



**Rider & Patterson Business Center
(PPT220004)
MOBILE SOURCE HEALTH RISK ASSESSMENT
COUNTY OF RIVERSIDE**

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LIST OF ABBREVIATED TERMS

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

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EXECUTIVE SUMMARY

This report evaluates the potential 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 R5 which is located immediately adjacent to the west of the Project site at an existing residence located at 23246 Sunny Canyon Street. R5 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 1.41 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The 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 R6 which is located adjacent to the west of the Project site at an existing residence located at 23249 Norrisgrove Drive. R6 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 0.98 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. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The 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 R7, which represents the adjacent potential worker receptor approximately 256 feet northeast of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.07 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 Small Wonder Family Childcare, located approximately 182 feet west of the Project site at Location R8. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.09 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions combined is Location R5. It should be noted that although Location R6 has the greatest potential exposure to Project operational-source emissions, Location R5 has the greatest potential exposure to Project construction-source emissions and would experience the greatest potential exposure to construction- and operational-source emissions combined. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 1.87 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. 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.

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.

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
1.51 Year Exposure	Maximum Exposed Sensitive Receptor	1.41	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	0.98	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.07	10	NO
9 Year Exposure	Maximum Exposed Individual School Child	0.09	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	1.87	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

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

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

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

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

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

1.1 SITE LOCATION

The proposed Project is located on the southwest corner of Patterson Avenue and Rider Street in the County of Riverside, as shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

The proposed Project by Western RealCo consists of applications for a General Plan Amendment (GPA220003), Change of Zone (CZ2200003), Tentative Parcel Map (TPM38337) and a Plot Plan (PPT220004) for a ±40.88-acre property located at the southwest corner of Rider Street and Patterson Avenue in the Mead Valley community of unincorporated Riverside County. GPA220003 is a proposal to change the General Plan land use designation of ±36.0 acres of the property from “Community Development – Medium Density Residential (CD-MDR)” to “Community Development – Light Industrial (LI).” CZ2200003 is a proposal to change the zoning classification of ±36.0 acres of the property from “One-Family Dwellings (R-1),” “Light Agriculture (A-1-1),” and “Rural Residential (R-R-1)” to “Industrial Park (I-P).” TPM38337 is a proposal to consolidate the existing eight parcels into one ±36.0-acre parcel (Parcel 1), three residential parcels (Lot A (±1.16 acres), Lot C (±0.21 acres), and Lot E (±0.23 acres), and two parcels to accommodate roadway cul-de-sacs (Lot B [±0.23 acres]; Wildwood Lane) and Lot D (± 0.20 acres; Sunny Canyon Street)). The remaining site acreage (±2.85 acres) would be dedicated to the County for public road improvements along the Project site’s frontages with Rider Street, Patterson Avenue, and Walnut Street. PPT220004 is a proposal to entitle Parcel 1 for development with a 591,203 square foot (sf) shell building, which would include 7,300-sf of ground floor office space, 7,300-sf of mezzanine office space, and 576,603-sf of warehouse space, as shown on Exhibit 1-B. Per the proposed Parking Plan, a total of 364 parking stalls, approximately 591,203-sf, will be provided on site. A total of 84 truck docking doors are proposed, positioned on the northern and southern sides of the building. Approximately 6.0 acres of Parcel 1 along the western parcel boundary would consist of a landscaped berm forming a buffer between the proposed building and an existing residential community to the west. Frontage improvements would occur along Patterson Avenue, Walnut Street, and Rider Street, with a sidewalk and community trail proposed along Patterson Avenue and Walnut Street and a sidewalk proposed along Rider Street. Construction of the Project is expected to commence in February 2024 and would last through August 2025. The anticipated Project opening year is 2025. The Project does not propose a cold storage use and therefore is not expected to generate Transport Refrigeration Units (TRUs).

The associated APNs, land use and zoning designation for the Project are as follows:

- 317-210-018 on 32.53 acres has an existing General Plan Land Use designation of MDR and zoning designation of R-1-1. The Project proposes a General Plan Land Use designation of LI and zoning designation of IP.
- 317-210-006 on 1.23 acres has an existing General Plan Land Use designation of MDR and zoning designation of A-1-1. The Project proposes a General Plan Land Use designation of LI and zoning designation of IP.

- 317-210-011 on 1.46 acres has an existing General Plan Land Use designation of MDR and zoning designation of A-1-1. The Project proposes a General Plan Land Use designation of LI and zoning designation of IP.
- 317-210-010 on 2.00 acres has an existing General Plan Land Use designation of MDR and zoning designation of R-1-1. The Project proposes a General Plan Land Use designation of LI and zoning designation of IP.
- 317-210-024 on 0.38 acres has an existing General Plan Land Use designation of MDR and zoning designation of R-1-1. The Project proposes a General Plan Land Use designation of LI and zoning designation of IP.
- 317-210-008 on 1.05 acres has an existing General Plan Land Use designation of MDR and zoning designation of R-1-1. The Project proposes a General Plan Land Use designation of LI and zoning designation of IP.
- 317-120-023 on 0.39 acres has an existing General Plan Land Use designation of MDR and zoning designation of R-1. The Project does not propose a General Plan Land Use or zoning designation.
- 317-210-022 on 1.05 acres has an existing General Plan Land Use designation of MDR and zoning designation of R-1. The Project does not propose a General Plan Land Use or zoning designation.

EXHIBIT 1-A: LOCATION MAP

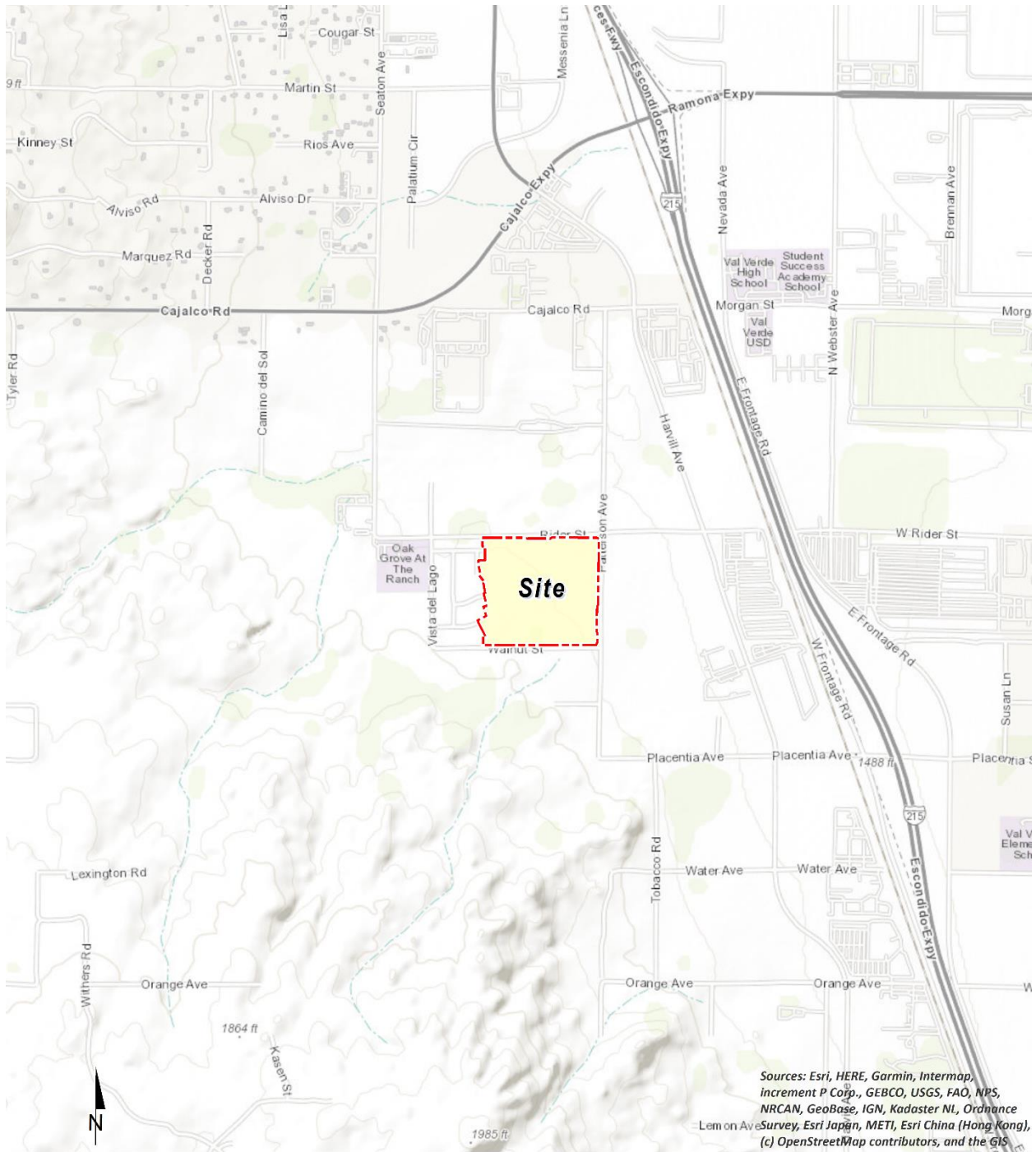
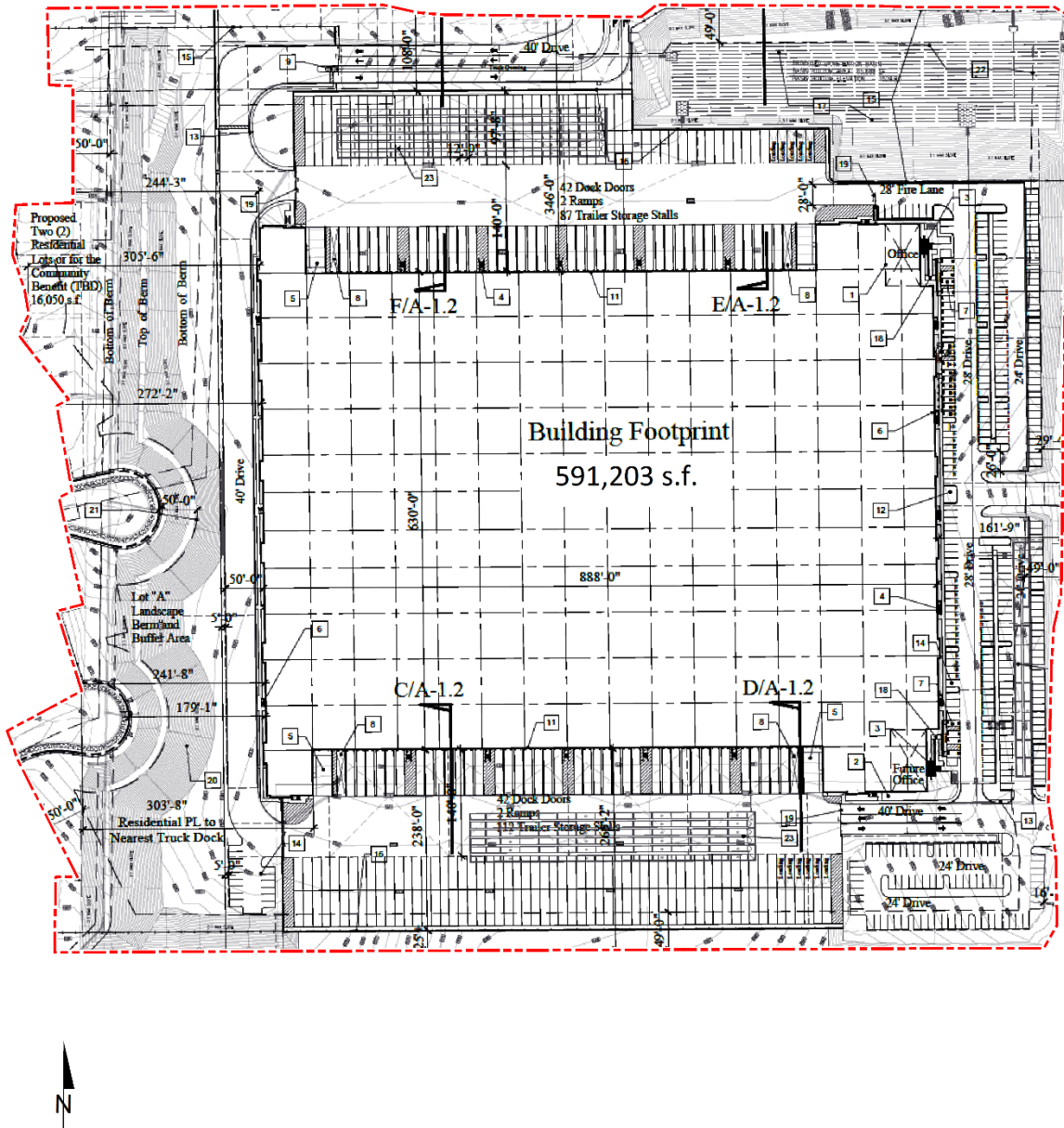


EXHIBIT 1-B: SITE PLAN



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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.² 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 *Rider & Patterson Business Center 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 heavy-duty construction equipment that would be operating on-site.

As discussed in the technical study, the Project would result in approximately 395 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.

² 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.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	02/01/2024	02/14/2024	10
Site Preparation	02/15/2024	03/13/2024	20
Grading	03/14/2024	06/26/2024	75
Building Construction	06/27/2024	08/06/2025	290
Paving	05/22/2025	08/06/2025	55
Architectural Coating	06/19/2025	08/06/2025	35

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Amount	Hours Per Day
Demolition	Concrete/Industrial Saws	2	8
	Excavators	6	8
	Rubber Tired Dozers	4	8
Site Preparation	Rubber Tired Dozers	4	8
	Crawler Tractors	6	8
Graders	Excavators	2	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Scrapers	2	8
	Crawler Tractors	2	8
Building Construction	Cranes	2	8
	Forklifts	5	8
	Generator Sets	2	8
	Welders	2	8
	Crawler Tractors	5	8
Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Air Compressors	2	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



LEGEND:

  Limits of Construction  Receptor Locations  Distance from receptor to limits of construction (in feet)

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.

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2025 EMFAC 2021 run was conducted and a static 2025 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2025 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 2025. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 59.8% diesel, Medium-Heavy-Duty Trucks are comprised of 91.6% diesel, and Heavy-Heavy-Duty Trucks are comprised of 95.1% 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:

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

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

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

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

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

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

TABLE 2-3: 2025 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.05932 (g/idle-hr)
5	0.01801 (g/s)
25	0.00811 (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 ¼ mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (6) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

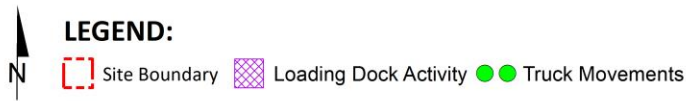
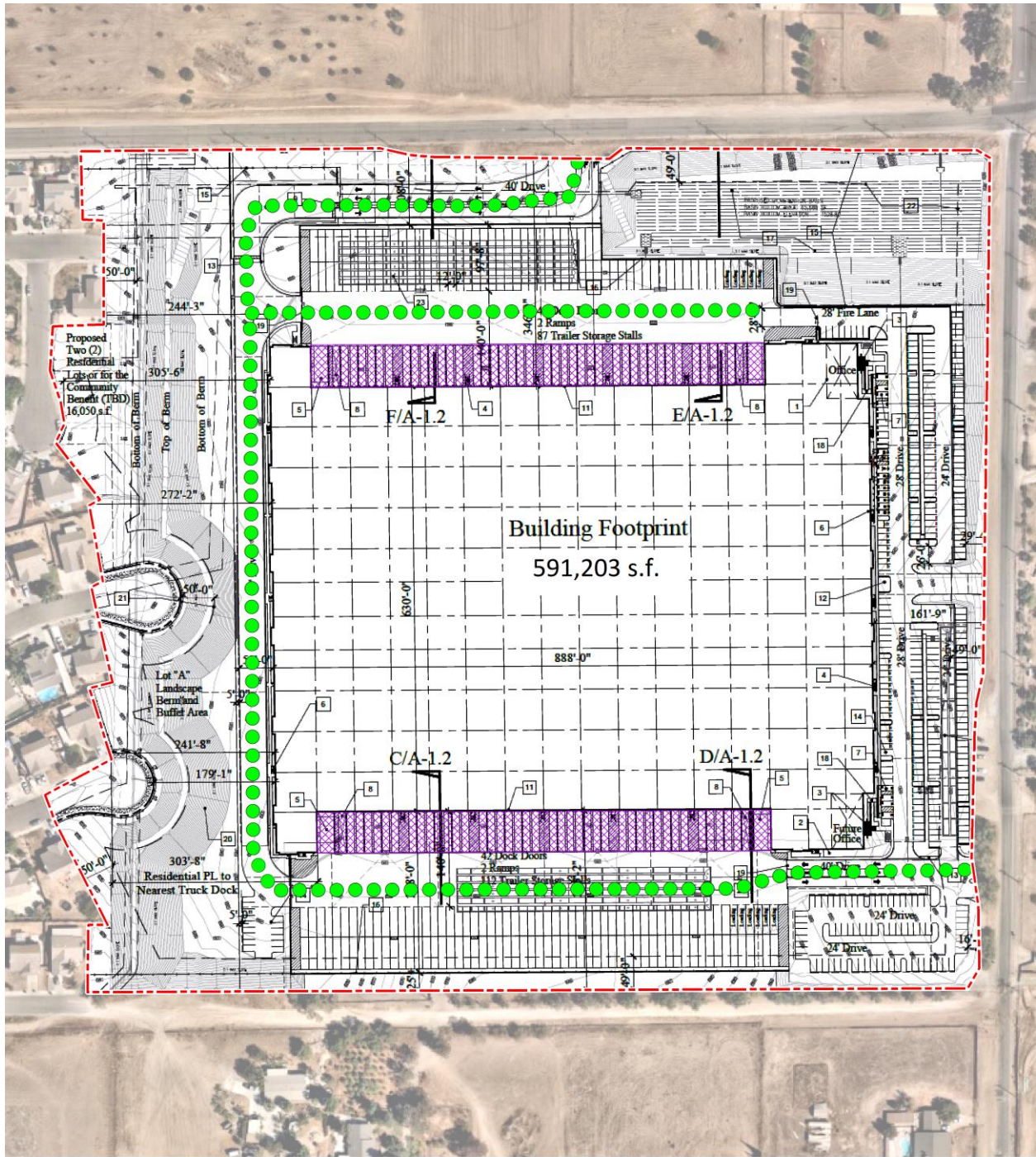


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES

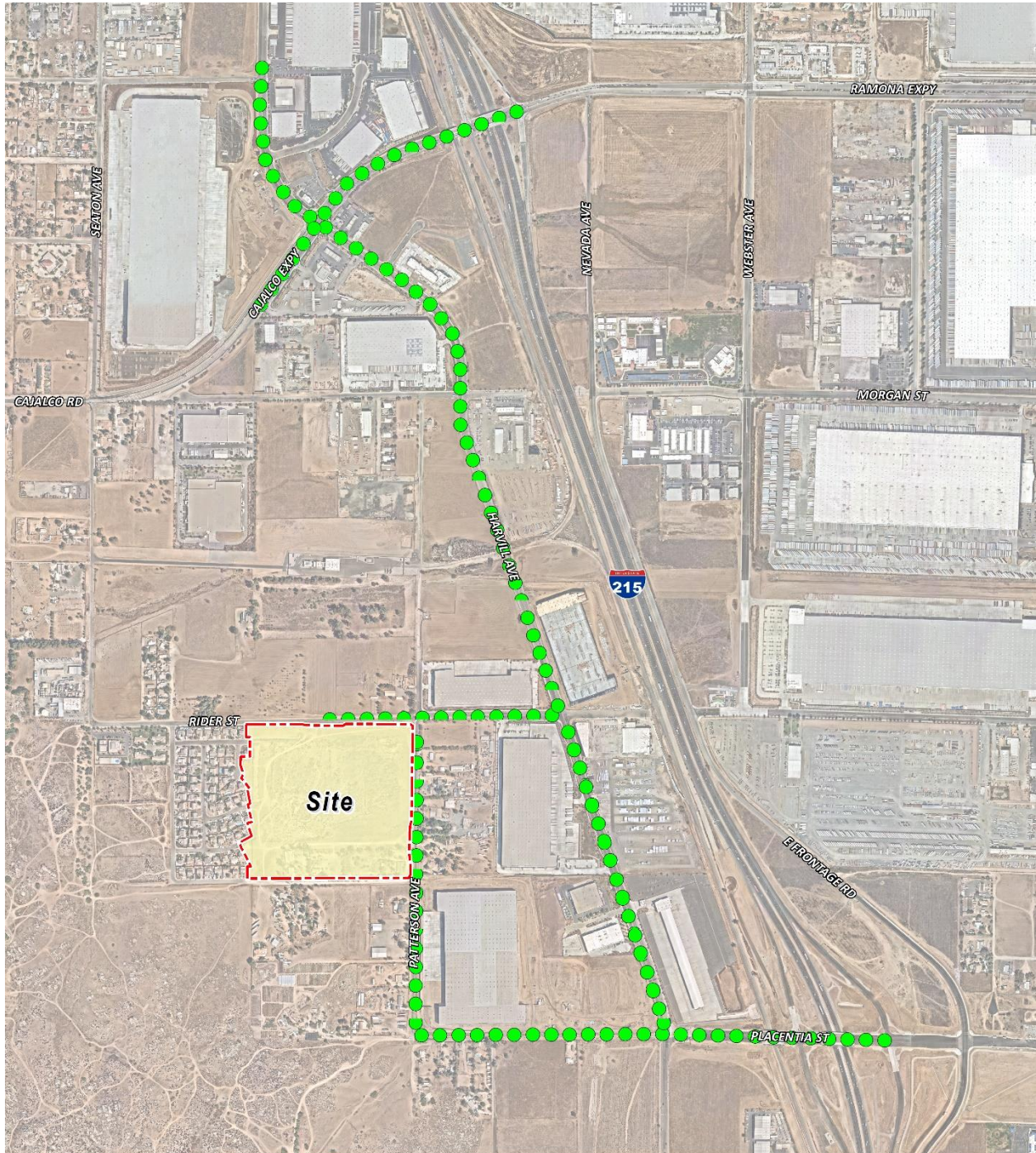


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (2025 ANALYSIS YEAR)

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 - North	56			0.0593	0.83	9.610E-06
On-Site Idling - South	56			0.0593	0.83	9.610E-06
On-Site Travel - North	224	62.41	0.0180		1.12	1.301E-05
On-Site Travel - South	224	82.65	0.0180		1.49	1.723E-05
Off-Site Travel - Rider 60% Inbound/Outbound	134	16.83	0.0081		0.14	1.580E-06
Off-Site Travel - Rider 80% Inbound/Outbound	179	39.90	0.0081		0.32	3.747E-06
Off-Site Travel - Patterson North 20% Inbound/Outbound	45	9.64	0.0081		0.08	9.053E-07
Off-Site Travel - Patterson South 20% Inbound/Outbound	45	29.89	0.0081		0.24	2.806E-06
Off-Site Travel - Harvill 45% Inbound/Outbound	101	89.30	0.0081		0.72	8.384E-06
Off-Site Travel - Cajalco West 15% Inbound/Outbound	34	5.98	0.0081		0.05	5.617E-07
Off-Site Travel - Cajalco East 15% Inbound/Outbound	34	12.05	0.0081		0.10	1.132E-06
Off-Site Travel - Harvill North 15% Inbound/Outbound	34	8.40	0.0081		0.07	7.883E-07
Off-Site Travel - Harvill South 15% Inbound/Outbound	34	17.51	0.0081		0.14	1.644E-06
Off-Site Travel - Placentia 55% Inbound/Outbound	123	47.16	0.0081		0.38	4.428E-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.

