0.27280E-07	476370.8	3744627.8	462.7	3.49	6.51	
3.25	YES								
L0000709		0	0.27280E-07	476379.0	3744639.1	462.3	3.49	6.51	
3.25	YES								
L0000710		0	0.27280E-07	476387.8	3744650.0	462.0	3.49	6.51	
3.25	YES								
L0000711		0	0.27280E-07	476397.1	3744660.5	462.0	3.49	6.51	
3.25	YES								
L0000712		0	0.27280E-07	476406.3	3744671.0	462.0	3.49	6.51	
3.25	YES								
L0000713		0	0.27280E-07	476415.5	3744681.6	461.8	3.49	6.51	

3.25	YES							
L0000714		0	0.27280E-07	476424.7	3744692.1	461.5	3.49	6.51
3.25	YES							
L0000715		0	0.27280E-07	476435.1	3744701.5	461.2	3.49	6.51
3.25	YES							
L0000716		0	0.27280E-07	476445.5	3744710.9	460.8	3.49	6.51
3.25	YES							
L0000717		0	0.27280E-07	476455.8	3744720.3	460.7	3.49	6.51
3.25	YES							
L0000718		0	0.27280E-07	476467.0	3744728.8	460.8	3.49	6.51
3.25	YES							
L0000719		0	0.27280E-07	476478.5	3744736.8	460.7	3.49	6.51
3.25	YES							
L0000720		0	0.27280E-07	476490.0	3744744.8	460.2	3.49	6.51
3.25	YES							
L0000721		0	0.27280E-07	476501.8	3744752.3	460.0	3.49	6.51
3.25	YES							
L0000722		0	0.27280E-07	476514.0	3744759.1	460.0	3.49	6.51
3.25	YES							
L0000723		0	0.27280E-07	476526.2	3744765.9	460.0	3.49	6.51
3.25	YES							
L0000724		0	0.27280E-07	476538.4	3744772.7	459.7	3.49	6.51
3.25	YES							
L0000725		0	0.27280E-07	476551.2	3744778.5	459.3	3.49	6.51
3.25	YES							
L0000726		0	0.27280E-07	476564.2	3744783.5	458.9	3.49	6.51
3.25	YES							
L0000727		0	0.27280E-07	476577.3	3744788.5	458.4	3.49	6.51
3.25	YES							
L0000728		0	0.27280E-07	476590.4	3744793.5	458.0	3.49	6.51
3.25	YES							
L0000729		0	0.27280E-07	476603.5	3744798.4	458.0	3.49	6.51
3.25	YES							
L0000730		0	0.27280E-07	476616.6	3744803.3	458.0	3.49	6.51
3.25	YES							
L0000731		0	0.27280E-07	476629.7	3744808.2	457.9	3.49	6.51
3.25	YES							
L0000732		0	0.27280E-07	476642.8	3744813.2	457.6	3.49	6.51
3.25	YES							
L0000733		0	0.27280E-07	476655.9	3744818.1	457.2	3.49	6.51