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 *Rider & Patterson Business Center (PPT220004) Traffic Analysis* prepared by Urban Crossroads, Inc. on January 23, 2023, the Project is expected to generate a total of approximately 1,260 actual vehicular trips-ends per day (630 vehicles inbound + 630 vehicles outbound) which includes 1,036 passenger vehicle trips (518 passenger vehicles inbound + 518 passenger vehicles outbound) and 224 two-way truck trips (112 trucks inbound per day + 112 trucks outbound) per day (8). As such, this analysis is consistent with the Traffic Analysis.

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 11.0.0) 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).

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

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 Valley 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.

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 2-8 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	1.51	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

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.

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

Where:

DOSE_{air} = chronic daily intake (mg/kg/day)

C_{air} = concentration of contaminant in air (ug/m³)

[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)
1×10^{-6}	=	conversion factors (ug to mg, L to m3)
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 $5 \mu\text{g}/\text{m}^3$ (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:

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

Where:

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

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

2.7 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 R5 which is located immediately adjacent to the west of the Project site at an existing residence located at 23246 Sunny Canyon Street. R5 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 1.41 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The 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 R6 which is located adjacent to the west of the Project site at an existing residence located at 23249 Norrisgrove Drive. R6 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 0.98 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. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario³:

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R7, which represents the adjacent potential worker receptor approximately 256 feet northeast of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.07 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

3 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.

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.

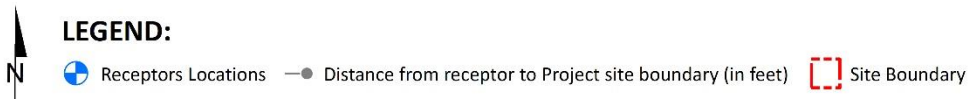
School Child Exposure Scenario:

The nearest school is Small Wonder Family Childcare, located approximately 182 feet west of the Project site at Location R8. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.09 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions combined is Location R5. It should be noted that although Location R6 has the greatest potential exposure to Project operational-source emissions, Location R5 has the greatest potential exposure to Project construction-source emissions and would experience the greatest potential exposure to construction- and operational-source emissions combined. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 1.87 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. 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. It should be noted that the receptors presented in Exhibit 2-D do not represent all modeled receptors.

EXHIBIT 2-D: RECEPTOR LOCATIONS



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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 Rider & Patterson Business Center Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

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

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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

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Rider & Patterson (Construction) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Rider & Patterson (Construction)
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	9.00
Location	33.828779143958506, -117.25507601955671
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	591	1000sqft	18.7	591,203	224,769	0.00	—	—
Single Family Housing	2.00	Dwelling Unit	0.65	3,900	0.00	0.00	6.00	—

Parking Lot	364	Space	1.35	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	726	1000sqft	16.7	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

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.	3.22	89.0	33.9	69.5	0.08	0.72	4.71	5.43	0.68	1.13	1.81	—	13,574	13,574	0.51	0.54	22.4	13,771
Mit.	3.22	25.7	33.9	69.5	0.08	0.72	4.71	5.43	0.68	1.13	1.81	—	13,574	13,574	0.51	0.54	22.4	13,771
% Reduced	—	71%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.43	2.23	24.9	47.9	0.07	0.76	8.01	8.16	0.71	3.68	3.83	—	10,609	10,609	0.41	0.50	0.53	10,768
Mit.	2.43	2.23	24.9	47.9	0.07	0.76	8.01	8.16	0.71	3.68	3.83	—	10,609	10,609	0.41	0.50	0.53	10,768
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	1.20	9.26	15.0	29.1	0.04	0.23	2.51	2.74	0.22	0.77	0.99	—	6,133	6,133	0.24	0.22	3.67	6,209
Mit.	1.20	3.20	15.0	29.1	0.04	0.23	2.51	2.74	0.22	0.77	0.99	—	6,133	6,133	0.24	0.22	3.67	6,209
% Reduced	—	65%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.22	1.69	2.74	5.31	0.01	0.04	0.46	0.50	0.04	0.14	0.18	—	1,015	1,015	0.04	0.04	0.61	1,028
Mit.	0.22	0.58	2.74	5.31	0.01	0.04	0.46	0.50	0.04	0.14	0.18	—	1,015	1,015	0.04	0.04	0.61	1,028
% Reduced	—	65%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	2.51	2.31	23.7	52.9	0.07	0.39	3.86	4.25	0.37	1.09	1.34	—	10,898	10,898	0.41	0.50	20.4	11,076
2025	3.22	89.0	33.9	69.5	0.08	0.72	4.71	5.43	0.68	1.13	1.81	—	13,574	13,574	0.51	0.54	22.4	13,771
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.43	2.23	24.9	47.9	0.07	0.76	8.01	8.16	0.71	3.68	3.83	—	10,609	10,609	0.41	0.50	0.53	10,768
2025	2.28	2.06	23.7	46.7	0.07	0.39	3.86	4.25	0.37	0.93	1.30	—	10,509	10,509	0.41	0.50	0.49	10,667
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.20	1.12	15.0	29.1	0.04	0.23	2.51	2.74	0.22	0.77	0.99	—	6,133	6,133	0.24	0.22	3.57	6,209
2025	1.06	9.26	11.6	22.5	0.03	0.21	1.73	1.94	0.19	0.42	0.61	—	4,855	4,855	0.19	0.22	3.67	4,928
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.22	0.20	2.74	5.31	0.01	0.04	0.46	0.50	0.04	0.14	0.18	—	1,015	1,015	0.04	0.04	0.59	1,028

2025	0.19	1.69	2.11	4.11	0.01	0.04	0.32	0.35	0.04	0.08	0.11	—	804	804	0.03	0.04	0.61	816
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2.3. Construction Emissions by Year, Mitigated

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	2.51	2.31	23.7	52.9	0.07	0.39	3.86	4.25	0.37	1.09	1.34	—	10,898	10,898	0.41	0.50	20.4	11,076
2025	3.22	25.7	33.9	69.5	0.08	0.72	4.71	5.43	0.68	1.13	1.81	—	13,574	13,574	0.51	0.54	22.4	13,771
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.43	2.23	24.9	47.9	0.07	0.76	8.01	8.16	0.71	3.68	3.83	—	10,609	10,609	0.41	0.50	0.53	10,768
2025	2.28	2.06	23.7	46.7	0.07	0.39	3.86	4.25	0.37	0.93	1.30	—	10,509	10,509	0.41	0.50	0.49	10,667
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.20	1.12	15.0	29.1	0.04	0.23	2.51	2.74	0.22	0.77	0.99	—	6,133	6,133	0.24	0.22	3.57	6,209
2025	1.06	3.20	11.6	22.5	0.03	0.21	1.73	1.94	0.19	0.42	0.61	—	4,855	4,855	0.19	0.22	3.67	4,928
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.22	0.20	2.74	5.31	0.01	0.04	0.46	0.50	0.04	0.14	0.18	—	1,015	1,015	0.04	0.04	0.59	1,028
2025	0.19	0.58	2.11	4.11	0.01	0.04	0.32	0.35	0.04	0.08	0.11	—	804	804	0.03	0.04	0.61	816

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	1.13	24.0	36.3	0.07	0.75	—	0.75	0.70	—	0.70	—	6,850	6,850	0.28	0.06	—	6,874
Demolition	—	—	—	—	—	—	0.39	0.39	—	0.06	0.06	—	—	—	—	—	—	—
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	0.03	0.03	0.66	1.00	< 0.005	0.02	—	0.02	0.02	—	0.02	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.16	0.14	0.17	1.89	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	397	397	0.02	0.01	0.04	402
Vendor	< 0.005	< 0.005	0.11	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	93.2	93.2	< 0.005	0.01	0.01	97.4
Hauling	0.02	0.01	0.58	0.14	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	491	491	0.01	0.08	0.03	514
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	11.0	11.0	< 0.005	< 0.005	0.02	11.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.55	2.55	< 0.005	< 0.005	< 0.005	2.67
Hauling	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.4	13.4	< 0.005	< 0.005	0.01	14.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	1.82	1.82	< 0.005	< 0.005	< 0.005	1.85
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.22	2.22	< 0.005	< 0.005	< 0.005	2.33

3.2. Demolition (2024) - Mitigated

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	1.13	1.13	24.0	36.3	0.07	0.75	—	0.75	0.70	—	0.70	—	6,850	6,850	0.28	0.06	—	6,874
Demolition	—	—	—	—	—	—	0.39	0.39	—	0.06	0.06	—	—	—	—	—	—	—
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	0.03	0.03	0.66	1.00	< 0.005	0.02	—	0.02	0.02	—	0.02	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.17	1.89	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	397	397	0.02	0.01	0.04	402
Vendor	< 0.005	< 0.005	0.11	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	93.2	93.2	< 0.005	0.01	0.01	97.4
Hauling	0.02	0.01	0.58	0.14	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	491	491	0.01	0.08	0.03	514
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	11.0	11.0	< 0.005	< 0.005	0.02	11.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.55	2.55	< 0.005	< 0.005	< 0.005	2.67
Hauling	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.4	13.4	< 0.005	< 0.005	0.01	14.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	1.82	1.82	< 0.005	< 0.005	< 0.005	1.85

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.22	2.22	< 0.005	< 0.005	< 0.005	2.33

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.94	21.9	41.6	0.07	0.14	—	0.14	0.14	—	0.14	—	7,605	7,605	0.31	0.06	—	7,631
Dust From Material Movement:	—	—	—	—	—	—	7.64	7.64	—	3.59	3.59	—	—	—	—	—	—	—
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	0.05	0.05	1.20	2.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	417	417	0.02	< 0.005	—	418
Dust From Material Movement:	—	—	—	—	—	—	0.42	0.42	—	0.20	0.20	—	—	—	—	—	—	—
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	0.22	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	< 0.005	< 0.005	—	69.2
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.58	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	331	331	0.02	0.01	0.04	335
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	155	155	< 0.005	0.02	0.01	162
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	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	18.4	18.4	< 0.005	< 0.005	0.03	18.6
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.51	8.51	< 0.005	< 0.005	0.01	8.90
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.04	3.04	< 0.005	< 0.005	0.01	3.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
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

3.4. Site Preparation (2024) - Mitigated

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
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.94	21.9	41.6	0.07	0.14	—	0.14	0.14	—	0.14	—	7,605	7,605	0.31	0.06	—	7,631
Dust From Material Movement	—	—	—	—	—	—	7.64	7.64	—	3.59	3.59	—	—	—	—	—	—	—
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	0.05	0.05	1.20	2.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	417	417	0.02	< 0.005	—	418
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.20	0.20	—	—	—	—	—	—	—
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	0.22	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	< 0.005	< 0.005	—	69.2
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.58	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	331	331	0.02	0.01	0.04	335
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	155	155	< 0.005	0.02	0.01	162
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	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	18.4	18.4	< 0.005	< 0.005	0.03	18.6
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.51	8.51	< 0.005	< 0.005	0.01	8.90
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.04	3.04	< 0.005	< 0.005	0.01	3.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
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. Grading (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	0.88	0.88	20.0	36.2	0.06	0.26	—	0.26	0.25	—	0.25	—	6,715	6,715	0.27	0.05	—	6,738

Dust From Material Movement:	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
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	0.88	0.88	20.0	36.2	0.06	0.26	—	0.26	0.25	—	0.25	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement:	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
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	0.18	0.18	4.10	7.43	0.01	0.05	—	0.05	0.05	—	0.05	—	1,380	1,380	0.06	0.01	—	1,385
Dust From Material Movement:	—	—	—	—	—	—	0.55	0.55	—	0.20	0.20	—	—	—	—	—	—	—
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	0.03	0.03	0.75	1.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	228	228	0.01	< 0.005	—	229
Dust From Material Movement:	—	—	—	—	—	—	0.10	0.10	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	288	288	0.01	0.01	1.14	292
Vendor	0.03	0.02	0.67	0.21	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	590	590	0.01	0.09	1.66	618
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	0.11	0.10	0.11	1.26	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	265	265	0.01	0.01	0.03	268
Vendor	0.03	0.02	0.70	0.21	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	590	590	0.01	0.09	0.04	617
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	0.02	0.27	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	55.1	55.1	< 0.005	< 0.005	0.10	55.8
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	121	121	< 0.005	0.02	0.15	127
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	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	9.12	9.12	< 0.005	< 0.005	0.02	9.24
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.1	20.1	< 0.005	< 0.005	0.02	21.0
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

3.6. Grading (2024) - Mitigated

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	0.88	0.88	20.0	36.2	0.06	0.26	—	0.26	0.25	—	0.25	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement:	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
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	0.88	0.88	20.0	36.2	0.06	0.26	—	0.26	0.25	—	0.25	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement:	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
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	0.18	0.18	4.10	7.43	0.01	0.05	—	0.05	0.05	—	0.05	—	1,380	1,380	0.06	0.01	—	1,385
Dust From Material Movement:	—	—	—	—	—	—	0.55	0.55	—	0.20	0.20	—	—	—	—	—	—	—
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	0.03	0.03	0.75	1.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	228	228	0.01	< 0.005	—	229
Dust From Material Movement:	—	—	—	—	—	—	0.10	0.10	—	0.04	0.04	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	288	288	0.01	0.01	1.14	292	
Vendor	0.03	0.02	0.67	0.21	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	590	590	0.01	0.09	1.66	618	
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	0.11	0.10	0.11	1.26	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	265	265	0.01	0.01	0.03	268	
Vendor	0.03	0.02	0.70	0.21	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	590	590	0.01	0.09	0.04	617	
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	0.02	0.27	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	55.1	55.1	< 0.005	< 0.005	0.10	55.8	
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	121	121	< 0.005	0.02	0.15	127	
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	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	9.12	9.12	< 0.005	< 0.005	0.02	9.24	
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.1	20.1	< 0.005	< 0.005	0.02	21.0	
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	

3.7. 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	1.01	0.96	20.0	31.4	0.05	0.36	—	0.36	0.34	—	0.34	—	5,110	5,110	0.21	0.04	—	5,127
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	1.01	0.96	20.0	31.4	0.05	0.36	—	0.36	0.34	—	0.34	—	5,110	5,110	0.21	0.04	—	5,127
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	0.37	0.35	7.37	11.5	0.02	0.13	—	0.13	0.12	—	0.12	—	1,880	1,880	0.08	0.02	—	1,886
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	0.07	0.06	1.34	2.11	< 0.005	0.02	—	0.02	0.02	—	0.02	—	311	311	0.01	< 0.005	—	312
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	1.40	1.28	1.20	20.8	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,584	3,584	0.15	0.12	14.2	3,639
Vendor	0.10	0.06	2.50	0.78	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,204	2,204	0.05	0.33	6.21	2,310
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	1.33	1.20	1.42	15.7	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,294	3,294	0.16	0.12	0.37	3,335
Vendor	0.09	0.06	2.61	0.80	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,206	2,206	0.05	0.33	0.16	2,306
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	0.49	0.44	0.52	6.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	—	1,227	1,227	0.06	0.05	2.26	1,245
Vendor	0.04	0.02	0.96	0.29	0.01	0.01	0.05	0.06	0.01	0.02	0.03	—	811	811	0.02	0.12	0.98	849
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	0.09	0.08	0.10	1.11	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	203	203	0.01	0.01	0.37	206
Vendor	0.01	< 0.005	0.18	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	134	134	< 0.005	0.02	0.16	141
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

3.8. Building Construction (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.96	20.0	31.4	0.05	0.36	—	0.36	0.34	—	0.34	—	5,110	5,110	0.21	0.04	—	5,127
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	1.01	0.96	20.0	31.4	0.05	0.36	—	0.36	0.34	—	0.34	—	5,110	5,110	0.21	0.04	—	5,127
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	0.37	0.35	7.37	11.5	0.02	0.13	—	0.13	0.12	—	0.12	—	1,880	1,880	0.08	0.02	—	1,886
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	0.07	0.06	1.34	2.11	< 0.005	0.02	—	0.02	0.02	—	0.02	—	311	311	0.01	< 0.005	—	312
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	1.40	1.28	1.20	20.8	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,584	3,584	0.15	0.12	14.2	3,639
Vendor	0.10	0.06	2.50	0.78	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,204	2,204	0.05	0.33	6.21	2,310
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	1.33	1.20	1.42	15.7	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,294	3,294	0.16	0.12	0.37	3,335
Vendor	0.09	0.06	2.61	0.80	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,206	2,206	0.05	0.33	0.16	2,306
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	0.49	0.44	0.52	6.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	—	1,227	1,227	0.06	0.05	2.26	1,245
Vendor	0.04	0.02	0.96	0.29	0.01	0.01	0.05	0.06	0.01	0.02	0.03	—	811	811	0.02	0.12	0.98	849

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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.11	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	203	203	0.01	0.01	0.37	206	
Vendor	0.01	< 0.005	0.18	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	134	134	< 0.005	0.02	0.16	141	
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. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.96	20.0	31.4	0.05	0.35	—	0.35	0.33	—	0.33	—	5,109	5,109	0.21	0.04	—	5,127
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	1.01	0.96	20.0	31.4	0.05	0.35	—	0.35	0.33	—	0.33	—	5,109	5,109	0.21	0.04	—	5,127
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	0.43	0.41	8.54	13.4	0.02	0.15	—	0.15	0.14	—	0.14	—	2,180	2,180	0.09	0.02	—	2,187
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	0.08	0.08	1.56	2.44	< 0.005	0.03	—	0.03	0.03	—	0.03	—	361	361	0.01	< 0.005	—	362
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	1.34	1.11	1.09	19.2	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,509	3,509	0.15	0.12	12.9	3,563
Vendor	0.10	0.05	2.38	0.74	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,172	2,172	0.05	0.33	6.16	2,278
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	1.18	1.05	1.20	14.5	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,226	3,226	0.15	0.12	0.33	3,267
Vendor	0.09	0.04	2.50	0.76	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,174	2,174	0.05	0.33	0.16	2,273
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	0.50	0.44	0.56	6.55	0.00	0.00	0.09	0.09	0.00	0.00	0.00	—	1,394	1,394	0.06	0.05	2.37	1,414
Vendor	0.04	0.02	1.06	0.32	0.01	0.01	0.05	0.07	0.01	0.02	0.03	—	927	927	0.02	0.14	1.14	971
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	0.09	0.08	0.10	1.20	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	231	231	0.01	0.01	0.39	234
Vendor	0.01	< 0.005	0.19	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	153	153	< 0.005	0.02	0.19	161
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

3.10. Building Construction (2025) - Mitigated

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
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.96	20.0	31.4	0.05	0.35	—	0.35	0.33	—	0.33	—	5,109	5,109	0.21	0.04	—	5,127
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	1.01	0.96	20.0	31.4	0.05	0.35	—	0.35	0.33	—	0.33	—	5,109	5,109	0.21	0.04	—	5,127
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	0.43	0.41	8.54	13.4	0.02	0.15	—	0.15	0.14	—	0.14	—	2,180	2,180	0.09	0.02	—	2,187
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	0.08	0.08	1.56	2.44	< 0.005	0.03	—	0.03	0.03	—	0.03	—	361	361	0.01	< 0.005	—	362
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	1.34	1.11	1.09	19.2	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,509	3,509	0.15	0.12	12.9	3,563
Vendor	0.10	0.05	2.38	0.74	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,172	2,172	0.05	0.33	6.16	2,278
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	1.18	1.05	1.20	14.5	0.00	0.00	0.20	0.20	0.00	0.00	0.00	—	3,226	3,226	0.15	0.12	0.33	3,267
Vendor	0.09	0.04	2.50	0.76	0.02	0.03	0.13	0.16	0.03	0.05	0.08	—	2,174	2,174	0.05	0.33	0.16	2,273
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	0.50	0.44	0.56	6.55	0.00	0.00	0.09	0.09	0.00	0.00	0.00	—	1,394	1,394	0.06	0.05	2.37	1,414
Vendor	0.04	0.02	1.06	0.32	0.01	0.01	0.05	0.07	0.01	0.02	0.03	—	927	927	0.02	0.14	1.14	971
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	0.09	0.08	0.10	1.20	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	231	231	0.01	0.01	0.39	234
Vendor	0.01	< 0.005	0.19	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	153	153	< 0.005	0.02	0.19	161
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. Paving (2025) - 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	0.29	0.29	7.24	10.6	0.01	0.16	—	0.16	0.15	—	0.15	—	1,511	1,511	0.06	0.01	—	1,517
Paving	—	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.04	0.04	1.09	1.60	< 0.005	0.02	—	0.02	0.02	—	0.02	—	228	228	0.01	< 0.005	—	229
Paving	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.7	37.7	< 0.005	< 0.005	—	37.8
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.16	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	211	211	0.01	0.01	0.78	215
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	0.01	0.01	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	29.7	29.7	< 0.005	< 0.005	0.05	30.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	4.91	4.91	< 0.005	< 0.005	0.01	4.98
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2025) - Mitigated

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	0.29	0.29	7.24	10.6	0.01	0.16	—	0.16	0.15	—	0.15	—	1,511	1,511	0.06	0.01	—	1,517
Paving	—	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.04	0.04	1.09	1.60	< 0.005	0.02	—	0.02	0.02	—	0.02	—	228	228	0.01	< 0.005	—	229
Paving	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.7	37.7	< 0.005	< 0.005	—	37.8
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.16	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	211	211	0.01	0.01	0.78	215	
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	0.01	0.01	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	29.7	29.7	< 0.005	< 0.005	0.05	30.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	4.91	4.91	< 0.005	< 0.005	0.01	4.98	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.13. Architectural Coating (2025) - 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	0.14	0.14	2.90	2.57	< 0.005	0.18	—	0.18	0.16	—	0.16	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	85.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	0.01	0.28	0.25	< 0.005	0.02	—	0.02	0.02	—	0.02	—	34.1	34.1	< 0.005	< 0.005	—	34.3
Architectural Coatings	—	8.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.65	5.65	< 0.005	< 0.005	—	5.67
Architectural Coatings	—	1.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.27	0.22	0.22	3.86	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	705	705	0.03	0.02	2.59	715
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	0.02	0.02	0.03	0.30	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	62.9	62.9	< 0.005	< 0.005	0.11	63.8
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	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	10.4	10.4	< 0.005	< 0.005	0.02	10.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2025) - Mitigated