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000734		0	0.27280E-07	476669.0	3744823.0	457.0	3.49	6.51	
3.25	YES								
L0000735		0	0.27280E-07	476682.1	3744827.9	457.0	3.49	6.51	
3.25	YES								
L0000736		0	0.27280E-07	476695.2	3744832.8	457.0	3.49	6.51	
3.25	YES								
L0000737		0	0.27280E-07	476708.4	3744837.7	457.0	3.49	6.51	
3.25	YES								
L0000738		0	0.27280E-07	476721.5	3744842.6	457.0	3.49	6.51	
3.25	YES								
L0000739		0	0.27280E-07	476734.6	3744847.5	457.0	3.49	6.51	
3.25	YES								
L0000740		0	0.27280E-07	476747.7	3744852.3	457.0	3.49	6.51	
3.25	YES								
L0000741		0	0.27280E-07	476760.9	3744857.2	457.0	3.49	6.51	
3.25	YES								
L0000742		0	0.27280E-07	476774.0	3744862.1	457.0	3.49	6.51	
3.25	YES								
L0000743		0	0.27280E-07	476787.1	3744866.9	457.0	3.49	6.51	
3.25	YES								
L0000744		0	0.27280E-07	476800.2	3744871.8	456.0	3.49	6.51	
3.25	YES								
L0000745		0	0.27280E-07	476813.4	3744876.7	456.0	3.49	6.51	
3.25	YES								
L0000746		0	0.27280E-07	476826.5	3744881.5	456.0	3.49	6.51	
3.25	YES								
L0000747		0	0.27280E-07	476839.6	3744886.4	456.0	3.49	6.51	
3.25	YES								
L0000748		0	0.27280E-07	476852.8	3744891.3	456.0	3.49	6.51	
3.25	YES								
L0000749		0	0.30790E-07	476982.0	3743371.7	460.4	3.49	6.51	
3.25	YES								
L0000750		0	0.30790E-07	476986.3	3743358.4	460.7	3.49	6.51	
3.25	YES								
L0000751		0	0.30790E-07	476990.5	3743345.0	460.6	3.49	6.51	
3.25	YES								
L0000752		0	0.30790E-07	476994.8	3743331.7	460.5	3.49	6.51	
3.25	YES								
L0000753		0	0.30790E-07	476999.1	3743318.4	460.4	3.49	6.51	

3.25	YES							
L0000754		0	0.30790E-07	477003.4	3743305.0	460.2	3.49	6.51
3.25	YES							
L0000755		0	0.30790E-07	477007.6	3743291.7	460.1	3.49	6.51
3.25	YES							
L0000756		0	0.30790E-07	477011.9	3743278.4	460.0	3.49	6.51
3.25	YES							
L0000757		0	0.30790E-07	477016.2	3743265.0	460.0	3.49	6.51
3.25	YES							
L0000758		0	0.30790E-07	477020.5	3743251.7	460.3	3.49	6.51
3.25	YES							
L0000759		0	0.30790E-07	477024.7	3743238.4	460.5	3.49	6.51
3.25	YES							
L0000760		0	0.30790E-07	477029.0	3743225.0	460.4	3.49	6.51
3.25	YES							
L0000761		0	0.30790E-07	477033.3	3743211.7	460.2	3.49	6.51
3.25	YES							
L0000762		0	0.30790E-07	477037.6	3743198.4	460.1	3.49	6.51
3.25	YES							
L0000763		0	0.30790E-07	477041.8	3743185.0	460.0	3.49	6.51
3.25	YES							
L0000764		0	0.30790E-07	477046.1	3743171.7	460.0	3.49	6.51
3.25	YES							
L0000765		0	0.30790E-07	477050.6	3743158.5	460.0	3.49	6.51
3.25	YES							
L0000766		0	0.30790E-07	477055.2	3743145.2	460.0	3.49	6.51
3.25	YES							
L0000767		0	0.30790E-07	477059.7	3743132.0	460.0	3.49	6.51
3.25	YES							
L0000768		0	0.30790E-07	477064.3	3743118.7	460.0	3.49	6.51
3.25	YES							
L0000769		0	0.30790E-07	477068.8	3743105.5	460.0	3.49	6.51
3.25	YES							
L0000770		0	0.30790E-07	477073.3	3743092.2	460.0	3.49	6.51
3.25	YES							
L0000771		0	0.30790E-07	477077.9	3743079.0	460.0	3.49	6.51
3.25	YES							
L0000772		0	0.30790E-07	477082.7	3743065.9	460.0	3.49	6.51
3.25	YES							
L0000773		0	0.30790E-07	477087.8	3743052.8	460.0	3.49	6.51