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	0.14	0.14	2.90	2.57	< 0.005	0.18	—	0.18	0.16	—	0.16	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	22.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	0.01	0.28	0.25	< 0.005	0.02	—	0.02	0.02	—	0.02	—	34.1	34.1	< 0.005	< 0.005	—	34.3
Architectural Coatings	—	2.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.65	5.65	< 0.005	< 0.005	—	5.67
Architectural Coatings	—	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.27	0.22	0.22	3.86	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	705	705	0.03	0.02	2.59	715
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	0.02	0.02	0.03	0.30	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	62.9	62.9	< 0.005	< 0.005	0.11	63.8
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	0.05	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	10.4	10.4	< 0.005	< 0.005	0.02	10.6

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	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Demolition	Demolition	2/1/2024	2/14/2024	5.00	10.0	—
Site Preparation	Site Preparation	2/15/2024	3/13/2024	5.00	20.0	—

Grading	Grading	3/14/2024	6/26/2024	5.00	75.0	—
Building Construction	Building Construction	6/27/2024	8/6/2025	5.00	290	—
Paving	Paving	5/22/2025	8/6/2025	5.00	55.0	—
Architectural Coating	Architectural Coating	6/19/2025	8/6/2025	5.00	35.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 3	2.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 3	6.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	4.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	4.00	8.00	367	0.40
Grading	Excavators	Diesel	Tier 3	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Interim	2.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	8.00	367	0.29
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	Welders	Diesel	Tier 3	2.00	8.00	46.0	0.45
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	2.00	8.00	37.0	0.48
Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	6.00	8.00	87.0	0.43
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	5.00	8.00	87.0	0.43

Grading	Crawler Tractors	Diesel	Tier 4 Interim	2.00	8.00	87.0	0.43
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5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 3	2.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 3	6.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	4.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	4.00	8.00	367	0.40
Grading	Excavators	Diesel	Tier 3	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Interim	2.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	8.00	367	0.29
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	Welders	Diesel	Tier 3	2.00	8.00	46.0	0.45
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	2.00	8.00	37.0	0.48
Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	6.00	8.00	87.0	0.43
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	5.00	8.00	87.0	0.43
Grading	Crawler Tractors	Diesel	Tier 4 Interim	2.00	8.00	87.0	0.43

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	30.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	3.00	10.2	HHDT,MHDT
Demolition	Hauling	7.00	20.0	HHDT
Demolition	Onsite truck	0.00	0.00	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	25.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	5.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	0.00	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	19.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	249	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	71.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	0.00	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	0.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	0.00	HHDT

Architectural Coating	—	—	—	—
Architectural Coating	Worker	50.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	30.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	3.00	10.2	HHDT,MHDT
Demolition	Hauling	7.00	20.0	HHDT
Demolition	Onsite truck	0.00	0.00	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	25.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	5.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	0.00	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	19.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	249	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	71.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	0.00	0.00	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	0.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	0.00	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	50.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	7,898	2,633	886,805	295,602	47,064

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	6,167	—
Site Preparation	0.00	0.00	100	0.00	—

Grading	0.00	0.00	300	0.00	—
Paving	0.00	0.00	0.00	0.00	18.0

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Single Family Housing	0.02	0%
Parking Lot	1.35	100%
Other Asphalt Surfaces	16.7	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

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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5.18.1.2. Mitigated

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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5.18.2.2. Mitigated

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	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	N/A	N/A	N/A	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 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
Land Use	Total Project area is 37.39 acres
Construction: Construction Phases	Construction based on information provided by the Project Applicant
Construction: Off-Road Equipment	Construction equipment based on equipment used for similar projects in the area
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction
Construction: Architectural Coatings	Rule 1113

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Demolition	0.75	10	7.5	0.75	0.09375
Exhaust PM-10	Site Preparation	0.14	20	2.8	0.14	0.0175
	Grading	0.26	75	19.5	0.26	0.0325
	Building Construction	0.36	290	102.95	0.355	0.044375
	Paving	0.16	55	8.8	0.16	0.02
	Architectural Coatings	0.18	35	6.3	0.18	0.0225
		1.85	395	147.85	0.374303797	0.046787975
Off-Site	Demolition	1.50E-02	10	0.15	0.015	0.001875
Exhaust PM-10	Site Preparation	5.00E-03	20	0.1	0.005	0.000625
	Grading	1.00E-02	75	0.75	0.01	0.00125
	Building Construction	3.00E-02	290	8.7	0.03	0.00375
	Paving	0.00E+00	55	0	0	0
	Architectural Coatings	0.00E+00	35	0	0	0
		6.00E-02	395	9.7	0.024556962	0.00306962

Phase	Start Date	End Date	No. Days
Demolition	2/1/2024	2/14/2024	10
Site Preparation	2/15/2024	3/13/2024	20
Grading	3/14/2024	6/26/2024	75
Building Construction	6/27/2024	8/6/2025	290
Paving	5/22/2025	8/6/2025	55
Arch Coatings	6/19/2025	8/6/2025	35
Total Days of Construction			395

APPENDIX 2.2:
EMFAC EMISSIONS SUMMARY

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**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2025**

Speed	LHD1	LHD2	MHD	HHD
0	0.364109	0.581025	0.05153	0.01229
5	0.045968	0.066375	0.030981	0.01182
25	0.021204	0.03194	0.008162	0.00600

Speed	Weighted Average Emissions
0	0.05932
5	0.01801
25	0.00811

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 - North	56			0.0593	0.83	9.610E-06
On-Site Idling - South	56			0.0593	0.83	9.610E-06
On-Site Travel - North	224	62.41	0.0180		1.12	1.301E-05
On-Site Travel - South	224	82.65	0.0180		1.49	1.723E-05
Off-Site Travel - Rider 60% Inbound/Outbound	134	16.83	0.0081		0.14	1.580E-06
Off-Site Travel - Rider 80% Inbound/Outbound	179	39.90	0.0081		0.32	3.747E-06
Off-Site Travel - Patterson North 20% Inbound/Outbound	45	9.64	0.0081		0.08	9.053E-07
Off-Site Travel - Patterson South 20% Inbound/Outbound	45	29.89	0.0081		0.24	2.806E-06
Off-Site Travel - Harvill 45% Inbound/Outbound	101	89.30	0.0081		0.72	8.384E-06
Off-Site Travel - Cajalco West 15% Inbound/Outbound	34	5.98	0.0081		0.05	5.617E-07
Off-Site Travel - Cajalco East 15% Inbound/Outbound	34	12.05	0.0081		0.10	1.132E-06
Off-Site Travel - Harvill North 15% Inbound/Outbound	34	8.40	0.0081		0.07	7.883E-07
Off-Site Travel - Harvill South 15% Inbound/Outbound	34	17.51	0.0081		0.14	1.644E-06
Off-Site Travel - Placentia 55% Inbound/Outbound	123	47.16	0.0081		0.38	4.428E-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.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Riverside	(HHDT	Dsl	60	70	RUNEX	5	PM10	0.012428
2025	Annual	Riverside	(HHDT	Dsl	60	70	RUNEX	25	PM10	0.006306
2025	Annual	Riverside	(HHDT	Dsl			IDLEX		PM10	0.01292
2025	Annual	Riverside	(LHDT1	Dsl	60	70	RUNEX	5	PM10	0.099629
2025	Annual	Riverside	(LHDT1	Dsl	60	70	RUNEX	25	PM10	0.045957
2025	Annual	Riverside	(LHDT1	Dsl			IDLEX		PM10	0.789149
2025	Annual	Riverside	(LHDT2	Dsl	60	70	RUNEX	5	PM10	0.090338
2025	Annual	Riverside	(LHDT2	Dsl	60	70	RUNEX	25	PM10	0.043471
2025	Annual	Riverside	(LHDT2	Dsl			IDLEX		PM10	0.790786
2025	Annual	Riverside	(MHDT	Dsl	60	70	RUNEX	5	PM10	0.033827
2025	Annual	Riverside	(MHDT	Dsl	60	70	RUNEX	25	PM10	0.008912
2025	Annual	Riverside	(MHDT	Dsl			IDLEX		PM10	0.056264

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2025

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	2025	HHDT	Aggregate	Aggregate	Gasoline	6.23225
Riverside	2025	HHDT	Aggregate	Aggregate	Diesel	15281.5
Riverside	2025	HHDT	Aggregate	Aggregate	Natural Gas	781.66
Riverside	2025	LHDT1	Aggregate	Aggregate	Gasoline	17598.4
Riverside	2025	LHDT1	Aggregate	Aggregate	Diesel	15075.6
Riverside	2025	LHDT2	Aggregate	Aggregate	Gasoline	2462.3
Riverside	2025	LHDT2	Aggregate	Aggregate	Diesel	6820.45
Riverside	2025	MHDT	Aggregate	Aggregate	Gasoline	1219.57
Riverside	2025	MHDT	Aggregate	Aggregate	Diesel	13275.7
Riverside	2025	MHDT	Aggregate	Aggregate	Natural Gas	169.786

HHDT% GAS/NG 0.04903

HHDT% DSL 0.95097

LHDT1% GAS 0.53861

LHDT1% DSL 0.46139

LHDT2% GAS 0.26526

LHDT2% DSL 0.73474

MHDT% GAS 0.08414

MHDT% DSL 0.91586

APPENDIX 2.3:
AERMOD MODEL INPUT/OUTPUT

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```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 11/14/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198 Construction\14198
Construction.ADI
**

```

```

*****
**
**
*****
** AERMOD Control Pathway
*****
**
**

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14198 Construction.err"

```

```

CO FINISHED
**
*****

```

```

** AERMOD Source Pathway
*****
**
**

```

```

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1          VOLUME      476404.604   3743158.543       475.660

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0003867656
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 476614.681, 3743359.856, 467.03, 3.49, 4.00
** 476609.447, 3742562.070, 481.34, 3.49, 4.00
** 476827.000, 3742564.497, 472.37, 3.49, 4.00
** 477310.633, 3742575.819, 457.00, 3.49, 4.00
** 477863.819, 3742567.732, 448.23, 3.49, 4.00

```

```

-----
LOCATION L0000001      VOLUME      476614.653  3743355.561  467.17
LOCATION L0000002      VOLUME      476614.596  3743346.971  467.18
LOCATION L0000003      VOLUME      476614.540  3743338.382  467.18
LOCATION L0000004      VOLUME      476614.483  3743329.792  467.18
LOCATION L0000005      VOLUME      476614.427  3743321.202  467.32
LOCATION L0000006      VOLUME      476614.371  3743312.612  467.55
LOCATION L0000007      VOLUME      476614.314  3743304.022  467.79
LOCATION L0000008      VOLUME      476614.258  3743295.433  468.00
LOCATION L0000009      VOLUME      476614.202  3743286.843  468.06
LOCATION L0000010      VOLUME      476614.145  3743278.253  468.11
LOCATION L0000011      VOLUME      476614.089  3743269.663  468.17
LOCATION L0000012      VOLUME      476614.033  3743261.073  468.19

```

LOCATION	L0000013	VOLUME	476613.976	3743252.483	468.20
LOCATION	L0000014	VOLUME	476613.920	3743243.894	468.20
LOCATION	L0000015	VOLUME	476613.864	3743235.304	468.23
LOCATION	L0000016	VOLUME	476613.807	3743226.714	468.52
LOCATION	L0000017	VOLUME	476613.751	3743218.124	468.80
LOCATION	L0000018	VOLUME	476613.694	3743209.534	469.09
LOCATION	L0000019	VOLUME	476613.638	3743200.945	469.21
LOCATION	L0000020	VOLUME	476613.582	3743192.355	469.21
LOCATION	L0000021	VOLUME	476613.525	3743183.765	469.21
LOCATION	L0000022	VOLUME	476613.469	3743175.175	469.25
LOCATION	L0000023	VOLUME	476613.413	3743166.585	469.53
LOCATION	L0000024	VOLUME	476613.356	3743157.995	469.82
LOCATION	L0000025	VOLUME	476613.300	3743149.406	470.11
LOCATION	L0000026	VOLUME	476613.244	3743140.816	470.36
LOCATION	L0000027	VOLUME	476613.187	3743132.226	470.58
LOCATION	L0000028	VOLUME	476613.131	3743123.636	470.81
LOCATION	L0000029	VOLUME	476613.075	3743115.046	471.01
LOCATION	L0000030	VOLUME	476613.018	3743106.457	471.07
LOCATION	L0000031	VOLUME	476612.962	3743097.867	471.14
LOCATION	L0000032	VOLUME	476612.905	3743089.277	471.21
LOCATION	L0000033	VOLUME	476612.849	3743080.687	471.23
LOCATION	L0000034	VOLUME	476612.793	3743072.097	471.24
LOCATION	L0000035	VOLUME	476612.736	3743063.508	471.24
LOCATION	L0000036	VOLUME	476612.680	3743054.918	471.28
LOCATION	L0000037	VOLUME	476612.624	3743046.328	471.57
LOCATION	L0000038	VOLUME	476612.567	3743037.738	471.86
LOCATION	L0000039	VOLUME	476612.511	3743029.148	472.15
LOCATION	L0000040	VOLUME	476612.455	3743020.558	472.25
LOCATION	L0000041	VOLUME	476612.398	3743011.969	472.25
LOCATION	L0000042	VOLUME	476612.342	3743003.379	472.25
LOCATION	L0000043	VOLUME	476612.286	3742994.789	472.30
LOCATION	L0000044	VOLUME	476612.229	3742986.199	472.59
LOCATION	L0000045	VOLUME	476612.173	3742977.609	472.87
LOCATION	L0000046	VOLUME	476612.116	3742969.020	473.16
LOCATION	L0000047	VOLUME	476612.060	3742960.430	473.31
LOCATION	L0000048	VOLUME	476612.004	3742951.840	473.39
LOCATION	L0000049	VOLUME	476611.947	3742943.250	473.46
LOCATION	L0000050	VOLUME	476611.891	3742934.660	473.57
LOCATION	L0000051	VOLUME	476611.835	3742926.070	473.78
LOCATION	L0000052	VOLUME	476611.778	3742917.481	473.99
LOCATION	L0000053	VOLUME	476611.722	3742908.891	474.20
LOCATION	L0000054	VOLUME	476611.666	3742900.301	474.27
LOCATION	L0000055	VOLUME	476611.609	3742891.711	474.27
LOCATION	L0000056	VOLUME	476611.553	3742883.121	474.28
LOCATION	L0000057	VOLUME	476611.497	3742874.532	474.29
LOCATION	L0000058	VOLUME	476611.440	3742865.942	474.38
LOCATION	L0000059	VOLUME	476611.384	3742857.352	474.46
LOCATION	L0000060	VOLUME	476611.328	3742848.762	474.54
LOCATION	L0000061	VOLUME	476611.271	3742840.172	474.57
LOCATION	L0000062	VOLUME	476611.215	3742831.583	474.58
LOCATION	L0000063	VOLUME	476611.158	3742822.993	474.58
LOCATION	L0000064	VOLUME	476611.102	3742814.403	474.62
LOCATION	L0000065	VOLUME	476611.046	3742805.813	474.83
LOCATION	L0000066	VOLUME	476610.989	3742797.223	475.04
LOCATION	L0000067	VOLUME	476610.933	3742788.633	475.24
LOCATION	L0000068	VOLUME	476610.877	3742780.044	475.30
LOCATION	L0000069	VOLUME	476610.820	3742771.454	475.30
LOCATION	L0000070	VOLUME	476610.764	3742762.864	475.30
LOCATION	L0000071	VOLUME	476610.708	3742754.274	475.37
LOCATION	L0000072	VOLUME	476610.651	3742745.684	475.66
LOCATION	L0000073	VOLUME	476610.595	3742737.095	475.94
LOCATION	L0000074	VOLUME	476610.539	3742728.505	476.23
LOCATION	L0000075	VOLUME	476610.482	3742719.915	476.52
LOCATION	L0000076	VOLUME	476610.426	3742711.325	476.81
LOCATION	L0000077	VOLUME	476610.369	3742702.735	477.10
LOCATION	L0000078	VOLUME	476610.313	3742694.145	477.34

LOCATION L0000079	VOLUME	476610.257	3742685.556	477.43
LOCATION L0000080	VOLUME	476610.200	3742676.966	477.53
LOCATION L0000081	VOLUME	476610.144	3742668.376	477.62
LOCATION L0000082	VOLUME	476610.088	3742659.786	477.86
LOCATION L0000083	VOLUME	476610.031	3742651.196	478.15
LOCATION L0000084	VOLUME	476609.975	3742642.607	478.44
LOCATION L0000085	VOLUME	476609.919	3742634.017	478.71
LOCATION L0000086	VOLUME	476609.862	3742625.427	478.90
LOCATION L0000087	VOLUME	476609.806	3742616.837	479.10
LOCATION L0000088	VOLUME	476609.750	3742608.247	479.29
LOCATION L0000089	VOLUME	476609.693	3742599.658	479.63
LOCATION L0000090	VOLUME	476609.637	3742591.068	480.01
LOCATION L0000091	VOLUME	476609.580	3742582.478	480.40
LOCATION L0000092	VOLUME	476609.524	3742573.888	480.76
LOCATION L0000093	VOLUME	476609.468	3742565.298	481.05
LOCATION L0000094	VOLUME	476614.808	3742562.130	480.80
LOCATION L0000095	VOLUME	476623.398	3742562.226	480.35
LOCATION L0000096	VOLUME	476631.987	3742562.322	480.06
LOCATION L0000097	VOLUME	476640.577	3742562.418	479.77
LOCATION L0000098	VOLUME	476649.166	3742562.513	479.48
LOCATION L0000099	VOLUME	476657.756	3742562.609	479.19
LOCATION L0000100	VOLUME	476666.345	3742562.705	478.90
LOCATION L0000101	VOLUME	476674.935	3742562.801	478.61
LOCATION L0000102	VOLUME	476683.524	3742562.897	478.32
LOCATION L0000103	VOLUME	476692.113	3742562.992	478.03
LOCATION L0000104	VOLUME	476700.703	3742563.088	477.74
LOCATION L0000105	VOLUME	476709.292	3742563.184	477.45
LOCATION L0000106	VOLUME	476717.882	3742563.280	477.31
LOCATION L0000107	VOLUME	476726.471	3742563.375	477.19
LOCATION L0000108	VOLUME	476735.061	3742563.471	477.07
LOCATION L0000109	VOLUME	476743.650	3742563.567	476.80
LOCATION L0000110	VOLUME	476752.240	3742563.663	476.35
LOCATION L0000111	VOLUME	476760.829	3742563.759	475.89
LOCATION L0000112	VOLUME	476769.419	3742563.854	475.43
LOCATION L0000113	VOLUME	476778.008	3742563.950	475.41
LOCATION L0000114	VOLUME	476786.598	3742564.046	474.40
LOCATION L0000115	VOLUME	476795.187	3742564.142	474.40
LOCATION L0000116	VOLUME	476803.777	3742564.238	474.14
LOCATION L0000117	VOLUME	476812.366	3742564.333	473.56
LOCATION L0000118	VOLUME	476820.955	3742564.429	472.98
LOCATION L0000119	VOLUME	476829.544	3742564.556	472.41
LOCATION L0000120	VOLUME	476838.132	3742564.757	472.10
LOCATION L0000121	VOLUME	476846.720	3742564.958	471.81
LOCATION L0000122	VOLUME	476855.307	3742565.159	471.52
LOCATION L0000123	VOLUME	476863.895	3742565.360	471.23
LOCATION L0000124	VOLUME	476872.483	3742565.561	470.93
LOCATION L0000125	VOLUME	476881.070	3742565.762	470.64
LOCATION L0000126	VOLUME	476889.658	3742565.964	470.35
LOCATION L0000127	VOLUME	476898.246	3742566.165	469.96
LOCATION L0000128	VOLUME	476906.833	3742566.366	469.58
LOCATION L0000129	VOLUME	476915.421	3742566.567	469.20
LOCATION L0000130	VOLUME	476924.009	3742566.768	468.86
LOCATION L0000131	VOLUME	476932.596	3742566.969	468.58
LOCATION L0000132	VOLUME	476941.184	3742567.170	468.29
LOCATION L0000133	VOLUME	476949.771	3742567.371	468.00
LOCATION L0000134	VOLUME	476958.359	3742567.572	467.72
LOCATION L0000135	VOLUME	476966.947	3742567.773	467.43
LOCATION L0000136	VOLUME	476975.534	3742567.974	467.14
LOCATION L0000137	VOLUME	476984.122	3742568.175	466.86
LOCATION L0000138	VOLUME	476992.710	3742568.376	466.57
LOCATION L0000139	VOLUME	477001.297	3742568.577	466.29
LOCATION L0000140	VOLUME	477009.885	3742568.778	466.00
LOCATION L0000141	VOLUME	477018.473	3742568.979	465.49
LOCATION L0000142	VOLUME	477027.060	3742569.180	464.99
LOCATION L0000143	VOLUME	477035.648	3742569.381	464.48
LOCATION L0000144	VOLUME	477044.236	3742569.582	464.07

LOCATION L0000145	VOLUME	477052.823	3742569.783	463.78
LOCATION L0000146	VOLUME	477061.411	3742569.985	463.49
LOCATION L0000147	VOLUME	477069.999	3742570.186	463.20
LOCATION L0000148	VOLUME	477078.586	3742570.387	463.14
LOCATION L0000149	VOLUME	477087.174	3742570.588	463.08
LOCATION L0000150	VOLUME	477095.761	3742570.789	463.02
LOCATION L0000151	VOLUME	477104.349	3742570.990	462.85
LOCATION L0000152	VOLUME	477112.937	3742571.191	462.56
LOCATION L0000153	VOLUME	477121.524	3742571.392	462.28
LOCATION L0000154	VOLUME	477130.112	3742571.593	461.99
LOCATION L0000155	VOLUME	477138.700	3742571.794	461.71
LOCATION L0000156	VOLUME	477147.287	3742571.995	461.42
LOCATION L0000157	VOLUME	477155.875	3742572.196	461.13
LOCATION L0000158	VOLUME	477164.463	3742572.397	460.85
LOCATION L0000159	VOLUME	477173.050	3742572.598	460.56
LOCATION L0000160	VOLUME	477181.638	3742572.799	460.27
LOCATION L0000161	VOLUME	477190.226	3742573.000	459.99
LOCATION L0000162	VOLUME	477198.813	3742573.201	459.73
LOCATION L0000163	VOLUME	477207.401	3742573.402	459.47
LOCATION L0000164	VOLUME	477215.989	3742573.603	459.20
LOCATION L0000165	VOLUME	477224.576	3742573.804	458.92
LOCATION L0000166	VOLUME	477233.164	3742574.005	458.63
LOCATION L0000167	VOLUME	477241.751	3742574.207	458.34
LOCATION L0000168	VOLUME	477250.339	3742574.408	458.06
LOCATION L0000169	VOLUME	477258.927	3742574.609	458.04
LOCATION L0000170	VOLUME	477267.514	3742574.810	458.02
LOCATION L0000171	VOLUME	477276.102	3742575.011	458.00
LOCATION L0000172	VOLUME	477284.690	3742575.212	457.84
LOCATION L0000173	VOLUME	477293.277	3742575.413	457.55
LOCATION L0000174	VOLUME	477301.865	3742575.614	457.27
LOCATION L0000175	VOLUME	477310.453	3742575.815	456.98
LOCATION L0000176	VOLUME	477319.042	3742575.696	456.69
LOCATION L0000177	VOLUME	477327.631	3742575.571	456.41
LOCATION L0000178	VOLUME	477336.220	3742575.445	456.12
LOCATION L0000179	VOLUME	477344.809	3742575.320	456.00
LOCATION L0000180	VOLUME	477353.398	3742575.194	456.00
LOCATION L0000181	VOLUME	477361.987	3742575.068	456.00
LOCATION L0000182	VOLUME	477370.576	3742574.943	456.00
LOCATION L0000183	VOLUME	477379.165	3742574.817	456.00
LOCATION L0000184	VOLUME	477387.754	3742574.692	456.00
LOCATION L0000185	VOLUME	477396.343	3742574.566	456.00
LOCATION L0000186	VOLUME	477404.933	3742574.441	455.83
LOCATION L0000187	VOLUME	477413.522	3742574.315	455.55
LOCATION L0000188	VOLUME	477422.111	3742574.189	455.26
LOCATION L0000189	VOLUME	477430.700	3742574.064	454.97
LOCATION L0000190	VOLUME	477439.289	3742573.938	454.71
LOCATION L0000191	VOLUME	477447.878	3742573.813	454.45
LOCATION L0000192	VOLUME	477456.467	3742573.687	454.19
LOCATION L0000193	VOLUME	477465.056	3742573.562	454.07
LOCATION L0000194	VOLUME	477473.645	3742573.436	454.05
LOCATION L0000195	VOLUME	477482.234	3742573.310	454.02
LOCATION L0000196	VOLUME	477490.823	3742573.185	453.97
LOCATION L0000197	VOLUME	477499.412	3742573.059	453.71
LOCATION L0000198	VOLUME	477508.001	3742572.934	453.46
LOCATION L0000199	VOLUME	477516.591	3742572.808	453.21
LOCATION L0000200	VOLUME	477525.180	3742572.683	453.10
LOCATION L0000201	VOLUME	477533.769	3742572.557	453.06
LOCATION L0000202	VOLUME	477542.358	3742572.431	453.03
LOCATION L0000203	VOLUME	477550.947	3742572.306	452.97
LOCATION L0000204	VOLUME	477559.536	3742572.180	452.72
LOCATION L0000205	VOLUME	477568.125	3742572.055	452.47
LOCATION L0000206	VOLUME	477576.714	3742571.929	452.23
LOCATION L0000207	VOLUME	477585.303	3742571.804	452.12
LOCATION L0000208	VOLUME	477593.892	3742571.678	452.08
LOCATION L0000209	VOLUME	477602.481	3742571.552	452.04
LOCATION L0000210	VOLUME	477611.070	3742571.427	451.97

LOCATION	VOLUME	477619.660	3742571.301	451.73
LOCATION L0000212	VOLUME	477628.249	3742571.176	451.49
LOCATION L0000213	VOLUME	477636.838	3742571.050	451.25
LOCATION L0000214	VOLUME	477645.427	3742570.925	451.14
LOCATION L0000215	VOLUME	477654.016	3742570.799	451.09
LOCATION L0000216	VOLUME	477662.605	3742570.673	451.04
LOCATION L0000217	VOLUME	477671.194	3742570.548	451.00
LOCATION L0000218	VOLUME	477679.783	3742570.422	451.00
LOCATION L0000219	VOLUME	477688.372	3742570.297	451.00
LOCATION L0000220	VOLUME	477696.961	3742570.171	451.00
LOCATION L0000221	VOLUME	477705.550	3742570.046	450.81
LOCATION L0000222	VOLUME	477714.139	3742569.920	450.52
LOCATION L0000223	VOLUME	477722.729	3742569.794	450.24
LOCATION L0000224	VOLUME	477731.318	3742569.669	450.00
LOCATION L0000225	VOLUME	477739.907	3742569.543	450.00
LOCATION L0000226	VOLUME	477748.496	3742569.418	450.00
LOCATION L0000227	VOLUME	477757.085	3742569.292	450.00
LOCATION L0000228	VOLUME	477765.674	3742569.167	449.85
LOCATION L0000229	VOLUME	477774.263	3742569.041	449.63
LOCATION L0000230	VOLUME	477782.852	3742568.915	449.42
LOCATION L0000231	VOLUME	477791.441	3742568.790	449.23
LOCATION L0000232	VOLUME	477800.030	3742568.664	449.17
LOCATION L0000233	VOLUME	477808.619	3742568.539	449.10
LOCATION L0000234	VOLUME	477817.208	3742568.413	449.02
LOCATION L0000235	VOLUME	477825.798	3742568.288	448.85
LOCATION L0000236	VOLUME	477834.387	3742568.162	448.65
LOCATION L0000237	VOLUME	477842.976	3742568.036	448.44
LOCATION L0000238	VOLUME	477851.565	3742567.911	448.26
LOCATION L0000239	VOLUME	477860.154	3742567.785	448.18

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

SRCPARAM VOL1	0.0058951857	5.000	91.316	1.400
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** LINE VOLUME Source ID = SLINE1

SRCPARAM L0000001	0.000001618	3.49	4.00	3.25
SRCPARAM L0000002	0.000001618	3.49	4.00	3.25
SRCPARAM L0000003	0.000001618	3.49	4.00	3.25
SRCPARAM L0000004	0.000001618	3.49	4.00	3.25
SRCPARAM L0000005	0.000001618	3.49	4.00	3.25
SRCPARAM L0000006	0.000001618	3.49	4.00	3.25
SRCPARAM L0000007	0.000001618	3.49	4.00	3.25
SRCPARAM L0000008	0.000001618	3.49	4.00	3.25
SRCPARAM L0000009	0.000001618	3.49	4.00	3.25
SRCPARAM L0000010	0.000001618	3.49	4.00	3.25
SRCPARAM L0000011	0.000001618	3.49	4.00	3.25
SRCPARAM L0000012	0.000001618	3.49	4.00	3.25
SRCPARAM L0000013	0.000001618	3.49	4.00	3.25
SRCPARAM L0000014	0.000001618	3.49	4.00	3.25
SRCPARAM L0000015	0.000001618	3.49	4.00	3.25
SRCPARAM L0000016	0.000001618	3.49	4.00	3.25
SRCPARAM L0000017	0.000001618	3.49	4.00	3.25
SRCPARAM L0000018	0.000001618	3.49	4.00	3.25
SRCPARAM L0000019	0.000001618	3.49	4.00	3.25
SRCPARAM L0000020	0.000001618	3.49	4.00	3.25
SRCPARAM L0000021	0.000001618	3.49	4.00	3.25
SRCPARAM L0000022	0.000001618	3.49	4.00	3.25
SRCPARAM L0000023	0.000001618	3.49	4.00	3.25
SRCPARAM L0000024	0.000001618	3.49	4.00	3.25
SRCPARAM L0000025	0.000001618	3.49	4.00	3.25
SRCPARAM L0000026	0.000001618	3.49	4.00	3.25
SRCPARAM L0000027	0.000001618	3.49	4.00	3.25
SRCPARAM L0000028	0.000001618	3.49	4.00	3.25
SRCPARAM L0000029	0.000001618	3.49	4.00	3.25
SRCPARAM L0000030	0.000001618	3.49	4.00	3.25
SRCPARAM L0000031	0.000001618	3.49	4.00	3.25
SRCPARAM L0000032	0.000001618	3.49	4.00	3.25
SRCPARAM L0000033	0.000001618	3.49	4.00	3.25

SRCPARAM	L0000232	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000233	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000234	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000235	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000236	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000237	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000238	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000239	0.000001618	3.49	4.00	3.25

** -----

URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	L0000001	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000001	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000001	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000001	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000002	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000003	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000004	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000005	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000006	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000007	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000008	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000009	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000010	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

**

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RE STARTING
INCLUDED "14198 Construction.rou"

RE FINISHED

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** AERMOD Meteorology Pathway

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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

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** AERMOD Output Pathway

**

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OU STARTING
** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14198 CONSTRUCTION.AD\AN00GALL.PLT" 31
SUMMFILE "14198 Construction.sum"

OU FINISHED

**

** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 11
** ZONEINX 0

**

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 11/14/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198 Construction\14198
Construction.ADI
**

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*****
** AERMOD Control Pathway
*****
**
**

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CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14198 Construction.err"