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000774		0	0.30790E-07	477092.9	3743039.8	460.0	3.49	6.51	
3.25	YES								
L0000775		0	0.30790E-07	477098.0	3743026.8	460.0	3.49	6.51	
3.25	YES								
L0000776		0	0.30790E-07	477103.1	3743013.7	459.9	3.49	6.51	
3.25	YES								
L0000777		0	0.30790E-07	477108.2	3743000.7	459.7	3.49	6.51	
3.25	YES								
L0000778		0	0.30790E-07	477113.3	3742987.6	459.6	3.49	6.51	
3.25	YES								
L0000779		0	0.30790E-07	477118.4	3742974.6	459.4	3.49	6.51	
3.25	YES								
L0000780		0	0.30790E-07	477123.3	3742961.5	459.2	3.49	6.51	
3.25	YES								
L0000781		0	0.30790E-07	477128.1	3742948.3	459.1	3.49	6.51	
3.25	YES								
L0000782		0	0.30790E-07	477132.9	3742935.2	459.0	3.49	6.51	
3.25	YES								
L0000783		0	0.30790E-07	477137.7	3742922.0	459.4	3.49	6.51	
3.25	YES								
L0000784		0	0.30790E-07	477142.5	3742908.9	459.5	3.49	6.51	
3.25	YES								
L0000785		0	0.30790E-07	477147.3	3742895.7	459.4	3.49	6.51	
3.25	YES								
L0000786		0	0.30790E-07	477152.1	3742882.6	459.3	3.49	6.51	
3.25	YES								
L0000787		0	0.30790E-07	477156.9	3742869.4	459.1	3.49	6.51	
3.25	YES								
L0000788		0	0.30790E-07	477161.7	3742856.3	458.9	3.49	6.51	
3.25	YES								
L0000789		0	0.30790E-07	477166.5	3742843.1	458.8	3.49	6.51	
3.25	YES								
L0000790		0	0.30790E-07	477171.3	3742830.0	458.8	3.49	6.51	
3.25	YES								
L0000791		0	0.30790E-07	477176.1	3742816.8	459.0	3.49	6.51	
3.25	YES								
L0000792		0	0.30790E-07	477180.9	3742803.7	459.1	3.49	6.51	
3.25	YES								
L0000793		0	0.30790E-07	477185.6	3742790.5	459.1	3.49	6.51	

3.25	YES							
L0000794		0	0.30790E-07	477190.1	3742777.2	459.0	3.49	6.51
3.25	YES							
L0000795		0	0.30790E-07	477194.5	3742763.9	458.9	3.49	6.51
3.25	YES							
L0000796		0	0.30790E-07	477198.9	3742750.6	458.7	3.49	6.51
3.25	YES							
L0000797		0	0.30790E-07	477203.3	3742737.4	458.6	3.49	6.51
3.25	YES							
L0000798		0	0.30790E-07	477207.8	3742724.1	458.4	3.49	6.51
3.25	YES							
L0000799		0	0.30790E-07	477212.2	3742710.8	458.6	3.49	6.51
3.25	YES							
L0000800		0	0.30790E-07	477216.6	3742697.5	459.0	3.49	6.51
3.25	YES							
L0000801		0	0.30790E-07	477221.0	3742684.2	459.0	3.49	6.51
3.25	YES							
L0000802		0	0.30790E-07	477225.5	3742671.0	458.8	3.49	6.51
3.25	YES							
L0000803		0	0.30790E-07	477229.8	3742657.6	458.7	3.49	6.51
3.25	YES							
L0000804		0	0.30790E-07	477233.7	3742644.2	458.5	3.49	6.51
3.25	YES							
L0000805		0	0.30790E-07	477237.6	3742630.8	458.4	3.49	6.51
3.25	YES							
L0000806		0	0.30790E-07	477241.0	3742617.2	458.3	3.49	6.51
3.25	YES							
L0000807		0	0.30790E-07	477242.4	3742603.3	458.2	3.49	6.51
3.25	YES							
L0000808		0	0.30790E-07	477243.8	3742589.4	458.2	3.49	6.51
3.25	YES							
L0000809		0	0.30790E-07	477243.1	3742575.4	458.2	3.49	6.51
3.25	YES							
L0000810		0	0.30790E-07	477256.3	3742574.7	458.0	3.49	6.51
3.25	YES							
L0000811		0	0.30790E-07	477270.3	3742574.8	458.0	3.49	6.51
3.25	YES							
L0000812		0	0.30790E-07	477284.3	3742574.8	457.9	3.49	6.51
3.25	YES							
L0000813		0	0.30790E-07	477298.3	3742574.9	457.4	3.49	6.51