```

CO FINISHED

```

**
*****
** AERMOD Source Pathway
*****
**
**

```

SO STARTING

```

** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1          VOLUME      476404.604   3743158.543   475.660

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0003867656
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 476614.681, 3743359.856, 467.03, 3.49, 4.00
** 476609.447, 3742562.070, 481.34, 3.49, 4.00
** 476827.000, 3742564.497, 472.37, 3.49, 4.00
** 477310.633, 3742575.819, 457.00, 3.49, 4.00
** 477863.819, 3742567.732, 448.23, 3.49, 4.00

```

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-----
LOCATION L0000001      VOLUME      476614.653  3743355.561  467.17
LOCATION L0000002      VOLUME      476614.596  3743346.971  467.18
LOCATION L0000003      VOLUME      476614.540  3743338.382  467.18
LOCATION L0000004      VOLUME      476614.483  3743329.792  467.18
LOCATION L0000005      VOLUME      476614.427  3743321.202  467.32
LOCATION L0000006      VOLUME      476614.371  3743312.612  467.55
LOCATION L0000007      VOLUME      476614.314  3743304.022  467.79
LOCATION L0000008      VOLUME      476614.258  3743295.433  468.00
LOCATION L0000009      VOLUME      476614.202  3743286.843  468.06
LOCATION L0000010      VOLUME      476614.145  3743278.253  468.11
LOCATION L0000011      VOLUME      476614.089  3743269.663  468.17

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LOCATION	L0000012	VOLUME	476614.033	3743261.073	468.19
LOCATION	L0000013	VOLUME	476613.976	3743252.483	468.20
LOCATION	L0000014	VOLUME	476613.920	3743243.894	468.20
LOCATION	L0000015	VOLUME	476613.864	3743235.304	468.23
LOCATION	L0000016	VOLUME	476613.807	3743226.714	468.52
LOCATION	L0000017	VOLUME	476613.751	3743218.124	468.80
LOCATION	L0000018	VOLUME	476613.694	3743209.534	469.09
LOCATION	L0000019	VOLUME	476613.638	3743200.945	469.21
LOCATION	L0000020	VOLUME	476613.582	3743192.355	469.21
LOCATION	L0000021	VOLUME	476613.525	3743183.765	469.21
LOCATION	L0000022	VOLUME	476613.469	3743175.175	469.25
LOCATION	L0000023	VOLUME	476613.413	3743166.585	469.53
LOCATION	L0000024	VOLUME	476613.356	3743157.995	469.82
LOCATION	L0000025	VOLUME	476613.300	3743149.406	470.11
LOCATION	L0000026	VOLUME	476613.244	3743140.816	470.36
LOCATION	L0000027	VOLUME	476613.187	3743132.226	470.58
LOCATION	L0000028	VOLUME	476613.131	3743123.636	470.81
LOCATION	L0000029	VOLUME	476613.075	3743115.046	471.01
LOCATION	L0000030	VOLUME	476613.018	3743106.457	471.07
LOCATION	L0000031	VOLUME	476612.962	3743097.867	471.14
LOCATION	L0000032	VOLUME	476612.905	3743089.277	471.21
LOCATION	L0000033	VOLUME	476612.849	3743080.687	471.23
LOCATION	L0000034	VOLUME	476612.793	3743072.097	471.24
LOCATION	L0000035	VOLUME	476612.736	3743063.508	471.24
LOCATION	L0000036	VOLUME	476612.680	3743054.918	471.28
LOCATION	L0000037	VOLUME	476612.624	3743046.328	471.57
LOCATION	L0000038	VOLUME	476612.567	3743037.738	471.86
LOCATION	L0000039	VOLUME	476612.511	3743029.148	472.15
LOCATION	L0000040	VOLUME	476612.455	3743020.558	472.25
LOCATION	L0000041	VOLUME	476612.398	3743011.969	472.25
LOCATION	L0000042	VOLUME	476612.342	3743003.379	472.25
LOCATION	L0000043	VOLUME	476612.286	3742994.789	472.30
LOCATION	L0000044	VOLUME	476612.229	3742986.199	472.59
LOCATION	L0000045	VOLUME	476612.173	3742977.609	472.87
LOCATION	L0000046	VOLUME	476612.116	3742969.020	473.16
LOCATION	L0000047	VOLUME	476612.060	3742960.430	473.31
LOCATION	L0000048	VOLUME	476612.004	3742951.840	473.39
LOCATION	L0000049	VOLUME	476611.947	3742943.250	473.46
LOCATION	L0000050	VOLUME	476611.891	3742934.660	473.57
LOCATION	L0000051	VOLUME	476611.835	3742926.070	473.78
LOCATION	L0000052	VOLUME	476611.778	3742917.481	473.99
LOCATION	L0000053	VOLUME	476611.722	3742908.891	474.20
LOCATION	L0000054	VOLUME	476611.666	3742900.301	474.27
LOCATION	L0000055	VOLUME	476611.609	3742891.711	474.27
LOCATION	L0000056	VOLUME	476611.553	3742883.121	474.28
LOCATION	L0000057	VOLUME	476611.497	3742874.532	474.29
LOCATION	L0000058	VOLUME	476611.440	3742865.942	474.38
LOCATION	L0000059	VOLUME	476611.384	3742857.352	474.46
LOCATION	L0000060	VOLUME	476611.328	3742848.762	474.54
LOCATION	L0000061	VOLUME	476611.271	3742840.172	474.57
LOCATION	L0000062	VOLUME	476611.215	3742831.583	474.58
LOCATION	L0000063	VOLUME	476611.158	3742822.993	474.58
LOCATION	L0000064	VOLUME	476611.102	3742814.403	474.62
LOCATION	L0000065	VOLUME	476611.046	3742805.813	474.83
LOCATION	L0000066	VOLUME	476610.989	3742797.223	475.04
LOCATION	L0000067	VOLUME	476610.933	3742788.633	475.24
LOCATION	L0000068	VOLUME	476610.877	3742780.044	475.30
LOCATION	L0000069	VOLUME	476610.820	3742771.454	475.30
LOCATION	L0000070	VOLUME	476610.764	3742762.864	475.30
LOCATION	L0000071	VOLUME	476610.708	3742754.274	475.37
LOCATION	L0000072	VOLUME	476610.651	3742745.684	475.66
LOCATION	L0000073	VOLUME	476610.595	3742737.095	475.94
LOCATION	L0000074	VOLUME	476610.539	3742728.505	476.23
LOCATION	L0000075	VOLUME	476610.482	3742719.915	476.52
LOCATION	L0000076	VOLUME	476610.426	3742711.325	476.81
LOCATION	L0000077	VOLUME	476610.369	3742702.735	477.10

LOCATION	L0000078	VOLUME	476610.313	3742694.145	477.34
LOCATION	L0000079	VOLUME	476610.257	3742685.556	477.43
LOCATION	L0000080	VOLUME	476610.200	3742676.966	477.53
LOCATION	L0000081	VOLUME	476610.144	3742668.376	477.62
LOCATION	L0000082	VOLUME	476610.088	3742659.786	477.86
LOCATION	L0000083	VOLUME	476610.031	3742651.196	478.15
LOCATION	L0000084	VOLUME	476609.975	3742642.607	478.44
LOCATION	L0000085	VOLUME	476609.919	3742634.017	478.71
LOCATION	L0000086	VOLUME	476609.862	3742625.427	478.90
LOCATION	L0000087	VOLUME	476609.806	3742616.837	479.10
LOCATION	L0000088	VOLUME	476609.750	3742608.247	479.29
LOCATION	L0000089	VOLUME	476609.693	3742599.658	479.63
LOCATION	L0000090	VOLUME	476609.637	3742591.068	480.01
LOCATION	L0000091	VOLUME	476609.580	3742582.478	480.40
LOCATION	L0000092	VOLUME	476609.524	3742573.888	480.76
LOCATION	L0000093	VOLUME	476609.468	3742565.298	481.05
LOCATION	L0000094	VOLUME	476614.808	3742562.130	480.80
LOCATION	L0000095	VOLUME	476623.398	3742562.226	480.35
LOCATION	L0000096	VOLUME	476631.987	3742562.322	480.06
LOCATION	L0000097	VOLUME	476640.577	3742562.418	479.77
LOCATION	L0000098	VOLUME	476649.166	3742562.513	479.48
LOCATION	L0000099	VOLUME	476657.756	3742562.609	479.19
LOCATION	L0000100	VOLUME	476666.345	3742562.705	478.90
LOCATION	L0000101	VOLUME	476674.935	3742562.801	478.61
LOCATION	L0000102	VOLUME	476683.524	3742562.897	478.32
LOCATION	L0000103	VOLUME	476692.113	3742562.992	478.03
LOCATION	L0000104	VOLUME	476700.703	3742563.088	477.74
LOCATION	L0000105	VOLUME	476709.292	3742563.184	477.45
LOCATION	L0000106	VOLUME	476717.882	3742563.280	477.31
LOCATION	L0000107	VOLUME	476726.471	3742563.375	477.19
LOCATION	L0000108	VOLUME	476735.061	3742563.471	477.07
LOCATION	L0000109	VOLUME	476743.650	3742563.567	476.80
LOCATION	L0000110	VOLUME	476752.240	3742563.663	476.35
LOCATION	L0000111	VOLUME	476760.829	3742563.759	475.89
LOCATION	L0000112	VOLUME	476769.419	3742563.854	475.43
LOCATION	L0000113	VOLUME	476778.008	3742563.950	475.41
LOCATION	L0000114	VOLUME	476786.598	3742564.046	474.40
LOCATION	L0000115	VOLUME	476795.187	3742564.142	474.40
LOCATION	L0000116	VOLUME	476803.777	3742564.238	474.14
LOCATION	L0000117	VOLUME	476812.366	3742564.333	473.56
LOCATION	L0000118	VOLUME	476820.955	3742564.429	472.98
LOCATION	L0000119	VOLUME	476829.544	3742564.526	472.41
LOCATION	L0000120	VOLUME	476838.132	3742564.622	472.10
LOCATION	L0000121	VOLUME	476846.720	3742564.718	471.81
LOCATION	L0000122	VOLUME	476855.307	3742565.814	471.52
LOCATION	L0000123	VOLUME	476863.895	3742565.910	471.23
LOCATION	L0000124	VOLUME	476872.483	3742565.006	470.93
LOCATION	L0000125	VOLUME	476881.070	3742565.102	470.64
LOCATION	L0000126	VOLUME	476889.658	3742565.198	470.35
LOCATION	L0000127	VOLUME	476898.246	3742566.294	469.96
LOCATION	L0000128	VOLUME	476906.833	3742566.390	469.58
LOCATION	L0000129	VOLUME	476915.421	3742566.486	469.20
LOCATION	L0000130	VOLUME	476924.009	3742566.582	468.86
LOCATION	L0000131	VOLUME	476932.596	3742566.678	468.58
LOCATION	L0000132	VOLUME	476941.184	3742567.774	468.29
LOCATION	L0000133	VOLUME	476949.771	3742567.870	468.00
LOCATION	L0000134	VOLUME	476958.359	3742567.966	467.72
LOCATION	L0000135	VOLUME	476966.947	3742568.062	467.43
LOCATION	L0000136	VOLUME	476975.534	3742568.158	467.14
LOCATION	L0000137	VOLUME	476984.122	3742568.254	466.86
LOCATION	L0000138	VOLUME	476992.710	3742568.350	466.57
LOCATION	L0000139	VOLUME	477001.297	3742568.446	466.29
LOCATION	L0000140	VOLUME	477009.885	3742568.542	466.00
LOCATION	L0000141	VOLUME	477018.473	3742568.638	465.49
LOCATION	L0000142	VOLUME	477027.060	3742569.734	464.99
LOCATION	L0000143	VOLUME	477035.648	3742569.830	464.48

LOCATION L0000144	VOLUME	477044.236	3742569.582	464.07
LOCATION L0000145	VOLUME	477052.823	3742569.783	463.78
LOCATION L0000146	VOLUME	477061.411	3742569.985	463.49
LOCATION L0000147	VOLUME	477069.999	3742570.186	463.20
LOCATION L0000148	VOLUME	477078.586	3742570.387	463.14
LOCATION L0000149	VOLUME	477087.174	3742570.588	463.08
LOCATION L0000150	VOLUME	477095.761	3742570.789	463.02
LOCATION L0000151	VOLUME	477104.349	3742570.990	462.85
LOCATION L0000152	VOLUME	477112.937	3742571.191	462.56
LOCATION L0000153	VOLUME	477121.524	3742571.392	462.28
LOCATION L0000154	VOLUME	477130.112	3742571.593	461.99
LOCATION L0000155	VOLUME	477138.700	3742571.794	461.71
LOCATION L0000156	VOLUME	477147.287	3742571.995	461.42
LOCATION L0000157	VOLUME	477155.875	3742572.196	461.13
LOCATION L0000158	VOLUME	477164.463	3742572.397	460.85
LOCATION L0000159	VOLUME	477173.050	3742572.598	460.56
LOCATION L0000160	VOLUME	477181.638	3742572.799	460.27
LOCATION L0000161	VOLUME	477190.226	3742573.000	459.99
LOCATION L0000162	VOLUME	477198.813	3742573.201	459.73
LOCATION L0000163	VOLUME	477207.401	3742573.402	459.47
LOCATION L0000164	VOLUME	477215.989	3742573.603	459.20
LOCATION L0000165	VOLUME	477224.576	3742573.804	458.92
LOCATION L0000166	VOLUME	477233.164	3742574.005	458.63
LOCATION L0000167	VOLUME	477241.751	3742574.207	458.34
LOCATION L0000168	VOLUME	477250.339	3742574.408	458.06
LOCATION L0000169	VOLUME	477258.927	3742574.609	458.04
LOCATION L0000170	VOLUME	477267.514	3742574.810	458.02
LOCATION L0000171	VOLUME	477276.102	3742575.011	458.00
LOCATION L0000172	VOLUME	477284.690	3742575.212	457.84
LOCATION L0000173	VOLUME	477293.277	3742575.413	457.55
LOCATION L0000174	VOLUME	477301.865	3742575.614	457.27
LOCATION L0000175	VOLUME	477310.453	3742575.815	456.98
LOCATION L0000176	VOLUME	477319.042	3742575.696	456.69
LOCATION L0000177	VOLUME	477327.631	3742575.571	456.41
LOCATION L0000178	VOLUME	477336.220	3742575.445	456.12
LOCATION L0000179	VOLUME	477344.809	3742575.320	456.00
LOCATION L0000180	VOLUME	477353.398	3742575.194	456.00
LOCATION L0000181	VOLUME	477361.987	3742575.068	456.00
LOCATION L0000182	VOLUME	477370.576	3742574.943	456.00
LOCATION L0000183	VOLUME	477379.165	3742574.817	456.00
LOCATION L0000184	VOLUME	477387.754	3742574.692	456.00
LOCATION L0000185	VOLUME	477396.343	3742574.566	456.00
LOCATION L0000186	VOLUME	477404.933	3742574.441	455.83
LOCATION L0000187	VOLUME	477413.522	3742574.315	455.55
LOCATION L0000188	VOLUME	477422.111	3742574.189	455.26
LOCATION L0000189	VOLUME	477430.700	3742574.064	454.97
LOCATION L0000190	VOLUME	477439.289	3742573.938	454.71
LOCATION L0000191	VOLUME	477447.878	3742573.813	454.45
LOCATION L0000192	VOLUME	477456.467	3742573.687	454.19
LOCATION L0000193	VOLUME	477465.056	3742573.562	454.07
LOCATION L0000194	VOLUME	477473.645	3742573.436	454.05
LOCATION L0000195	VOLUME	477482.234	3742573.310	454.02
LOCATION L0000196	VOLUME	477490.823	3742573.185	453.97
LOCATION L0000197	VOLUME	477499.412	3742573.059	453.71
LOCATION L0000198	VOLUME	477508.001	3742572.934	453.46
LOCATION L0000199	VOLUME	477516.591	3742572.808	453.21
LOCATION L0000200	VOLUME	477525.180	3742572.683	453.10
LOCATION L0000201	VOLUME	477533.769	3742572.557	453.06
LOCATION L0000202	VOLUME	477542.358	3742572.431	453.03
LOCATION L0000203	VOLUME	477550.947	3742572.306	452.97
LOCATION L0000204	VOLUME	477559.536	3742572.180	452.72
LOCATION L0000205	VOLUME	477568.125	3742572.055	452.47
LOCATION L0000206	VOLUME	477576.714	3742571.929	452.23
LOCATION L0000207	VOLUME	477585.303	3742571.804	452.12
LOCATION L0000208	VOLUME	477593.892	3742571.678	452.08
LOCATION L0000209	VOLUME	477602.481	3742571.552	452.04

LOCATION	VOLUME	477611.070	3742571.427	451.97
LOCATION L0000210	VOLUME	477611.070	3742571.427	451.97
LOCATION L0000211	VOLUME	477619.660	3742571.301	451.73
LOCATION L0000212	VOLUME	477628.249	3742571.176	451.49
LOCATION L0000213	VOLUME	477636.838	3742571.050	451.25
LOCATION L0000214	VOLUME	477645.427	3742570.925	451.14
LOCATION L0000215	VOLUME	477654.016	3742570.799	451.09
LOCATION L0000216	VOLUME	477662.605	3742570.673	451.04
LOCATION L0000217	VOLUME	477671.194	3742570.548	451.00
LOCATION L0000218	VOLUME	477679.783	3742570.422	451.00
LOCATION L0000219	VOLUME	477688.372	3742570.297	451.00
LOCATION L0000220	VOLUME	477696.961	3742570.171	451.00
LOCATION L0000221	VOLUME	477705.550	3742570.046	450.81
LOCATION L0000222	VOLUME	477714.139	3742569.920	450.52
LOCATION L0000223	VOLUME	477722.729	3742569.794	450.24
LOCATION L0000224	VOLUME	477731.318	3742569.669	450.00
LOCATION L0000225	VOLUME	477739.907	3742569.543	450.00
LOCATION L0000226	VOLUME	477748.496	3742569.418	450.00
LOCATION L0000227	VOLUME	477757.085	3742569.292	450.00
LOCATION L0000228	VOLUME	477765.674	3742569.167	449.85
LOCATION L0000229	VOLUME	477774.263	3742569.041	449.63
LOCATION L0000230	VOLUME	477782.852	3742568.915	449.42
LOCATION L0000231	VOLUME	477791.441	3742568.790	449.23
LOCATION L0000232	VOLUME	477800.030	3742568.664	449.17
LOCATION L0000233	VOLUME	477808.619	3742568.539	449.10
LOCATION L0000234	VOLUME	477817.208	3742568.413	449.02
LOCATION L0000235	VOLUME	477825.798	3742568.288	448.85
LOCATION L0000236	VOLUME	477834.387	3742568.162	448.65
LOCATION L0000237	VOLUME	477842.976	3742568.036	448.44
LOCATION L0000238	VOLUME	477851.565	3742567.911	448.26
LOCATION L0000239	VOLUME	477860.154	3742567.785	448.18

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

SRCPARAM VOL1	0.0058951857	5.000	91.316	1.400
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** LINE VOLUME Source ID = SLINE1

SRCPARAM	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000001	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000002	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000003	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000004	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000005	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000006	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000007	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000008	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000009	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000010	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000011	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000012	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000013	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000014	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000015	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000016	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000017	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000018	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000019	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000020	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000021	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000022	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000023	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000024	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000025	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000026	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000027	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000028	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000029	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000030	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000031	VOLUME	0.000001618	3.49	4.00	3.25
SRCPARAM L0000032	VOLUME	0.000001618	3.49	4.00	3.25

SRCPARAM	L0000231	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000232	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000233	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000234	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000235	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000236	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000237	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000238	0.000001618	3.49	4.00	3.25
SRCPARAM	L0000239	0.000001618	3.49	4.00	3.25

** -----

URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	L0000001	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000001	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000001	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000001	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000002	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000003	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000004	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000005	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000006	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000007	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000008	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000009	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0


```
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14198 Construction.rou"
RE FINISHED
**
```

```
** AERMOD Meteorology Pathway
*****
**
**
```

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

```
ME FINISHED
**
*****
```

```
** AERMOD Output Pathway
*****
**
**
```

```
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "14198 CONSTRUCTION.AD\AN00GALL.PLT" 31
  SUMMFILE "14198 Construction.sum"
OU FINISHED
```

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

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

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

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

```
***** WARNING MESSAGES *****
ME W186    3451      MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    3451      MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
```

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

```
*** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 ***             11/14/22
*** AERMET - VERSION 16216 ***
***                                     ***                               17:04:18
```

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

** 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 240 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: 240 Source(s); 1 Source Group(s); and 61 Receptor(s)

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

and: 240 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: 14198

Construction.err

**File for Summary of Results: 14198

Construction.sum

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						
VOL1	0	0.58952E-02	476404.6	3743158.5	475.7	5.00	91.32	1.40
YES HRDOW								
L0000001	0	0.16180E-05	476614.7	3743355.6	467.2	3.49	4.00	3.25
YES HRDOW								
L0000002	0	0.16180E-05	476614.6	3743347.0	467.2	3.49	4.00	3.25
YES HRDOW								
L0000003	0	0.16180E-05	476614.5	3743338.4	467.2	3.49	4.00	3.25
YES HRDOW								
L0000004	0	0.16180E-05	476614.5	3743329.8	467.2	3.49	4.00	3.25
YES HRDOW								
L0000005	0	0.16180E-05	476614.4	3743321.2	467.3	3.49	4.00	3.25
YES HRDOW								
L0000006	0	0.16180E-05	476614.4	3743312.6	467.6	3.49	4.00	3.25
YES HRDOW								
L0000007	0	0.16180E-05	476614.3	3743304.0	467.8	3.49	4.00	3.25
YES HRDOW								
L0000008	0	0.16180E-05	476614.3	3743295.4	468.0	3.49	4.00	3.25
YES HRDOW								
L0000009	0	0.16180E-05	476614.2	3743286.8	468.1	3.49	4.00	3.25
YES HRDOW								
L0000010	0	0.16180E-05	476614.1	3743278.3	468.1	3.49	4.00	3.25
YES HRDOW								
L0000011	0	0.16180E-05	476614.1	3743269.7	468.2	3.49	4.00	3.25
YES HRDOW								
L0000012	0	0.16180E-05	476614.0	3743261.1	468.2	3.49	4.00	3.25
YES HRDOW								
L0000013	0	0.16180E-05	476614.0	3743252.5	468.2	3.49	4.00	3.25
YES HRDOW								
L0000014	0	0.16180E-05	476613.9	3743243.9	468.2	3.49	4.00	3.25
YES HRDOW								
L0000015	0	0.16180E-05	476613.9	3743235.3	468.2	3.49	4.00	3.25
YES HRDOW								
L0000016	0	0.16180E-05	476613.8	3743226.7	468.5	3.49	4.00	3.25
YES HRDOW								
L0000017	0	0.16180E-05	476613.8	3743218.1	468.8	3.49	4.00	3.25
YES HRDOW								
L0000018	0	0.16180E-05	476613.7	3743209.5	469.1	3.49	4.00	3.25
YES HRDOW								
L0000019	0	0.16180E-05	476613.6	3743200.9	469.2	3.49	4.00	3.25
YES HRDOW								
L0000020	0	0.16180E-05	476613.6	3743192.4	469.2	3.49	4.00	3.25
YES HRDOW								
L0000021	0	0.16180E-05	476613.5	3743183.8	469.2	3.49	4.00	3.25

YES	HRDOW	L0000022	0	0.16180E-05	476613.5	3743175.2	469.2	3.49	4.00	3.25
YES	HRDOW	L0000023	0	0.16180E-05	476613.4	3743166.6	469.5	3.49	4.00	3.25
YES	HRDOW	L0000024	0	0.16180E-05	476613.4	3743158.0	469.8	3.49	4.00	3.25
YES	HRDOW	L0000025	0	0.16180E-05	476613.3	3743149.4	470.1	3.49	4.00	3.25
YES	HRDOW	L0000026	0	0.16180E-05	476613.2	3743140.8	470.4	3.49	4.00	3.25
YES	HRDOW	L0000027	0	0.16180E-05	476613.2	3743132.2	470.6	3.49	4.00	3.25
YES	HRDOW	L0000028	0	0.16180E-05	476613.1	3743123.6	470.8	3.49	4.00	3.25
YES	HRDOW	L0000029	0	0.16180E-05	476613.1	3743115.0	471.0	3.49	4.00	3.25
YES	HRDOW	L0000030	0	0.16180E-05	476613.0	3743106.5	471.1	3.49	4.00	3.25
YES	HRDOW	L0000031	0	0.16180E-05	476613.0	3743097.9	471.1	3.49	4.00	3.25
YES	HRDOW	L0000032	0	0.16180E-05	476612.9	3743089.3	471.2	3.49	4.00	3.25
YES	HRDOW	L0000033	0	0.16180E-05	476612.8	3743080.7	471.2	3.49	4.00	3.25
YES	HRDOW	L0000034	0	0.16180E-05	476612.8	3743072.1	471.2	3.49	4.00	3.25
YES	HRDOW	L0000035	0	0.16180E-05	476612.7	3743063.5	471.2	3.49	4.00	3.25
YES	HRDOW	L0000036	0	0.16180E-05	476612.7	3743054.9	471.3	3.49	4.00	3.25
YES	HRDOW	L0000037	0	0.16180E-05	476612.6	3743046.3	471.6	3.49	4.00	3.25
YES	HRDOW	L0000038	0	0.16180E-05	476612.6	3743037.7	471.9	3.49	4.00	3.25
YES	HRDOW	L0000039	0	0.16180E-05	476612.5	3743029.1	472.2	3.49	4.00	3.25
YES	HRDOW	L0000040	0	0.16180E-05	476612.5	3743020.6	472.2	3.49	4.00	3.25

```

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Patterson\14198 ***                11/14/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.		
SOURCE	URBAN	EMISSION RATE	ELEV.	HEIGHT	SY	SZ		
SCALAR VARY	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)		
ID	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)								
L0000040	0	0.16180E-05	476612.5	3743020.6	472.2	3.49	4.00	3.25
YES HRDOW								
L0000041	0	0.16180E-05	476612.4	3743012.0	472.2	3.49	4.00	3.25
YES HRDOW								
L0000042	0	0.16180E-05	476612.3	3743003.4	472.2	3.49	4.00	3.25
YES HRDOW								
L0000043	0	0.16180E-05	476612.3	3742994.8	472.3	3.49	4.00	3.25
YES HRDOW								
L0000044	0	0.16180E-05	476612.2	3742986.2	472.6	3.49	4.00	3.25

YES HRDOW	L0000045	0	0.16180E-05	476612.2	3742977.6	472.9	3.49	4.00	3.25
YES HRDOW	L0000046	0	0.16180E-05	476612.1	3742969.0	473.2	3.49	4.00	3.25
YES HRDOW	L0000047	0	0.16180E-05	476612.1	3742960.4	473.3	3.49	4.00	3.25
YES HRDOW	L0000048	0	0.16180E-05	476612.0	3742951.8	473.4	3.49	4.00	3.25
YES HRDOW	L0000049	0	0.16180E-05	476611.9	3742943.2	473.5	3.49	4.00	3.25
YES HRDOW	L0000050	0	0.16180E-05	476611.9	3742934.7	473.6	3.49	4.00	3.25
YES HRDOW	L0000051	0	0.16180E-05	476611.8	3742926.1	473.8	3.49	4.00	3.25
YES HRDOW	L0000052	0	0.16180E-05	476611.8	3742917.5	474.0	3.49	4.00	3.25
YES HRDOW	L0000053	0	0.16180E-05	476611.7	3742908.9	474.2	3.49	4.00	3.25
YES HRDOW	L0000054	0	0.16180E-05	476611.7	3742900.3	474.3	3.49	4.00	3.25
YES HRDOW	L0000055	0	0.16180E-05	476611.6	3742891.7	474.3	3.49	4.00	3.25
YES HRDOW	L0000056	0	0.16180E-05	476611.6	3742883.1	474.3	3.49	4.00	3.25
YES HRDOW	L0000057	0	0.16180E-05	476611.5	3742874.5	474.3	3.49	4.00	3.25
YES HRDOW	L0000058	0	0.16180E-05	476611.4	3742865.9	474.4	3.49	4.00	3.25
YES HRDOW	L0000059	0	0.16180E-05	476611.4	3742857.4	474.5	3.49	4.00	3.25
YES HRDOW	L0000060	0	0.16180E-05	476611.3	3742848.8	474.5	3.49	4.00	3.25
YES HRDOW	L0000061	0	0.16180E-05	476611.3	3742840.2	474.6	3.49	4.00	3.25
YES HRDOW	L0000062	0	0.16180E-05	476611.2	3742831.6	474.6	3.49	4.00	3.25
YES HRDOW	L0000063	0	0.16180E-05	476611.2	3742823.0	474.6	3.49	4.00	3.25
YES HRDOW	L0000064	0	0.16180E-05	476611.1	3742814.4	474.6	3.49	4.00	3.25
YES HRDOW	L0000065	0	0.16180E-05	476611.0	3742805.8	474.8	3.49	4.00	3.25
YES HRDOW	L0000066	0	0.16180E-05	476611.0	3742797.2	475.0	3.49	4.00	3.25
YES HRDOW	L0000067	0	0.16180E-05	476610.9	3742788.6	475.2	3.49	4.00	3.25
YES HRDOW	L0000068	0	0.16180E-05	476610.9	3742780.0	475.3	3.49	4.00	3.25
YES HRDOW	L0000069	0	0.16180E-05	476610.8	3742771.5	475.3	3.49	4.00	3.25
YES HRDOW	L0000070	0	0.16180E-05	476610.8	3742762.9	475.3	3.49	4.00	3.25
YES HRDOW	L0000071	0	0.16180E-05	476610.7	3742754.3	475.4	3.49	4.00	3.25
YES HRDOW	L0000072	0	0.16180E-05	476610.7	3742745.7	475.7	3.49	4.00	3.25
YES HRDOW	L0000073	0	0.16180E-05	476610.6	3742737.1	475.9	3.49	4.00	3.25
YES HRDOW	L0000074	0	0.16180E-05	476610.5	3742728.5	476.2	3.49	4.00	3.25
YES HRDOW	L0000075	0	0.16180E-05	476610.5	3742719.9	476.5	3.49	4.00	3.25
YES HRDOW	L0000076	0	0.16180E-05	476610.4	3742711.3	476.8	3.49	4.00	3.25
YES HRDOW	L0000077	0	0.16180E-05	476610.4	3742702.7	477.1	3.49	4.00	3.25

YES HRDOW
L0000078 0 0.16180E-05 476610.3 3742694.1 477.3 3.49 4.00 3.25
YES HRDOW
L0000079 0 0.16180E-05 476610.3 3742685.6 477.4 3.49 4.00 3.25

YES HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE						
SOURCE	PART.	(GRAMS/SEC)		X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY							
(METERS)	CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0000080	0	0.16180E-05	476610.2	3742677.0	477.5	3.49	4.00	3.25	
YES HRDOW									
L0000081	0	0.16180E-05	476610.1	3742668.4	477.6	3.49	4.00	3.25	
YES HRDOW									
L0000082	0	0.16180E-05	476610.1	3742659.8	477.9	3.49	4.00	3.25	
YES HRDOW									
L0000083	0	0.16180E-05	476610.0	3742651.2	478.2	3.49	4.00	3.25	
YES HRDOW									
L0000084	0	0.16180E-05	476610.0	3742642.6	478.4	3.49	4.00	3.25	
YES HRDOW									
L0000085	0	0.16180E-05	476609.9	3742634.0	478.7	3.49	4.00	3.25	
YES HRDOW									
L0000086	0	0.16180E-05	476609.9	3742625.4	478.9	3.49	4.00	3.25	
YES HRDOW									
L0000087	0	0.16180E-05	476609.8	3742616.8	479.1	3.49	4.00	3.25	
YES HRDOW									
L0000088	0	0.16180E-05	476609.8	3742608.2	479.3	3.49	4.00	3.25	
YES HRDOW									
L0000089	0	0.16180E-05	476609.7	3742599.7	479.6	3.49	4.00	3.25	
YES HRDOW									
L0000090	0	0.16180E-05	476609.6	3742591.1	480.0	3.49	4.00	3.25	
YES HRDOW									
L0000091	0	0.16180E-05	476609.6	3742582.5	480.4	3.49	4.00	3.25	
YES HRDOW									
L0000092	0	0.16180E-05	476609.5	3742573.9	480.8	3.49	4.00	3.25	
YES HRDOW									
L0000093	0	0.16180E-05	476609.5	3742565.3	481.1	3.49	4.00	3.25	
YES HRDOW									
L0000094	0	0.16180E-05	476614.8	3742562.1	480.8	3.49	4.00	3.25	
YES HRDOW									
L0000095	0	0.16180E-05	476623.4	3742562.2	480.4	3.49	4.00	3.25	
YES HRDOW									
L0000096	0	0.16180E-05	476632.0	3742562.3	480.1	3.49	4.00	3.25	
YES HRDOW									
L0000097	0	0.16180E-05	476640.6	3742562.4	479.8	3.49	4.00	3.25	
YES HRDOW									
L0000098	0	0.16180E-05	476649.2	3742562.5	479.5	3.49	4.00	3.25	
YES HRDOW									
L0000099	0	0.16180E-05	476657.8	3742562.6	479.2	3.49	4.00	3.25	
YES HRDOW									
L0000100	0	0.16180E-05	476666.3	3742562.7	478.9	3.49	4.00	3.25	

YES	HRDOW								
L0000101		0	0.16180E-05	476674.9	3742562.8	478.6	3.49	4.00	3.25
YES	HRDOW								
L0000102		0	0.16180E-05	476683.5	3742562.9	478.3	3.49	4.00	3.25
YES	HRDOW								
L0000103		0	0.16180E-05	476692.1	3742563.0	478.0	3.49	4.00	3.25
YES	HRDOW								
L0000104		0	0.16180E-05	476700.7	3742563.1	477.7	3.49	4.00	3.25
YES	HRDOW								
L0000105		0	0.16180E-05	476709.3	3742563.2	477.4	3.49	4.00	3.25
YES	HRDOW								
L0000106		0	0.16180E-05	476717.9	3742563.3	477.3	3.49	4.00	3.25
YES	HRDOW								
L0000107		0	0.16180E-05	476726.5	3742563.4	477.2	3.49	4.00	3.25
YES	HRDOW								
L0000108		0	0.16180E-05	476735.1	3742563.5	477.1	3.49	4.00	3.25
YES	HRDOW								
L0000109		0	0.16180E-05	476743.6	3742563.6	476.8	3.49	4.00	3.25
YES	HRDOW								
L0000110		0	0.16180E-05	476752.2	3742563.7	476.4	3.49	4.00	3.25
YES	HRDOW								
L0000111		0	0.16180E-05	476760.8	3742563.8	475.9	3.49	4.00	3.25
YES	HRDOW								
L0000112		0	0.16180E-05	476769.4	3742563.9	475.4	3.49	4.00	3.25
YES	HRDOW								
L0000113		0	0.16180E-05	476778.0	3742563.9	475.4	3.49	4.00	3.25
YES	HRDOW								
L0000114		0	0.16180E-05	476786.6	3742564.0	474.4	3.49	4.00	3.25
YES	HRDOW								
L0000115		0	0.16180E-05	476795.2	3742564.1	474.4	3.49	4.00	3.25
YES	HRDOW								
L0000116		0	0.16180E-05	476803.8	3742564.2	474.1	3.49	4.00	3.25
YES	HRDOW								
L0000117		0	0.16180E-05	476812.4	3742564.3	473.6	3.49	4.00	3.25
YES	HRDOW								
L0000118		0	0.16180E-05	476821.0	3742564.4	473.0	3.49	4.00	3.25
YES	HRDOW								
L0000119		0	0.16180E-05	476829.5	3742564.6	472.4	3.49	4.00	3.25
YES	HRDOW								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000120		0	0.16180E-05	476838.1	3742564.8	472.1	3.49	4.00	3.25
YES	HRDOW								
L0000121		0	0.16180E-05	476846.7	3742565.0	471.8	3.49	4.00	3.25
YES	HRDOW								
L0000122		0	0.16180E-05	476855.3	3742565.2	471.5	3.49	4.00	3.25
YES	HRDOW								
L0000123		0	0.16180E-05	476863.9	3742565.4	471.2	3.49	4.00	3.25

YES	HRDOW								
L0000124		0	0.16180E-05	476872.5	3742565.6	470.9	3.49	4.00	3.25
YES	HRDOW								
L0000125		0	0.16180E-05	476881.1	3742565.8	470.6	3.49	4.00	3.25
YES	HRDOW								
L0000126		0	0.16180E-05	476889.7	3742566.0	470.4	3.49	4.00	3.25
YES	HRDOW								
L0000127		0	0.16180E-05	476898.2	3742566.2	470.0	3.49	4.00	3.25
YES	HRDOW								
L0000128		0	0.16180E-05	476906.8	3742566.4	469.6	3.49	4.00	3.25
YES	HRDOW								
L0000129		0	0.16180E-05	476915.4	3742566.6	469.2	3.49	4.00	3.25
YES	HRDOW								
L0000130		0	0.16180E-05	476924.0	3742566.8	468.9	3.49	4.00	3.25
YES	HRDOW								
L0000131		0	0.16180E-05	476932.6	3742567.0	468.6	3.49	4.00	3.25
YES	HRDOW								
L0000132		0	0.16180E-05	476941.2	3742567.2	468.3	3.49	4.00	3.25
YES	HRDOW								
L0000133		0	0.16180E-05	476949.8	3742567.4	468.0	3.49	4.00	3.25
YES	HRDOW								
L0000134		0	0.16180E-05	476958.4	3742567.6	467.7	3.49	4.00	3.25
YES	HRDOW								
L0000135		0	0.16180E-05	476966.9	3742567.8	467.4	3.49	4.00	3.25
YES	HRDOW								
L0000136		0	0.16180E-05	476975.5	3742568.0	467.1	3.49	4.00	3.25
YES	HRDOW								
L0000137		0	0.16180E-05	476984.1	3742568.2	466.9	3.49	4.00	3.25
YES	HRDOW								
L0000138		0	0.16180E-05	476992.7	3742568.4	466.6	3.49	4.00	3.25
YES	HRDOW								
L0000139		0	0.16180E-05	477001.3	3742568.6	466.3	3.49	4.00	3.25
YES	HRDOW								
L0000140		0	0.16180E-05	477009.9	3742568.8	466.0	3.49	4.00	3.25
YES	HRDOW								
L0000141		0	0.16180E-05	477018.5	3742569.0	465.5	3.49	4.00	3.25
YES	HRDOW								
L0000142		0	0.16180E-05	477027.1	3742569.2	465.0	3.49	4.00	3.25
YES	HRDOW								
L0000143		0	0.16180E-05	477035.6	3742569.4	464.5	3.49	4.00	3.25
YES	HRDOW								
L0000144		0	0.16180E-05	477044.2	3742569.6	464.1	3.49	4.00	3.25
YES	HRDOW								
L0000145		0	0.16180E-05	477052.8	3742569.8	463.8	3.49	4.00	3.25
YES	HRDOW								
L0000146		0	0.16180E-05	477061.4	3742570.0	463.5	3.49	4.00	3.25
YES	HRDOW								
L0000147		0	0.16180E-05	477070.0	3742570.2	463.2	3.49	4.00	3.25
YES	HRDOW								
L0000148		0	0.16180E-05	477078.6	3742570.4	463.1	3.49	4.00	3.25
YES	HRDOW								
L0000149		0	0.16180E-05	477087.2	3742570.6	463.1	3.49	4.00	3.25
YES	HRDOW								
L0000150		0	0.16180E-05	477095.8	3742570.8	463.0	3.49	4.00	3.25
YES	HRDOW								
L0000151		0	0.16180E-05	477104.3	3742571.0	462.9	3.49	4.00	3.25
YES	HRDOW								
L0000152		0	0.16180E-05	477112.9	3742571.2	462.6	3.49	4.00	3.25
YES	HRDOW								
L0000153		0	0.16180E-05	477121.5	3742571.4	462.3	3.49	4.00	3.25
YES	HRDOW								
L0000154		0	0.16180E-05	477130.1	3742571.6	462.0	3.49	4.00	3.25
YES	HRDOW								
L0000155		0	0.16180E-05	477138.7	3742571.8	461.7	3.49	4.00	3.25
YES	HRDOW								
L0000156		0	0.16180E-05	477147.3	3742572.0	461.4	3.49	4.00	3.25

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YES  HRDOW
L0000157
YES  HRDOW
L0000158
YES  HRDOW
L0000159
YES  HRDOW

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0  0.16180E-05  477155.9  3742572.2  461.1  3.49  4.00  3.25
0  0.16180E-05  477164.5  3742572.4  460.9  3.49  4.00  3.25
0  0.16180E-05  477173.0  3742572.6  460.6  3.49  4.00  3.25

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Patterson\14198 ***             11/14/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER URBAN	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ
SOURCE ID (METERS)	PART. CATS.	EMISSION RATE BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0000160	0	0.16180E-05	477181.6	3742572.8	460.3	3.49	4.00	3.25
YES HRDOW								
L0000161	0	0.16180E-05	477190.2	3742573.0	460.0	3.49	4.00	3.25
YES HRDOW								
L0000162	0	0.16180E-05	477198.8	3742573.2	459.7	3.49	4.00	3.25
YES HRDOW								
L0000163	0	0.16180E-05	477207.4	3742573.4	459.5	3.49	4.00	3.25
YES HRDOW								
L0000164	0	0.16180E-05	477216.0	3742573.6	459.2	3.49	4.00	3.25
YES HRDOW								
L0000165	0	0.16180E-05	477224.6	3742573.8	458.9	3.49	4.00	3.25
YES HRDOW								
L0000166	0	0.16180E-05	477233.2	3742574.0	458.6	3.49	4.00	3.25
YES HRDOW								
L0000167	0	0.16180E-05	477241.8	3742574.2	458.3	3.49	4.00	3.25
YES HRDOW								
L0000168	0	0.16180E-05	477250.3	3742574.4	458.1	3.49	4.00	3.25
YES HRDOW								
L0000169	0	0.16180E-05	477258.9	3742574.6	458.0	3.49	4.00	3.25
YES HRDOW								
L0000170	0	0.16180E-05	477267.5	3742574.8	458.0	3.49	4.00	3.25
YES HRDOW								
L0000171	0	0.16180E-05	477276.1	3742575.0	458.0	3.49	4.00	3.25
YES HRDOW								
L0000172	0	0.16180E-05	477284.7	3742575.2	457.8	3.49	4.00	3.25
YES HRDOW								
L0000173	0	0.16180E-05	477293.3	3742575.4	457.6	3.49	4.00	3.25
YES HRDOW								
L0000174	0	0.16180E-05	477301.9	3742575.6	457.3	3.49	4.00	3.25
YES HRDOW								
L0000175	0	0.16180E-05	477310.5	3742575.8	457.0	3.49	4.00	3.25
YES HRDOW								
L0000176	0	0.16180E-05	477319.0	3742575.7	456.7	3.49	4.00	3.25
YES HRDOW								
L0000177	0	0.16180E-05	477327.6	3742575.6	456.4	3.49	4.00	3.25
YES HRDOW								
L0000178	0	0.16180E-05	477336.2	3742575.4	456.1	3.49	4.00	3.25
YES HRDOW								
L0000179	0	0.16180E-05	477344.8	3742575.3	456.0	3.49	4.00	3.25