3.25 YES
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0000814		0	0.30790E-07	477312.3	3742574.9	456.9	3.49	6.51	
3.25	YES								
L0000815		0	0.30790E-07	477326.3	3742575.0	456.4	3.49	6.51	
3.25	YES								
L0000816		0	0.30790E-07	477340.3	3742575.1	456.0	3.49	6.51	
3.25	YES								
L0000817		0	0.30790E-07	477354.3	3742575.1	456.0	3.49	6.51	
3.25	YES								
L0000818		0	0.30790E-07	477368.3	3742575.2	456.0	3.49	6.51	
3.25	YES								
L0000819		0	0.30790E-07	477382.3	3742575.3	456.0	3.49	6.51	
3.25	YES								
L0000820		0	0.30790E-07	477396.3	3742575.3	456.0	3.49	6.51	
3.25	YES								
L0000821		0	0.30790E-07	477410.3	3742575.4	455.7	3.49	6.51	
3.25	YES								
L0000822		0	0.30790E-07	477424.3	3742575.5	455.2	3.49	6.51	
3.25	YES								
L0000823		0	0.30790E-07	477438.3	3742575.5	454.7	3.49	6.51	
3.25	YES								
L0000824		0	0.30790E-07	477452.3	3742575.6	454.3	3.49	6.51	
3.25	YES								
L0000825		0	0.30790E-07	477466.3	3742575.7	454.0	3.49	6.51	
3.25	YES								
L0000826		0	0.30790E-07	477480.3	3742575.7	454.0	3.49	6.51	
3.25	YES								
L0000827		0	0.30790E-07	477494.3	3742575.8	453.9	3.49	6.51	
3.25	YES								
L0000828		0	0.30790E-07	477508.3	3742575.9	453.4	3.49	6.51	
3.25	YES								
L0000829		0	0.30790E-07	477522.3	3742575.9	453.0	3.49	6.51	
3.25	YES								
L0000830		0	0.30790E-07	477536.3	3742576.0	453.0	3.49	6.51	
3.25	YES								
L0000831		0	0.30790E-07	477550.3	3742576.1	453.0	3.49	6.51	
3.25	YES								
L0000832		0	0.30790E-07	477564.3	3742576.1	452.5	3.49	6.51	
3.25	YES								
L0000833		0	0.30790E-07	477578.3	3742575.9	452.1	3.49	6.51	

3.25	YES							
L0000834		0	0.30790E-07	477592.3	3742575.6	452.0	3.49	6.51
3.25	YES							
L0000835		0	0.30790E-07	477606.3	3742575.2	452.0	3.49	6.51
3.25	YES							
L0000836		0	0.30790E-07	477620.3	3742574.8	451.7	3.49	6.51
3.25	YES							
L0000837		0	0.30790E-07	477634.3	3742574.5	451.2	3.49	6.51
3.25	YES							
L0000838		0	0.30790E-07	477648.3	3742574.1	451.1	3.49	6.51
3.25	YES							
L0000839		0	0.30790E-07	477662.3	3742573.7	451.0	3.49	6.51
3.25	YES							
L0000840		0	0.30790E-07	477676.3	3742573.3	451.0	3.49	6.51
3.25	YES							
L0000841		0	0.30790E-07	477690.3	3742573.0	451.0	3.49	6.51
3.25	YES							
L0000842		0	0.30790E-07	477704.3	3742572.6	450.9	3.49	6.51
3.25	YES							
L0000843		0	0.30790E-07	477718.3	3742572.2	450.4	3.49	6.51
3.25	YES							
L0000844		0	0.30790E-07	477732.2	3742571.9	450.0	3.49	6.51
3.25	YES							
L0000845		0	0.30790E-07	477746.2	3742571.5	450.0	3.49	6.51
3.25	YES							
L0000846		0	0.30790E-07	477760.2	3742571.1	450.0	3.49	6.51
3.25	YES							
L0000847		0	0.30790E-07	477774.2	3742570.7	449.6	3.49	6.51
3.25	YES							
L0000848		0	0.30790E-07	477788.2	3742570.4	449.2	3.49	6.51
3.25	YES							
L0000849		0	0.30790E-07	477802.2	3742570.0	449.1	3.49	6.51
3.25	YES							
L0000850		0	0.30790E-07	477816.2	3742569.6	449.0	3.49	6.51
3.25	YES							
L0000851		0	0.30790E-07	477830.2	3742569.3	448.7	3.49	6.51
3.25	YES							
L0000852		0	0.30790E-07	477844.2	3742568.9	448.4	3.49	6.51

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

ALL	L0000508	,	L0000509	,	L0000510	,	L0000511	,	L0000512	,
L0000513	, L0000514	,	L0000515	,						
	L0000516	,	L0000517	,	L0000518	,	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	,						
	L0000437	,	L0000438	,	L0000439	,	L0000440	,	L0000441	,
L0000442	, L0000443	,	L0000444	,						
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L0000450	, L0000451	,	L0000452	,						
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L0000531	, L0000532	,	L0000533	,						
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L0000539	, L0000540	,	L0000541	,						
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L0000563	, L0000564	,	L0000565	,						
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L0000571	, L0000572	,	L0000573	,						

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L0000579      L0000574      , L0000575      , L0000576      , L0000577      , L0000578      ,
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L0000587      L0000582      , L0000583      , L0000584      , L0000585      , L0000586      ,
, L0000588      , L0000589      ,
L0000595      L0000590      , L0000591      , L0000592      , L0000593      , L0000594      ,
, L0000596      , L0000597      ,
L0000603      L0000598      , L0000599      , L0000600      , L0000601      , L0000602      ,
, L0000604      , L0000605      ,
L0000611      L0000606      , L0000607      , L0000608      , L0000609      , L0000610      ,
, L0000612      , L0000613      ,
▲ *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14614
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
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L0000619	L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , , L0000620 , L0000621 ,
L0000627	L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , , L0000628 , L0000629 ,
L0000635	L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , , L0000636 , L0000637 ,
L0000643	L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , , L0000644 , L0000645 ,
L0000651	L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , , L0000652 , L0000653 ,
L0000659	L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , , L0000660 , L0000661 ,
L0000667	L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , , L0000668 , L0000669 ,

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 , L0000700 , L0000701 ,

 L0000707 L0000702 , L0000703 , L0000704 , L0000705 , L0000706 ,
 , L0000708 , L0000709 ,

 L0000715 L0000710 , L0000711 , L0000712 , L0000713 , L0000714 ,
 , L0000716 , L0000717 ,

 L0000723 L0000718 , L0000719 , L0000720 , L0000721 , L0000722 ,
 , L0000724 , L0000725 ,

 L0000731 L0000726 , L0000727 , L0000728 , L0000729 , L0000730 ,
 , L0000732 , L0000733 ,

 L0000739 L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,
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 L0000747 L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,
 , L0000748 , L0000749 ,

 L0000755 L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,
 , L0000756 , L0000757 ,

 L0000763 L0000758 , L0000759 , L0000760 , L0000761 , L0000762 ,
 , L0000764 , L0000765 ,

 L0000771 L0000766 , L0000767 , L0000768 , L0000769 , L0000770 ,
 , L0000772 , L0000773 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0000779 L0000774 , L0000775 , L0000776 , L0000777 , L0000778 ,
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 L0000787 L0000782 , L0000783 , L0000784 , L0000785 , L0000786 ,
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 L0000795 L0000790 , L0000791 , L0000792 , L0000793 , L0000794 ,
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 L0000803 L0000798 , L0000799 , L0000800 , L0000801 , L0000802 ,
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 , L0000820 , L0000821 ,