```

YES HRDOW
L0000180      0  0.16180E-05  477353.4  3742575.2  456.0    3.49    4.00    3.25
YES HRDOW
L0000181      0  0.16180E-05  477362.0  3742575.1  456.0    3.49    4.00    3.25
YES HRDOW
L0000182      0  0.16180E-05  477370.6  3742574.9  456.0    3.49    4.00    3.25
YES HRDOW
L0000183      0  0.16180E-05  477379.2  3742574.8  456.0    3.49    4.00    3.25
YES HRDOW
L0000184      0  0.16180E-05  477387.8  3742574.7  456.0    3.49    4.00    3.25
YES HRDOW
L0000185      0  0.16180E-05  477396.3  3742574.6  456.0    3.49    4.00    3.25
YES HRDOW
L0000186      0  0.16180E-05  477404.9  3742574.4  455.8    3.49    4.00    3.25
YES HRDOW
L0000187      0  0.16180E-05  477413.5  3742574.3  455.6    3.49    4.00    3.25
YES HRDOW
L0000188      0  0.16180E-05  477422.1  3742574.2  455.3    3.49    4.00    3.25
YES HRDOW
L0000189      0  0.16180E-05  477430.7  3742574.1  455.0    3.49    4.00    3.25
YES HRDOW
L0000190      0  0.16180E-05  477439.3  3742573.9  454.7    3.49    4.00    3.25
YES HRDOW
L0000191      0  0.16180E-05  477447.9  3742573.8  454.4    3.49    4.00    3.25
YES HRDOW
L0000192      0  0.16180E-05  477456.5  3742573.7  454.2    3.49    4.00    3.25
YES HRDOW
L0000193      0  0.16180E-05  477465.1  3742573.6  454.1    3.49    4.00    3.25
YES HRDOW
L0000194      0  0.16180E-05  477473.6  3742573.4  454.1    3.49    4.00    3.25
YES HRDOW
L0000195      0  0.16180E-05  477482.2  3742573.3  454.0    3.49    4.00    3.25
YES HRDOW
L0000196      0  0.16180E-05  477490.8  3742573.2  454.0    3.49    4.00    3.25
YES HRDOW
L0000197      0  0.16180E-05  477499.4  3742573.1  453.7    3.49    4.00    3.25
YES HRDOW
L0000198      0  0.16180E-05  477508.0  3742572.9  453.5    3.49    4.00    3.25
YES HRDOW
L0000199      0  0.16180E-05  477516.6  3742572.8  453.2    3.49    4.00    3.25
YES HRDOW

```

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:   RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** VOLUME SOURCE DATA ***

```

```

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

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```

L0000200      0  0.16180E-05  477525.2  3742572.7  453.1    3.49    4.00    3.25
YES HRDOW
L0000201      0  0.16180E-05  477533.8  3742572.6  453.1    3.49    4.00    3.25
YES HRDOW
L0000202      0  0.16180E-05  477542.4  3742572.4  453.0    3.49    4.00    3.25

```

YES	HRDOW								
L0000203		0	0.16180E-05	477550.9	3742572.3	453.0	3.49	4.00	3.25
YES	HRDOW								
L0000204		0	0.16180E-05	477559.5	3742572.2	452.7	3.49	4.00	3.25
YES	HRDOW								
L0000205		0	0.16180E-05	477568.1	3742572.1	452.5	3.49	4.00	3.25
YES	HRDOW								
L0000206		0	0.16180E-05	477576.7	3742571.9	452.2	3.49	4.00	3.25
YES	HRDOW								
L0000207		0	0.16180E-05	477585.3	3742571.8	452.1	3.49	4.00	3.25
YES	HRDOW								
L0000208		0	0.16180E-05	477593.9	3742571.7	452.1	3.49	4.00	3.25
YES	HRDOW								
L0000209		0	0.16180E-05	477602.5	3742571.6	452.0	3.49	4.00	3.25
YES	HRDOW								
L0000210		0	0.16180E-05	477611.1	3742571.4	452.0	3.49	4.00	3.25
YES	HRDOW								
L0000211		0	0.16180E-05	477619.7	3742571.3	451.7	3.49	4.00	3.25
YES	HRDOW								
L0000212		0	0.16180E-05	477628.2	3742571.2	451.5	3.49	4.00	3.25
YES	HRDOW								
L0000213		0	0.16180E-05	477636.8	3742571.0	451.2	3.49	4.00	3.25
YES	HRDOW								
L0000214		0	0.16180E-05	477645.4	3742570.9	451.1	3.49	4.00	3.25
YES	HRDOW								
L0000215		0	0.16180E-05	477654.0	3742570.8	451.1	3.49	4.00	3.25
YES	HRDOW								
L0000216		0	0.16180E-05	477662.6	3742570.7	451.0	3.49	4.00	3.25
YES	HRDOW								
L0000217		0	0.16180E-05	477671.2	3742570.5	451.0	3.49	4.00	3.25
YES	HRDOW								
L0000218		0	0.16180E-05	477679.8	3742570.4	451.0	3.49	4.00	3.25
YES	HRDOW								
L0000219		0	0.16180E-05	477688.4	3742570.3	451.0	3.49	4.00	3.25
YES	HRDOW								
L0000220		0	0.16180E-05	477697.0	3742570.2	451.0	3.49	4.00	3.25
YES	HRDOW								
L0000221		0	0.16180E-05	477705.5	3742570.0	450.8	3.49	4.00	3.25
YES	HRDOW								
L0000222		0	0.16180E-05	477714.1	3742569.9	450.5	3.49	4.00	3.25
YES	HRDOW								
L0000223		0	0.16180E-05	477722.7	3742569.8	450.2	3.49	4.00	3.25
YES	HRDOW								
L0000224		0	0.16180E-05	477731.3	3742569.7	450.0	3.49	4.00	3.25
YES	HRDOW								
L0000225		0	0.16180E-05	477739.9	3742569.5	450.0	3.49	4.00	3.25
YES	HRDOW								
L0000226		0	0.16180E-05	477748.5	3742569.4	450.0	3.49	4.00	3.25
YES	HRDOW								
L0000227		0	0.16180E-05	477757.1	3742569.3	450.0	3.49	4.00	3.25
YES	HRDOW								
L0000228		0	0.16180E-05	477765.7	3742569.2	449.9	3.49	4.00	3.25
YES	HRDOW								
L0000229		0	0.16180E-05	477774.3	3742569.0	449.6	3.49	4.00	3.25
YES	HRDOW								
L0000230		0	0.16180E-05	477782.9	3742568.9	449.4	3.49	4.00	3.25
YES	HRDOW								
L0000231		0	0.16180E-05	477791.4	3742568.8	449.2	3.49	4.00	3.25
YES	HRDOW								
L0000232		0	0.16180E-05	477800.0	3742568.7	449.2	3.49	4.00	3.25
YES	HRDOW								
L0000233		0	0.16180E-05	477808.6	3742568.5	449.1	3.49	4.00	3.25
YES	HRDOW								
L0000234		0	0.16180E-05	477817.2	3742568.4	449.0	3.49	4.00	3.25
YES	HRDOW								
L0000235		0	0.16180E-05	477825.8	3742568.3	448.9	3.49	4.00	3.25


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YES   HRDOW
L0000236      0   0.16180E-05  477834.4  3742568.2   448.7    3.49    4.00    3.25
YES   HRDOW
L0000237      0   0.16180E-05  477843.0  3742568.0   448.4    3.49    4.00    3.25
YES   HRDOW
L0000238      0   0.16180E-05  477851.6  3742567.9   448.3    3.49    4.00    3.25
YES   HRDOW
L0000239      0   0.16180E-05  477860.2  3742567.8   448.2    3.49    4.00    3.25

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YES   HRDOW
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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

ALL      VOL1      , L0000001      , L0000002      , L0000003      , L0000004      , L0000005      ,
L0000006      , L0000007      ,

      L0000008      , L0000009      , L0000010      , L0000011      , L0000012      , L0000013      ,
L0000014      , L0000015      ,

      L0000016      , L0000017      , L0000018      , L0000019      , L0000020      , L0000021      ,
L0000022      , L0000023      ,

      L0000024      , L0000025      , L0000026      , L0000027      , L0000028      , L0000029      ,
L0000030      , L0000031      ,

      L0000032      , L0000033      , L0000034      , L0000035      , L0000036      , L0000037      ,
L0000038      , L0000039      ,

      L0000040      , L0000041      , L0000042      , L0000043      , L0000044      , L0000045      ,
L0000046      , L0000047      ,

      L0000048      , L0000049      , L0000050      , L0000051      , L0000052      , L0000053      ,
L0000054      , L0000055      ,

      L0000056      , L0000057      , L0000058      , L0000059      , L0000060      , L0000061      ,
L0000062      , L0000063      ,

      L0000064      , L0000065      , L0000066      , L0000067      , L0000068      , L0000069      ,
L0000070      , L0000071      ,

      L0000072      , L0000073      , L0000074      , L0000075      , L0000076      , L0000077      ,
L0000078      , L0000079      ,

      L0000080      , L0000081      , L0000082      , L0000083      , L0000084      , L0000085      ,
L0000086      , L0000087      ,

      L0000088      , L0000089      , L0000090      , L0000091      , L0000092      , L0000093      ,
L0000094      , L0000095      ,

      L0000096      , L0000097      , L0000098      , L0000099      , L0000100      , L0000101      ,
L0000102      , L0000103      ,

      L0000104      , L0000105      , L0000106      , L0000107      , L0000108      , L0000109      ,
L0000110      , L0000111      ,

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L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,
L0000118 , L0000119 ,

L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 ,
L0000126 , L0000127 ,

L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 ,
L0000134 , L0000135 ,

L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 ,
L0000142 , L0000143 ,

L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 ,
L0000150 , L0000151 ,

L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 ,
L0000158 , L0000159 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

L0000160 , L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
L0000166 , L0000167 ,

L0000168 , L0000169 , L0000170 , L0000171 , L0000172 , L0000173 ,
L0000174 , L0000175 ,

L0000176 , L0000177 , L0000178 , L0000179 , L0000180 , L0000181 ,
L0000182 , L0000183 ,

L0000184 , L0000185 , L0000186 , L0000187 , L0000188 , L0000189 ,
L0000190 , L0000191 ,

L0000192 , L0000193 , L0000194 , L0000195 , L0000196 , L0000197 ,
L0000198 , L0000199 ,

L0000200 , L0000201 , L0000202 , L0000203 , L0000204 , L0000205 ,
L0000206 , L0000207 ,

L0000208 , L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
L0000214 , L0000215 ,

L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
L0000222 , L0000223 ,

L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
L0000230 , L0000231 ,

L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
L0000238 , L0000239 ,

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*** AERMET - VERSION 16216 ***
*** 17:04:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0000007	2189641. L0000005	VOL1 , L0000006	, L0000001	, L0000002	, L0000003	, L0000004	,
	L0000008 L0000014	, L0000009 , L0000015	, L0000010	, L0000011	, L0000012	, L0000013	,
	L0000016 L0000022	, L0000017 , L0000023	, L0000018	, L0000019	, L0000020	, L0000021	,
	L0000024 L0000030	, L0000025 , L0000031	, L0000026	, L0000027	, L0000028	, L0000029	,
	L0000032 L0000038	, L0000033 , L0000039	, L0000034	, L0000035	, L0000036	, L0000037	,
	L0000040 L0000046	, L0000041 , L0000047	, L0000042	, L0000043	, L0000044	, L0000045	,
	L0000048 L0000054	, L0000049 , L0000055	, L0000050	, L0000051	, L0000052	, L0000053	,
	L0000056 L0000062	, L0000057 , L0000063	, L0000058	, L0000059	, L0000060	, L0000061	,
	L0000064 L0000070	, L0000065 , L0000071	, L0000066	, L0000067	, L0000068	, L0000069	,
	L0000072 L0000078	, L0000073 , L0000079	, L0000074	, L0000075	, L0000076	, L0000077	,
	L0000080 L0000086	, L0000081 , L0000087	, L0000082	, L0000083	, L0000084	, L0000085	,
	L0000088 L0000094	, L0000089 , L0000095	, L0000090	, L0000091	, L0000092	, L0000093	,
	L0000096 L0000102	, L0000097 , L0000103	, L0000098	, L0000099	, L0000100	, L0000101	,
	L0000104 L0000110	, L0000105 , L0000111	, L0000106	, L0000107	, L0000108	, L0000109	,
	L0000112 L0000118	, L0000113 , L0000119	, L0000114	, L0000115	, L0000116	, L0000117	,
	L0000120 L0000126	, L0000121 , L0000127	, L0000122	, L0000123	, L0000124	, L0000125	,
	L0000128 L0000134	, L0000129 , L0000135	, L0000130	, L0000131	, L0000132	, L0000133	,
	L0000136 L0000142	, L0000137 , L0000143	, L0000138	, L0000139	, L0000140	, L0000141	,
	L0000144	, L0000145	, L0000146	, L0000147	, L0000148	, L0000149	,

L0000150 , L0000151 ,

L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 ,

L0000158 , L0000159 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0000160	, L0000161	, L0000162	, L0000163	, L0000164	, L0000165	, L0000166	,
L0000168	, L0000169	, L0000170	, L0000171	, L0000172	, L0000173	, L0000174	,
L0000176	, L0000177	, L0000178	, L0000179	, L0000180	, L0000181	, L0000182	,
L0000184	, L0000185	, L0000186	, L0000187	, L0000188	, L0000189	, L0000190	,
L0000192	, L0000193	, L0000194	, L0000195	, L0000196	, L0000197	, L0000198	,
L0000200	, L0000201	, L0000202	, L0000203	, L0000204	, L0000205	, L0000206	,
L0000208	, L0000209	, L0000210	, L0000211	, L0000212	, L0000213	, L0000214	,
L0000216	, L0000217	, L0000218	, L0000219	, L0000220	, L0000221	, L0000222	,
L0000224	, L0000225	, L0000226	, L0000227	, L0000228	, L0000229	, L0000230	,
L0000232	, L0000233	, L0000234	, L0000235	, L0000236	, L0000237	, L0000238	,

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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 = VOL1 ; SOURCE TYPE = VOLUME :									
1	2	3	4	5	6	7	8	9	10
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
HOUR	HOUR	HOUR	HOUR	HOUR	HOUR	HOUR	HOUR	HOUR	HOUR
.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 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 = L0000010 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.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) *

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :
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 = L0000016 ; 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 = L0000017 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR 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 = L0000027 ; 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 = L0000028 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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

.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 = L0000033 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR HR

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 = L0000033 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR HR

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

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

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

SOURCE ID = L0000038 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000039 ; 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) *

SOURCE ID = L0000040 ; 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) *

SOURCE ID = L0000041 ; 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 = L0000042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 17:04:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***
*** 17:04:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :
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 = L0000050 ; 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\14198 *** 11/14/22
*** 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 = L0000051 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :
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) *

SOURCE ID = L0000057 ; 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 = L0000058 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 17:04:18

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 ***

*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

HR 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) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :
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 = L0000066 ; 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 = L0000067 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 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 = L0000069 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000072 ; 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\14198 Rider and
Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

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 = L0000074 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 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 = L0000075 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 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 = L0000076 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.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 = L0000079 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 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 = L0000080 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** 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 = L0000081 ; 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 = L0000082 ; 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 = L0000083 ; 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 = L0000084 ; SOURCE TYPE = VOLUME :

HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR 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 ***
*** 17:04:18

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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 = L0000085 ; SOURCE TYPE = VOLUME :
HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000088 ; 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 ***
*** 17:04:18

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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 = L0000089 ; 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 = L0000090 ; 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 ***
*** 17:04:18

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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 = L0000091 ; 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 = L0000092 ; 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 = L0000093 ; 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\14198 Rider and
Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000094 ; 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 = L0000095 ; 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 = L0000096 ; 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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*** 17:04:18

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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 = L0000097 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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 = L0000098 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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

.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 = L0000099 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
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 = L0000100 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
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 = L0000101 ; 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 = L0000102 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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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 = L0000103 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 = L0000104 ; 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 = L0000105 ; 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 = L0000106 ; 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 = L0000107 ; 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 = L0000108 ; 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 = L0000109 ; 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 = L0000110 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000111 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000112 ; 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 = L0000113 ; 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 = L0000114 ; 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 = L0000115 ; 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) *

SOURCE ID = L0000116 ; 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 = L0000117 ; 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 = L0000118 ; 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 = L0000119 ; 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 = L0000120 ; 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 = L0000121 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** 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 = L0000122 ; 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) *

SOURCE ID = L0000123 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000124 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000125 ; 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 = L0000126 ; 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 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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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 = L0000128 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000129 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000130 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 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) *

SOURCE ID = L0000131 ; 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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*** 17:04:18

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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 = L0000132 ; 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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*** 17:04:18

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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 = L0000133 ; 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 = L0000134 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000135 ; 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 = L0000136 ; 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 = L0000137 ; 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\14198 *** 11/14/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000138 ; 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 ***
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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 = L0000139 ; 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 = L0000140 ; 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 = L0000141 ; 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 = L0000142 ; 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\14198 Rider and
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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 = L0000143 ; 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\14198 *** 11/14/22

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*** *** 17:04:18

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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 = L0000144 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
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*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000145 ; 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 = L0000146 ; 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) *

SOURCE ID = L0000147 ; 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) *

SOURCE ID = L0000148 ; 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) *

SOURCE ID = L0000149 ; 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 = L0000150 ; SOURCE TYPE = VOLUME :

HR 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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*** ** 17:04:18

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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 = L0000151 ; SOURCE TYPE = VOLUME :
HR 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 ***
*** ** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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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 = L0000153 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000154 ; 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 = L0000155 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000156 ; 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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*** 17:04:18

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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 = L0000157 ; 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 = L0000158 ; 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\14198 Rider and
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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 = L0000159 ; 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) *

SOURCE ID = L0000160 ; 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 = L0000161 ; 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 = L0000162 ; 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) *

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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 = L0000164 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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

.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 = L0000165 ; SOURCE TYPE = VOLUME :

Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR Hour
SCALAR Hour SCALAR Hour SCALAR Hour

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :

Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR Hour SCALAR Hour
SCALAR Hour SCALAR Hour SCALAR Hour

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
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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) *

SOURCE ID = L0000167 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

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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) *

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000170 ; 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 = L0000171 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000172 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000173 ; 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\14198 *** 11/14/22
*** 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 = L0000174 ; 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 = L0000175 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000176 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000177 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday.

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000178 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 1 row of scalar values for Sunday.

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

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*** 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 = L0000179 ; 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) *

SOURCE ID = L0000180 ; 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 ***
*** 17:04:18

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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 = L0000181 ; 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) *

SOURCE ID = L0000182 ; 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 ***
 *** *** 17:04:18

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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 = L0000183 ; 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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 *** *** 17:04:18

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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 = L0000184 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000185 ; 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 = L0000186 ; 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 = L0000187 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000188 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000189 ; 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 = L0000190 ; 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 = L0000191 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000192 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000193 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000194 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000195 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00
.0000E+00	7 .0000E+00	8 .0000E+00	9 .1000E+01	10 .1000E+01	11 .1000E+01
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
.0000E+00	7 .0000E+00	8 .0000E+00	9 .0000E+00	10 .0000E+00	11 .0000E+00
12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00	17 .0000E+00
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
.0000E+00	7 .0000E+00	8 .0000E+00	9 .0000E+00	10 .0000E+00	11 .0000E+00
12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00	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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000196 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

DAY OF WEEK = WEEKDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 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) *

SOURCE ID = L0000197 ; 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 = L0000198 ; 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 = L0000199 ; 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 = L0000200 ; 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) *

SOURCE ID = L0000201 ; 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 = L0000202 ; 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 = L0000203 ; 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\14198 *** 11/14/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000204 ; 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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*** 17:04:18

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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 = L0000205 ; 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 = L0000206 ; 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\14198 *** 11/14/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000207 ; 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\14198 *** 11/14/22

*** 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 = L0000208 ; 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\14198 *** 11/14/22

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000209 ; 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 = L0000210 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000211 ; 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 = L0000212 ; 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 = L0000213 ; 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 = L0000214 ; 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 = L0000215 ; 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\14198 *** 11/14/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000216 ; SOURCE TYPE = VOLUME :

HR 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

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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 = L0000217 ; SOURCE TYPE = VOLUME :
HR 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\14198 Rider and
Patterson\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
*** 17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000218 ; 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\14198 Rider and
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*** AERMET - VERSION 16216 ***

17:04:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000219 ; 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) *

SOURCE ID = L0000220 ; 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 ***
*** 17:04:18

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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 = L0000221 ; 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 ***
*** 17:04:18

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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 = L0000222 ; 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 ***
*** 17:04:18

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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 = L0000222 ; 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 ***

*** 17:04:18

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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 = L0000224 ; 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 ***

*** 17:04:18

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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 = L0000225 ; 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\14198 *** 11/14/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000226 ; 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\14198 Rider and

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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 = L0000227 ; 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 = L0000228 ; 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\14198 Rider and Patterson\14198 *** 11/14/22

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*** 17:04:18

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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 = L0000229 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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 = L0000230 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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

.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 = L0000231 ; SOURCE TYPE = VOLUME :

HR 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 = L0000232 ; SOURCE TYPE = VOLUME :

HR 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 = L0000233 ; 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 = L0000234 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000235 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000236 ; 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 = L0000237 ; 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 = L0000238 ; 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 = L0000239 ; 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*

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

(476197.0, 3743263.7, 475.2, 475.2, 0.0); (476193.8, 3743185.8,
477.9, 477.9, 0.0);
(476186.9, 3743326.5, 475.4, 475.4, 0.0); (476194.3, 3743125.1,
479.9, 479.9, 0.0);
(476201.7, 3743102.7, 480.4, 480.4, 0.0); (476198.0, 3743076.0,
481.3, 481.3, 0.0);
(476197.8, 3742996.1, 483.1, 483.1, 0.0); (476179.8, 3743032.8,
482.8, 482.8, 0.0);
(476192.5, 3742991.9, 483.4, 483.4, 0.0); (476280.8, 3742942.1,
482.9, 487.0, 0.0);
(476579.2, 3742907.7, 475.4, 475.4, 0.0); (476642.9, 3742999.1,
471.2, 471.2, 0.0);
(476686.4, 3743150.3, 468.4, 468.4, 0.0); (476647.9, 3743186.0,
468.7, 468.7, 0.0);
(476646.0, 3743270.2, 467.1, 467.1, 0.0); (476658.7, 3743398.5,
465.4, 465.4, 0.0);
(476832.3, 3743313.8, 462.9, 462.9, 0.0); (476831.4, 3742996.8,
464.0, 464.0, 0.0);
(476667.1, 3742930.9, 471.5, 471.5, 0.0); (476832.3, 3743162.5,
463.0, 463.0, 0.0);
(476569.9, 3743411.5, 467.4, 467.4, 0.0); (476506.6, 3743413.7,
468.9, 468.9, 0.0);
(476542.3, 3743421.2, 467.8, 467.8, 0.0); (475983.4, 3743373.0,
472.4, 472.4, 0.0);
(477084.4, 3742900.8, 460.5, 460.5, 0.0); (477140.4, 3742816.1,
459.7, 459.7, 0.0);
(477313.3, 3742643.9, 456.9, 456.9, 0.0); (477211.8, 3742907.1,
458.0, 458.0, 0.0);
(476770.1, 3742542.0, 476.1, 540.0, 0.0); (477011.1, 3742548.0,
465.9, 465.9, 0.0);
(477007.5, 3742599.5, 465.3, 465.3, 0.0); (477019.5, 3742752.1,
462.7, 462.7, 0.0);
(476587.4, 3742891.0, 475.1, 475.1, 0.0); (476588.0, 3742818.6,
476.1, 476.1, 0.0);
(476579.9, 3742721.0, 477.8, 477.8, 0.0); (476579.0, 3742669.5,
479.2, 479.2, 0.0);


```

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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Patterson\14198 ***             11/14/22
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***                                                     ***           17:04:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR
SOURCE GROUP: ALL                       ***
      INCLUDING SOURCE(S):   VOL1           , L0000001   ,
      L0000002           , L0000003   , L0000004   ,
L0000005   , L0000006   , L0000007   , L0000008   , L0000009   ,
L0000010   , L0000011   , L0000012   ,
L0000013   , L0000014   , L0000015   , L0000016   , L0000017   ,
L0000018   , L0000019   , L0000020   ,
L0000021   , L0000022   , L0000023   , L0000024   , L0000025   ,
L0000026   , L0000027   , . . .

```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
476196.97	3743263.68	0.00570	476193.80	
3743185.82	0.00729			
476186.94	3743326.48	0.00372	476194.33	
3743125.13	0.00755			
476201.72	3743102.69	0.00803	476198.03	
3743076.04	0.00706			
476197.76	3742996.08	0.00497	476179.82	
3743032.76	0.00492			
476192.49	3742991.86	0.00463	476280.77	
3742942.15	0.00663			
476579.22	3742907.69	0.00707	476642.87	
3742999.13	0.00694			
476686.41	3743150.35	0.00430	476647.88	
3743185.97	0.00668			
476646.03	3743270.16	0.00516	476658.73	
3743398.51	0.00229			
476832.29	3743313.75	0.00107	476831.36	
3742996.75	0.00155			
476667.12	3742930.93	0.00474	476832.29	
3743162.55	0.00130			

480.45, 0.00) DC
 2ND HIGHEST VALUE IS 0.00755 AT (476194.33, 3743125.13, 479.89,
 479.89, 0.00) DC
 3RD HIGHEST VALUE IS 0.00729 AT (476193.80, 3743185.82, 477.94,
 477.94, 0.00) DC
 4TH HIGHEST VALUE IS 0.00707 AT (476579.22, 3742907.69, 475.35,
 475.35, 0.00) DC
 5TH HIGHEST VALUE IS 0.00706 AT (476198.03, 3743076.04, 481.34,
 481.34, 0.00) DC
 6TH HIGHEST VALUE IS 0.00694 AT (476642.87, 3742999.13, 471.23,
 471.23, 0.00) DC
 7TH HIGHEST VALUE IS 0.00685 AT (476587.39, 3742890.96, 475.12,
 475.12, 0.00) DC
 8TH HIGHEST VALUE IS 0.00668 AT (476647.88, 3743185.97, 468.69,
 468.69, 0.00) DC
 9TH HIGHEST VALUE IS 0.00663 AT (476280.77, 3742942.15, 482.90,
 487.00, 0.00) DC
 10TH HIGHEST VALUE IS 0.00570 AT (476196.97, 3743263.68, 475.17,
 475.17, 0.00) DC

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

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
 Patterson\14198 *** 11/14/22
 *** AERMET - VERSION 16216 ***
 *** *** 17:04:18

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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 3451 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
 ME W187 3451 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 14010101
 MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

 *** AERMOD Finishes Successfully ***

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 11/15/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198 Ops\14198 Ops.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14198 Ops.err"

CO FINISHED
**

** AERMOD Source Pathway

**
**

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

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idling N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.61E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476288.238, 3743248.741, 476.18, 3.49, 4.00
** 476496.481, 3743250.202, 471.50, 3.49, 4.00
** -----

LOCATION	L0000696	VOLUME	476292.533	3743248.771	475.58
LOCATION	L0000697	VOLUME	476301.123	3743248.831	475.58
LOCATION	L0000698	VOLUME	476309.713	3743248.892	475.58
LOCATION	L0000699	VOLUME	476318.303	3743248.952	475.57
LOCATION	L0000700	VOLUME	476326.892	3743249.012	475.44
LOCATION	L0000701	VOLUME	476335.482	3743249.073	475.27
LOCATION	L0000702	VOLUME	476344.072	3743249.133	475.11
LOCATION	L0000703	VOLUME	476352.662	3743249.193	474.96
LOCATION	L0000704	VOLUME	476361.252	3743249.253	474.83
LOCATION	L0000705	VOLUME	476369.841	3743249.314	474.71
LOCATION	L0000706	VOLUME	476378.431	3743249.374	474.58
LOCATION	L0000707	VOLUME	476387.021	3743249.434	474.32
LOCATION	L0000708	VOLUME	476395.611	3743249.495	474.03
LOCATION	L0000709	VOLUME	476404.200	3743249.555	473.74
LOCATION	L0000710	VOLUME	476412.790	3743249.615	473.50
LOCATION	L0000711	VOLUME	476421.380	3743249.675	473.34
LOCATION	L0000712	VOLUME	476429.970	3743249.736	473.18

LOCATION L0000713	VOLUME	476438.560	3743249.796	473.02
LOCATION L0000714	VOLUME	476447.149	3743249.856	472.89
LOCATION L0000715	VOLUME	476455.739	3743249.916	472.76
LOCATION L0000716	VOLUME	476464.329	3743249.977	472.62
LOCATION L0000717	VOLUME	476472.919	3743250.037	472.44
LOCATION L0000718	VOLUME	476481.509	3743250.097	472.15
LOCATION L0000719	VOLUME	476490.098	3743250.158	471.86

** End of LINE VOLUME Source ID = SLINE1

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Idling S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 9.61E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 476292.257, 3743032.461, 480.07, 3.49, 4.00

** 476500.865, 3743034.288, 475.94, 3.49, 4.00

** -----

LOCATION L0000720	VOLUME	476296.552	3743032.499	479.95
LOCATION L0000721	VOLUME	476305.142	3743032.574	479.89
LOCATION L0000722	VOLUME	476313.731	3743032.649	479.83
LOCATION L0000723	VOLUME	476322.321	3743032.725	479.70
LOCATION L0000724	VOLUME	476330.911	3743032.800	479.41
LOCATION L0000725	VOLUME	476339.500	3743032.875	479.12
LOCATION L0000726	VOLUME	476348.090	3743032.950	478.83
LOCATION L0000727	VOLUME	476356.680	3743033.025	478.54
LOCATION L0000728	VOLUME	476365.269	3743033.101	478.25
LOCATION L0000729	VOLUME	476373.859	3743033.176	477.97
LOCATION L0000730	VOLUME	476382.449	3743033.251	477.68
LOCATION L0000731	VOLUME	476391.038	3743033.326	477.39
LOCATION L0000732	VOLUME	476399.628	3743033.401	477.10
LOCATION L0000733	VOLUME	476408.218	3743033.477	476.81
LOCATION L0000734	VOLUME	476416.807	3743033.552	476.58
LOCATION L0000735	VOLUME	476425.397	3743033.627	476.36
LOCATION L0000736	VOLUME	476433.987	3743033.702	476.15
LOCATION L0000737	VOLUME	476442.576	3743033.778	475.98
LOCATION L0000738	VOLUME	476451.166	3743033.853	475.90
LOCATION L0000739	VOLUME	476459.756	3743033.928	475.83
LOCATION L0000740	VOLUME	476468.345	3743034.003	475.75
LOCATION L0000741	VOLUME	476476.935	3743034.078	475.74
LOCATION L0000742	VOLUME	476485.525	3743034.154	475.73
LOCATION L0000743	VOLUME	476494.114	3743034.229	475.73

** End of LINE VOLUME Source ID = SLINE2

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Onsite N

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001301

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 9

** 476410.626, 3743347.017, 471.93, 3.49, 4.00

** 476410.261, 3743329.846, 472.01, 3.49, 4.00

** 476400.762, 3743324.366, 472.07, 3.49, 4.00

** 476366.055, 3743323.270, 472.64, 3.49, 4.00

** 476269.606, 3743323.635, 474.13, 3.49, 4.00

** 476260.838, 3743319.982, 474.10, 3.49, 4.00

** 476259.742, 3743303.176, 475.03, 3.49, 4.00

** 476261.203, 3743272.853, 475.98, 3.49, 4.00

** 476493.558, 3743275.776, 471.13, 3.49, 4.00

**

LOCATION	L0000744	VOLUME	476410.535	3743342.723	471.99
LOCATION	L0000745	VOLUME	476410.352	3743334.135	472.00
LOCATION	L0000746	VOLUME	476406.536	3743327.697	472.00
LOCATION	L0000747	VOLUME	476398.839	3743324.305	472.06
LOCATION	L0000748	VOLUME	476390.253	3743324.034	472.07
LOCATION	L0000749	VOLUME	476381.668	3743323.763	472.08
LOCATION	L0000750	VOLUME	476373.082	3743323.492	472.31
LOCATION	L0000751	VOLUME	476364.495	3743323.276	472.61
LOCATION	L0000752	VOLUME	476355.906	3743323.308	472.89
LOCATION	L0000753	VOLUME	476347.316	3743323.341	473.17
LOCATION	L0000754	VOLUME	476338.726	3743323.373	473.43
LOCATION	L0000755	VOLUME	476330.136	3743323.406	473.69
LOCATION	L0000756	VOLUME	476321.546	3743323.438	473.95
LOCATION	L0000757	VOLUME	476312.956	3743323.471	474.02
LOCATION	L0000758	VOLUME	476304.366	3743323.504	474.05
LOCATION	L0000759	VOLUME	476295.776	3743323.536	474.07
LOCATION	L0000760	VOLUME	476287.186	3743323.569	474.09
LOCATION	L0000761	VOLUME	476278.596	3743323.601	474.09
LOCATION	L0000762	VOLUME	476270.006	3743323.634	474.08
LOCATION	L0000763	VOLUME	476262.046	3743320.485	474.19
LOCATION	L0000764	VOLUME	476260.364	3743312.716	474.45
LOCATION	L0000765	VOLUME	476259.805	3743304.144	474.73
LOCATION	L0000766	VOLUME	476260.109	3743295.565	475.02
LOCATION	L0000767	VOLUME	476260.522	3743286.985	475.30
LOCATION	L0000768	VOLUME	476260.936	3743278.405	475.57
LOCATION	L0000769	VOLUME	476264.235	3743272.891	475.66
LOCATION	L0000770	VOLUME	476272.824	3743272.999	475.44
LOCATION	L0000771	VOLUME	476281.413	3743273.108	475.22
LOCATION	L0000772	VOLUME	476290.003	3743273.216	475.00
LOCATION	L0000773	VOLUME	476298.592	3743273.324	474.93
LOCATION	L0000774	VOLUME	476307.181	3743273.432	474.86
LOCATION	L0000775	VOLUME	476315.771	3743273.540	474.79
LOCATION	L0000776	VOLUME	476324.360	3743273.648	474.75
LOCATION	L0000777	VOLUME	476332.949	3743273.756	474.75
LOCATION	L0000778	VOLUME	476341.539	3743273.864	474.74
LOCATION	L0000779	VOLUME	476350.128	3743273.972	474.73
LOCATION	L0000780	VOLUME	476358.717	3743274.080	474.44
LOCATION	L0000781	VOLUME	476367.307	3743274.188	474.15
LOCATION	L0000782	VOLUME	476375.896	3743274.296	473.86
LOCATION	L0000783	VOLUME	476384.485	3743274.404	473.61
LOCATION	L0000784	VOLUME	476393.075	3743274.512	473.40
LOCATION	L0000785	VOLUME	476401.664	3743274.620	473.20
LOCATION	L0000786	VOLUME	476410.253	3743274.728	473.00
LOCATION	L0000787	VOLUME	476418.843	3743274.836	472.91
LOCATION	L0000788	VOLUME	476427.432	3743274.944	472.83
LOCATION	L0000789	VOLUME	476436.021	3743275.052	472.74
LOCATION	L0000790	VOLUME	476444.611	3743275.160	472.59
LOCATION	L0000791	VOLUME	476453.200	3743275.268	472.39
LOCATION	L0000792	VOLUME	476461.789	3743275.376	472.19
LOCATION	L0000793	VOLUME	476470.379	3743275.484	471.98
LOCATION	L0000794	VOLUME	476478.968	3743275.592	471.70
LOCATION	L0000795	VOLUME	476487.557	3743275.701	471.41

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Onsite S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001723

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 6

** 476260.838, 3743273.949, 475.98, 3.49, 4.00
** 476264.857, 3743018.578, 480.96, 3.49, 4.00
** 476275.817, 3743006.888, 481.14, 3.49, 4.00
** 476492.827, 3743009.445, 476.18, 3.49, 4.00
** 476508.902, 3743016.021, 475.81, 3.49, 4.00
** 476596.948, 3743016.386, 472.92, 3.49, 4.00