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 , L0000828 , L0000829 ,

 L0000835 L0000830 , L0000831 , L0000832 , L0000833 , L0000834 ,
 , L0000836 , L0000837 ,

 L0000843 L0000838 , L0000839 , L0000840 , L0000841 , L0000842 ,
 , L0000844 , L0000845 ,

 L0000851 L0000846 , L0000847 , L0000848 , L0000849 , L0000850 ,
 , L0000852 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

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L0000515 , L0000513 , L0000514 ,
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L0000410 L0000405 , L0000406 , L0000407 , L0000408 , L0000409 ,
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L0000419 , L0000420 ,

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 L0000590 , L0000591 , L0000592 , L0000593 , L0000594 ,
 L0000595 , L0000596 , L0000597 ,
 L0000598 , L0000599 , L0000600 , L0000601 , L0000602 ,
 L0000603 , L0000604 , L0000605 ,
 L0000606 , L0000607 , L0000608 , L0000609 , L0000610 ,
 L0000611 , L0000612 , L0000613 ,
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000619	L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 ,	
L0000627	L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 ,	
L0000635	L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 ,	
L0000643	L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 ,	
L0000651	L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 , L0000652 , L0000653 ,	
L0000659	L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 ,	
L0000667	L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 ,	
L0000675	L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 ,	

L0000683 L0000678 , L0000679 , L0000680 , L0000681 , L0000682 ,
 , L0000684 , L0000685 ,

 L0000691 L0000686 , L0000687 , L0000688 , L0000689 , L0000690 ,
 , L0000692 , L0000693 ,

 L0000699 L0000694 , L0000695 , L0000696 , L0000697 , L0000698 ,
 , L0000700 , L0000701 ,

 L0000707 L0000702 , L0000703 , L0000704 , L0000705 , L0000706 ,
 , L0000708 , L0000709 ,

 L0000715 L0000710 , L0000711 , L0000712 , L0000713 , L0000714 ,
 , L0000716 , L0000717 ,

 L0000723 L0000718 , L0000719 , L0000720 , L0000721 , L0000722 ,
 , L0000724 , L0000725 ,

 L0000731 L0000726 , L0000727 , L0000728 , L0000729 , L0000730 ,
 , L0000732 , L0000733 ,

 L0000739 L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,
 , L0000740 , L0000741 ,

 L0000747 L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,
 , L0000748 , L0000749 ,

 L0000755 L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,
 , L0000756 , L0000757 ,

 L0000763 L0000758 , L0000759 , L0000760 , L0000761 , L0000762 ,
 , L0000764 , L0000765 ,

 L0000771 L0000766 , L0000767 , L0000768 , L0000769 , L0000770 ,
 , L0000772 , L0000773 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

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*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000508 , L0000509
 , L0000510 , L0000511 , L0000512 ,
 L0000513 , L0000514 , L0000515 , L0000516 , L0000517
 , L0000518 , L0000400 , L0000401 ,
 L0000402 , L0000403 , L0000404 , L0000405 , L0000406
 , L0000407 , L0000408 , L0000409 ,
 L0000410 , L0000411 , L0000412 , L0000413 , L0000414
 , L0000415 , L0000416 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
476554.97	3743987.40	0.00169	476525.71
3743992.89	0.00198		
476555.05	3744009.62	0.00118	476525.46
3744010.51	0.00142		
476555.94	3744029.15	0.00092	476555.05
3744068.22	0.00062		
476636.89	3744100.39	0.00052	476605.73
3744097.39	0.00058		
476590.01	3744078.68	0.00056	476555.57
3744107.39	0.00046		
476555.66	3744127.74	0.00040	476803.87
3744033.33	0.00019		
476746.99	3744164.79	0.00025	476480.55
3744077.05	0.00064		
476416.51	3743764.93	0.00050	476167.15
3743954.44	0.00016		
476174.75	3744055.45	0.00015	476805.25
3744095.09	0.00017		
476589.65	3743470.03	0.00033	475990.86
3743566.97	0.00006		
476185.29	3743342.97	0.00006	475986.11

3743375.86	0.00004			
477122.17	3744260.69	0.00006		477082.53
3744330.56	0.00006			
477062.51	3744346.66	0.00006		477060.54
3744373.35	0.00006			
477367.13	3744230.85	0.00004		476194.48
3743288.06	0.00005			
476433.77	3745002.38	0.00004		475767.40
3744637.61	0.00003			
475782.04	3744693.73	0.00003		476281.92
3745001.35	0.00004			
475778.21	3744425.00	0.00003		476603.88
3743780.14	0.00080			

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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

**

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

ALL	1ST HIGHEST VALUE IS	0.00198 AT (	476525.71, 3743992.89,
463.11,	463.11, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00169 AT (	476554.97, 3743987.40,
463.00,	463.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00142 AT (	476525.46, 3744010.51,
463.03,	463.03, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00118 AT (	476555.05, 3744009.62,
463.00,	463.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00092 AT (	476555.94, 3744029.15,
463.00,	463.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00080 AT (	476603.88, 3743780.14,
461.00,	461.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00064 AT (	476480.55, 3744077.05,
463.64,	463.64, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00062 AT (	476555.05, 3744068.22,

463.00, 463.00, 0.00) DC
9TH HIGHEST VALUE IS 0.00058 AT (476605.73, 3744097.39,
462.00, 462.00, 0.00) DC
10TH HIGHEST VALUE IS 0.00056 AT (476590.01, 3744078.68,
462.00, 462.00, 0.00) DC

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

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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 1018 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 1018 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 ***

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APPENDIX 2.4:

RISK CALCULATIONS

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)
		0.03993	3.99E-05		1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-05	2.1E-06	5.0E+00	1.4E-03	8.0E-03					
TOTAL								2.1E-06		8.0E-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

2.08

** 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)	175
exposure duration (years)	0.66
inhalation rate (L/kg-day)	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (0 to 2 years old)	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)
	0.00198	1.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	3.5E-07	5.0E+00	1.4E-03	4.0E-04							
TOTAL					3.5E-07				4.0E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

0.35

** 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)	1.34
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)	
		0.00198	1.98E-06		1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.9E-07	5.0E+00	1.4E-03	4.0E-04						
TOTAL					4.9E-07				4.0E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00										

0.49

** 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)	14.00
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) ⁻¹ (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)	
		0.00198			1.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.0E-07	7.6E-08	5.0E+00	1.4E-03	4.0E-04					
TOTAL								7.6E-08			4.0E-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

0.08

** 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) 3.00

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)
		0.00198	1.98E-06		1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.9E-07	2.2E-08	5.0E+00	1.4E-03	4.0E-04					
TOTAL					2.2E-08				4.0E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (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)	
		0.00198	1.98E-06		1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	5.3E-07	5.0E+00	1.4E-03	4.0E-04						
TOTAL					5.3E-07				4.0E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00										

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (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)
		0.00198	1.98E-06		1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.9E-07	5.0E+00	1.4E-03	4.0E-04					
TOTAL					4.9E-07				4.0E-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) ⁻¹ (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)
		0.00198			1.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.0E-07	7.6E-08	5.0E+00	1.4E-03	4.0E-04				
TOTAL								7.6E-08			4.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.08

** 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) 1.12

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

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**										
		(ug/m ³)	(mg/m ³)			URF	CPF	DOSE	RISK	REL	R/D	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES	
		(b)	(c)			(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	
1	Diesel Particulates	8.00E-04	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	4.7E-08	5.0E+00	1.4E-03	1.6E-04								
TOTAL									4.7E-08			1.6E-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
									0.05											

** 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	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**												
		(ug/m ³)	(mg/m ³)			URF	CPF	DOSE	RISK	REL	RID	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES			
		(b)	(c)			(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)			
1	Diesel Particulates	6.00E-05	6.00E-08	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-08	6.9E-09	5.0E+00	1.4E-03	1.2E-05										
TOTAL									6.9E-09			1.2E-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	0.0E+00	
									0.01													

** 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		

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