**

LOCATION	L0000796	VOLUME	476260.906	3743269.655	475.85
LOCATION	L0000797	VOLUME	476261.041	3743261.066	476.13
LOCATION	L0000798	VOLUME	476261.176	3743252.477	476.41
LOCATION	L0000799	VOLUME	476261.311	3743243.888	476.69
LOCATION	L0000800	VOLUME	476261.446	3743235.299	476.95
LOCATION	L0000801	VOLUME	476261.581	3743226.710	476.96
LOCATION	L0000802	VOLUME	476261.717	3743218.121	476.98
LOCATION	L0000803	VOLUME	476261.852	3743209.532	476.99
LOCATION	L0000804	VOLUME	476261.987	3743200.943	477.16
LOCATION	L0000805	VOLUME	476262.122	3743192.354	477.43
LOCATION	L0000806	VOLUME	476262.257	3743183.765	477.69
LOCATION	L0000807	VOLUME	476262.392	3743175.177	477.95
LOCATION	L0000808	VOLUME	476262.528	3743166.588	478.23
LOCATION	L0000809	VOLUME	476262.663	3743157.999	478.51
LOCATION	L0000810	VOLUME	476262.798	3743149.410	478.79
LOCATION	L0000811	VOLUME	476262.933	3743140.821	479.08
LOCATION	L0000812	VOLUME	476263.068	3743132.232	479.36
LOCATION	L0000813	VOLUME	476263.203	3743123.643	479.64
LOCATION	L0000814	VOLUME	476263.338	3743115.054	479.92
LOCATION	L0000815	VOLUME	476263.474	3743106.465	480.20
LOCATION	L0000816	VOLUME	476263.609	3743097.876	480.48
LOCATION	L0000817	VOLUME	476263.744	3743089.287	480.77
LOCATION	L0000818	VOLUME	476263.879	3743080.698	480.87
LOCATION	L0000819	VOLUME	476264.014	3743072.109	480.86
LOCATION	L0000820	VOLUME	476264.149	3743063.520	480.86
LOCATION	L0000821	VOLUME	476264.285	3743054.931	480.85
LOCATION	L0000822	VOLUME	476264.420	3743046.342	480.85
LOCATION	L0000823	VOLUME	476264.555	3743037.754	480.84
LOCATION	L0000824	VOLUME	476264.690	3743029.165	480.84
LOCATION	L0000825	VOLUME	476264.825	3743020.576	480.86
LOCATION	L0000826	VOLUME	476269.366	3743013.769	480.81
LOCATION	L0000827	VOLUME	476275.241	3743007.502	480.81
LOCATION	L0000828	VOLUME	476283.564	3743006.979	480.72
LOCATION	L0000829	VOLUME	476292.153	3743007.080	480.59
LOCATION	L0000830	VOLUME	476300.743	3743007.181	480.40
LOCATION	L0000831	VOLUME	476309.332	3743007.283	480.22
LOCATION	L0000832	VOLUME	476317.921	3743007.384	480.04
LOCATION	L0000833	VOLUME	476326.511	3743007.485	479.78
LOCATION	L0000834	VOLUME	476335.100	3743007.586	479.49
LOCATION	L0000835	VOLUME	476343.690	3743007.688	479.21
LOCATION	L0000836	VOLUME	476352.279	3743007.789	478.97
LOCATION	L0000837	VOLUME	476360.869	3743007.890	478.86
LOCATION	L0000838	VOLUME	476369.458	3743007.991	478.74
LOCATION	L0000839	VOLUME	476378.047	3743008.092	478.63
LOCATION	L0000840	VOLUME	476386.637	3743008.194	478.37
LOCATION	L0000841	VOLUME	476395.226	3743008.295	478.08
LOCATION	L0000842	VOLUME	476403.816	3743008.396	477.79
LOCATION	L0000843	VOLUME	476412.405	3743008.497	477.50
LOCATION	L0000844	VOLUME	476420.994	3743008.599	477.21
LOCATION	L0000845	VOLUME	476429.584	3743008.700	476.92
LOCATION	L0000846	VOLUME	476438.173	3743008.801	476.63
LOCATION	L0000847	VOLUME	476446.763	3743008.902	476.58
LOCATION	L0000848	VOLUME	476455.352	3743009.003	476.57
LOCATION	L0000849	VOLUME	476463.941	3743009.105	476.57
LOCATION	L0000850	VOLUME	476472.531	3743009.206	476.51
LOCATION	L0000851	VOLUME	476481.120	3743009.307	476.35
LOCATION	L0000852	VOLUME	476489.710	3743009.408	476.19
LOCATION	L0000853	VOLUME	476497.892	3743011.517	476.03
LOCATION	L0000854	VOLUME	476505.842	3743014.769	475.80

LOCATION	L0000855	VOLUME	476514.186	3743016.043	475.52
LOCATION	L0000856	VOLUME	476522.776	3743016.079	475.24
LOCATION	L0000857	VOLUME	476531.366	3743016.114	474.95
LOCATION	L0000858	VOLUME	476539.956	3743016.150	474.66
LOCATION	L0000859	VOLUME	476548.546	3743016.186	474.38
LOCATION	L0000860	VOLUME	476557.136	3743016.221	474.09
LOCATION	L0000861	VOLUME	476565.726	3743016.257	473.80
LOCATION	L0000862	VOLUME	476574.316	3743016.293	473.52
LOCATION	L0000863	VOLUME	476582.906	3743016.328	473.23
LOCATION	L0000864	VOLUME	476591.496	3743016.364	472.95

** End of LINE VOLUME Source ID = SLINE4

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Rider 60%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.58E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 476410.344, 3743357.614, 472.00, 3.49, 4.00

** 476501.366, 3743359.636, 470.01, 3.49, 4.00

** 476563.564, 3743362.165, 468.98, 3.49, 4.00

** 476611.604, 3743366.716, 467.12, 3.49, 4.00

**

LOCATION	L0000865	VOLUME	476414.638	3743357.709	471.79
LOCATION	L0000866	VOLUME	476423.225	3743357.900	471.50
LOCATION	L0000867	VOLUME	476431.813	3743358.091	471.20
LOCATION	L0000868	VOLUME	476440.401	3743358.282	470.91
LOCATION	L0000869	VOLUME	476448.989	3743358.472	470.64
LOCATION	L0000870	VOLUME	476457.577	3743358.663	470.38
LOCATION	L0000871	VOLUME	476466.165	3743358.854	470.11
LOCATION	L0000872	VOLUME	476474.753	3743359.045	470.00
LOCATION	L0000873	VOLUME	476483.341	3743359.236	470.00
LOCATION	L0000874	VOLUME	476491.928	3743359.427	470.00
LOCATION	L0000875	VOLUME	476500.516	3743359.618	470.00
LOCATION	L0000876	VOLUME	476509.100	3743359.951	469.96
LOCATION	L0000877	VOLUME	476517.683	3743360.300	469.92
LOCATION	L0000878	VOLUME	476526.266	3743360.649	469.87
LOCATION	L0000879	VOLUME	476534.849	3743360.998	469.67
LOCATION	L0000880	VOLUME	476543.431	3743361.346	469.37
LOCATION	L0000881	VOLUME	476552.014	3743361.695	469.08
LOCATION	L0000882	VOLUME	476560.597	3743362.044	468.78
LOCATION	L0000883	VOLUME	476569.160	3743362.695	468.47
LOCATION	L0000884	VOLUME	476577.711	3743363.505	468.16
LOCATION	L0000885	VOLUME	476586.263	3743364.315	467.85
LOCATION	L0000886	VOLUME	476594.815	3743365.125	467.59
LOCATION	L0000887	VOLUME	476603.367	3743365.936	467.37

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Rider 80%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.747E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

** 476614.132, 3743367.727, 467.08, 3.49, 4.00

** 476719.819, 3743376.324, 464.79, 3.49, 4.00

** 476823.989, 3743376.830, 462.00, 3.49, 4.00

** 476921.080, 3743376.830, 461.00, 3.49, 4.00

** 476972.153, 3743378.347, 460.29, 3.49, 4.00

**

LOCATION L0000888 VOLUME 476618.413 3743368.075 467.03
LOCATION L0000889 VOLUME 476626.975 3743368.772 466.76
LOCATION L0000890 VOLUME 476635.537 3743369.468 466.48
LOCATION L0000891 VOLUME 476644.098 3743370.165 466.19
LOCATION L0000892 VOLUME 476652.660 3743370.861 465.95
LOCATION L0000893 VOLUME 476661.222 3743371.558 465.81
LOCATION L0000894 VOLUME 476669.784 3743372.254 465.64
LOCATION L0000895 VOLUME 476678.345 3743372.950 465.47
LOCATION L0000896 VOLUME 476686.907 3743373.647 465.32
LOCATION L0000897 VOLUME 476695.469 3743374.343 465.19
LOCATION L0000898 VOLUME 476704.031 3743375.040 465.07
LOCATION L0000899 VOLUME 476712.592 3743375.736 464.91
LOCATION L0000900 VOLUME 476721.158 3743376.330 464.62
LOCATION L0000901 VOLUME 476729.748 3743376.372 464.34
LOCATION L0000902 VOLUME 476738.338 3743376.414 464.05
LOCATION L0000903 VOLUME 476746.928 3743376.455 463.76
LOCATION L0000904 VOLUME 476755.518 3743376.497 463.48
LOCATION L0000905 VOLUME 476764.108 3743376.539 463.19
LOCATION L0000906 VOLUME 476772.698 3743376.581 463.00
LOCATION L0000907 VOLUME 476781.288 3743376.622 463.00
LOCATION L0000908 VOLUME 476789.878 3743376.664 462.32
LOCATION L0000909 VOLUME 476798.467 3743376.706 462.32
LOCATION L0000910 VOLUME 476807.057 3743376.747 462.24
LOCATION L0000911 VOLUME 476815.647 3743376.789 462.15
LOCATION L0000912 VOLUME 476824.237 3743376.830 462.06
LOCATION L0000913 VOLUME 476832.827 3743376.830 462.00
LOCATION L0000914 VOLUME 476841.417 3743376.830 462.00
LOCATION L0000915 VOLUME 476850.007 3743376.830 462.00
LOCATION L0000916 VOLUME 476858.597 3743376.830 462.00
LOCATION L0000917 VOLUME 476867.187 3743376.830 461.83
LOCATION L0000918 VOLUME 476875.777 3743376.830 461.63
LOCATION L0000919 VOLUME 476884.367 3743376.830 461.44
LOCATION L0000920 VOLUME 476892.957 3743376.830 461.28
LOCATION L0000921 VOLUME 476901.547 3743376.830 461.19
LOCATION L0000922 VOLUME 476910.137 3743376.830 461.10
LOCATION L0000923 VOLUME 476918.727 3743376.830 461.01
LOCATION L0000924 VOLUME 476927.314 3743377.015 461.00
LOCATION L0000925 VOLUME 476935.901 3743377.270 461.00
LOCATION L0000926 VOLUME 476944.487 3743377.525 461.00
LOCATION L0000927 VOLUME 476953.073 3743377.780 460.92
LOCATION L0000928 VOLUME 476961.659 3743378.035 460.71
LOCATION L0000929 VOLUME 476970.245 3743378.290 460.50

** End of LINE VOLUME Source ID = SLINE6

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Patterson N 20%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 9.053E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 476614.132, 3743014.763, 472.06, 3.49, 4.00

** 476613.121, 3743283.279, 467.93, 3.49, 4.00

** 476614.638, 3743361.153, 467.03, 3.49, 4.00

**

LOCATION L0000930 VOLUME 476614.116 3743019.058 472.19
LOCATION L0000931 VOLUME 476614.084 3743027.648 472.14
LOCATION L0000932 VOLUME 476614.052 3743036.238 471.86
LOCATION L0000933 VOLUME 476614.019 3743044.828 471.57
LOCATION L0000934 VOLUME 476613.987 3743053.418 471.29
LOCATION L0000935 VOLUME 476613.954 3743062.008 471.20

LOCATION	VOLUME				
LOCATION L0000936	VOLUME	476613.922	3743070.598	471.20	
LOCATION L0000937	VOLUME	476613.890	3743079.188	471.20	
LOCATION L0000938	VOLUME	476613.857	3743087.778	471.19	
LOCATION L0000939	VOLUME	476613.825	3743096.368	471.13	
LOCATION L0000940	VOLUME	476613.793	3743104.957	471.08	
LOCATION L0000941	VOLUME	476613.760	3743113.547	471.02	
LOCATION L0000942	VOLUME	476613.728	3743122.137	470.84	
LOCATION L0000943	VOLUME	476613.696	3743130.727	470.61	
LOCATION L0000944	VOLUME	476613.663	3743139.317	470.39	
LOCATION L0000945	VOLUME	476613.631	3743147.907	470.15	
LOCATION L0000946	VOLUME	476613.599	3743156.497	469.86	
LOCATION L0000947	VOLUME	476613.566	3743165.087	469.58	
LOCATION L0000948	VOLUME	476613.534	3743173.677	469.29	
LOCATION L0000949	VOLUME	476613.502	3743182.267	469.21	
LOCATION L0000950	VOLUME	476613.469	3743190.857	469.21	
LOCATION L0000951	VOLUME	476613.437	3743199.447	469.21	
LOCATION L0000952	VOLUME	476613.404	3743208.037	469.15	
LOCATION L0000953	VOLUME	476613.372	3743216.627	468.87	
LOCATION L0000954	VOLUME	476613.340	3743225.217	468.58	
LOCATION L0000955	VOLUME	476613.307	3743233.807	468.30	
LOCATION L0000956	VOLUME	476613.275	3743242.396	468.22	
LOCATION L0000957	VOLUME	476613.243	3743250.986	468.22	
LOCATION L0000958	VOLUME	476613.210	3743259.576	468.22	
LOCATION L0000959	VOLUME	476613.178	3743268.166	468.21	
LOCATION L0000960	VOLUME	476613.146	3743276.756	468.14	
LOCATION L0000961	VOLUME	476613.114	3743285.346	468.08	
LOCATION L0000962	VOLUME	476613.082	3743293.936	468.02	
LOCATION L0000963	VOLUME	476613.050	3743302.526	467.83	
LOCATION L0000964	VOLUME	476613.018	3743311.116	467.60	
LOCATION L0000965	VOLUME	476612.986	3743319.706	467.37	
LOCATION L0000966	VOLUME	476612.954	3743328.296	467.20	
LOCATION L0000967	VOLUME	476612.922	3743336.886	467.19	
LOCATION L0000968	VOLUME	476612.890	3743345.476	467.18	
LOCATION L0000969	VOLUME	476612.858	3743354.066	467.18	

** End of LINE VOLUME Source ID = SLINE7

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** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Patterson S 20%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 2.806E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

** 476613.627, 3743014.257, 472.07, 3.49, 4.00

** 476610.593, 3742718.435, 476.28, 3.49, 4.00

** 476611.604, 3742562.686, 480.59, 3.49, 4.00

** 476986.818, 3742567.237, 466.92, 3.49, 4.00

** 477233.590, 3742572.799, 458.80, 3.49, 4.00

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LOCATION	VOLUME				
LOCATION L0000970	VOLUME	476613.583	3743009.963	472.21	
LOCATION L0000971	VOLUME	476613.495	3743001.373	472.21	
LOCATION L0000972	VOLUME	476613.407	3742992.784	472.33	
LOCATION L0000973	VOLUME	476613.318	3742984.194	472.62	
LOCATION L0000974	VOLUME	476613.230	3742975.604	472.91	
LOCATION L0000975	VOLUME	476613.142	3742967.015	473.20	
LOCATION L0000976	VOLUME	476613.054	3742958.425	473.29	
LOCATION L0000977	VOLUME	476612.966	3742949.836	473.35	
LOCATION L0000978	VOLUME	476612.878	3742941.246	473.43	
LOCATION L0000979	VOLUME	476612.790	3742932.657	473.56	
LOCATION L0000980	VOLUME	476612.702	3742924.067	473.78	
LOCATION L0000981	VOLUME	476612.614	3742915.478	474.01	
LOCATION L0000982	VOLUME	476612.526	3742906.888	474.23	
LOCATION L0000983	VOLUME	476612.437	3742898.299	474.25	

LOCATION L0000984	VOLUME	476612.349	3742889.709	474.25
LOCATION L0000985	VOLUME	476612.261	3742881.119	474.25
LOCATION L0000986	VOLUME	476612.173	3742872.530	474.29
LOCATION L0000987	VOLUME	476612.085	3742863.940	474.36
LOCATION L0000988	VOLUME	476611.997	3742855.351	474.44
LOCATION L0000989	VOLUME	476611.909	3742846.761	474.52
LOCATION L0000990	VOLUME	476611.821	3742838.172	474.54
LOCATION L0000991	VOLUME	476611.733	3742829.582	474.54
LOCATION L0000992	VOLUME	476611.645	3742820.993	474.55
LOCATION L0000993	VOLUME	476611.556	3742812.403	474.64
LOCATION L0000994	VOLUME	476611.468	3742803.813	474.86
LOCATION L0000995	VOLUME	476611.380	3742795.224	475.07
LOCATION L0000996	VOLUME	476611.292	3742786.634	475.27
LOCATION L0000997	VOLUME	476611.204	3742778.045	475.29
LOCATION L0000998	VOLUME	476611.116	3742769.455	475.29
LOCATION L0000999	VOLUME	476611.028	3742760.866	475.29
LOCATION L0001000	VOLUME	476610.940	3742752.276	475.43
LOCATION L0001001	VOLUME	476610.852	3742743.687	475.72
LOCATION L0001002	VOLUME	476610.764	3742735.097	476.01
LOCATION L0001003	VOLUME	476610.675	3742726.508	476.29
LOCATION L0001004	VOLUME	476610.596	3742717.918	476.58
LOCATION L0001005	VOLUME	476610.652	3742709.328	476.87
LOCATION L0001006	VOLUME	476610.708	3742700.738	477.15
LOCATION L0001007	VOLUME	476610.763	3742692.149	477.34
LOCATION L0001008	VOLUME	476610.819	3742683.559	477.43
LOCATION L0001009	VOLUME	476610.875	3742674.969	477.51
LOCATION L0001010	VOLUME	476610.931	3742666.379	477.59
LOCATION L0001011	VOLUME	476610.986	3742657.789	477.87
LOCATION L0001012	VOLUME	476611.042	3742649.199	478.15
LOCATION L0001013	VOLUME	476611.098	3742640.610	478.44
LOCATION L0001014	VOLUME	476611.154	3742632.020	478.68
LOCATION L0001015	VOLUME	476611.210	3742623.430	478.88
LOCATION L0001016	VOLUME	476611.265	3742614.840	479.08
LOCATION L0001017	VOLUME	476611.321	3742606.250	479.28
LOCATION L0001018	VOLUME	476611.377	3742597.661	479.65
LOCATION L0001019	VOLUME	476611.433	3742589.071	480.01
LOCATION L0001020	VOLUME	476611.488	3742580.481	480.37
LOCATION L0001021	VOLUME	476611.544	3742571.891	480.70
LOCATION L0001022	VOLUME	476611.600	3742563.301	480.98
LOCATION L0001023	VOLUME	476619.578	3742562.782	480.46
LOCATION L0001024	VOLUME	476628.167	3742562.887	480.17
LOCATION L0001025	VOLUME	476636.757	3742562.991	479.88
LOCATION L0001026	VOLUME	476645.346	3742563.095	479.59
LOCATION L0001027	VOLUME	476653.935	3742563.199	479.30
LOCATION L0001028	VOLUME	476662.525	3742563.303	479.01
LOCATION L0001029	VOLUME	476671.114	3742563.408	478.72
LOCATION L0001030	VOLUME	476679.703	3742563.512	478.43
LOCATION L0001031	VOLUME	476688.293	3742563.616	478.14
LOCATION L0001032	VOLUME	476696.882	3742563.720	477.85
LOCATION L0001033	VOLUME	476705.472	3742563.824	477.56
LOCATION L0001034	VOLUME	476714.061	3742563.928	477.35
LOCATION L0001035	VOLUME	476722.650	3742564.033	477.23
LOCATION L0001036	VOLUME	476731.240	3742564.137	477.12
LOCATION L0001037	VOLUME	476739.829	3742564.241	477.00
LOCATION L0001038	VOLUME	476748.418	3742564.345	476.54
LOCATION L0001039	VOLUME	476757.008	3742564.449	476.08
LOCATION L0001040	VOLUME	476765.597	3742564.554	475.62
LOCATION L0001041	VOLUME	476774.187	3742564.658	475.38
LOCATION L0001042	VOLUME	476782.776	3742564.762	475.38
LOCATION L0001043	VOLUME	476791.365	3742564.866	474.38
LOCATION L0001044	VOLUME	476799.955	3742564.970	474.37
LOCATION L0001045	VOLUME	476808.544	3742565.074	473.79
LOCATION L0001046	VOLUME	476817.133	3742565.179	473.21
LOCATION L0001047	VOLUME	476825.723	3742565.283	472.64
LOCATION L0001048	VOLUME	476834.312	3742565.387	472.21
LOCATION L0001049	VOLUME	476842.901	3742565.491	471.92

LOCATION	VOLUME			
LOCATION L0001050	VOLUME	476851.491	3742565.595	471.63
LOCATION L0001051	VOLUME	476860.080	3742565.700	471.34
LOCATION L0001052	VOLUME	476868.670	3742565.804	471.05
LOCATION L0001053	VOLUME	476877.259	3742565.908	470.76
LOCATION L0001054	VOLUME	476885.848	3742566.012	470.47
LOCATION L0001055	VOLUME	476894.438	3742566.116	470.13
LOCATION L0001056	VOLUME	476903.027	3742566.220	469.75
LOCATION L0001057	VOLUME	476911.616	3742566.325	469.36
LOCATION L0001058	VOLUME	476920.206	3742566.429	468.99
LOCATION L0001059	VOLUME	476928.795	3742566.533	468.70
LOCATION L0001060	VOLUME	476937.385	3742566.637	468.42
LOCATION L0001061	VOLUME	476945.974	3742566.741	468.13
LOCATION L0001062	VOLUME	476954.563	3742566.846	467.84
LOCATION L0001063	VOLUME	476963.153	3742566.950	467.56
LOCATION L0001064	VOLUME	476971.742	3742567.054	467.27
LOCATION L0001065	VOLUME	476980.331	3742567.158	466.98
LOCATION L0001066	VOLUME	476988.920	3742567.262	466.70
LOCATION L0001067	VOLUME	476997.508	3742567.366	466.41
LOCATION L0001068	VOLUME	477006.096	3742567.470	466.13
LOCATION L0001069	VOLUME	477014.684	3742567.574	465.84
LOCATION L0001070	VOLUME	477023.272	3742568.059	465.55
LOCATION L0001071	VOLUME	477031.859	3742568.252	464.73
LOCATION L0001072	VOLUME	477040.447	3742568.446	464.24
LOCATION L0001073	VOLUME	477049.035	3742568.639	463.94
LOCATION L0001074	VOLUME	477057.623	3742568.833	463.65
LOCATION L0001075	VOLUME	477066.211	3742569.026	463.36
LOCATION L0001076	VOLUME	477074.799	3742569.220	463.19
LOCATION L0001077	VOLUME	477083.386	3742569.414	463.12
LOCATION L0001078	VOLUME	477091.974	3742569.607	463.06
LOCATION L0001079	VOLUME	477100.562	3742569.801	462.98
LOCATION L0001080	VOLUME	477109.150	3742569.994	462.69
LOCATION L0001081	VOLUME	477117.738	3742570.188	462.40
LOCATION L0001082	VOLUME	477126.325	3742570.381	462.12
LOCATION L0001083	VOLUME	477134.913	3742570.575	461.83
LOCATION L0001084	VOLUME	477143.501	3742570.769	461.55
LOCATION L0001085	VOLUME	477152.089	3742570.962	461.26
LOCATION L0001086	VOLUME	477160.677	3742571.156	460.97
LOCATION L0001087	VOLUME	477169.265	3742571.349	460.69
LOCATION L0001088	VOLUME	477177.852	3742571.543	460.40
LOCATION L0001089	VOLUME	477186.440	3742571.736	460.11
LOCATION L0001090	VOLUME	477195.028	3742571.930	459.85
LOCATION L0001091	VOLUME	477203.616	3742572.124	459.60
LOCATION L0001092	VOLUME	477212.204	3742572.317	459.35
LOCATION L0001093	VOLUME	477220.791	3742572.511	459.09
LOCATION L0001094	VOLUME	477229.379	3742572.704	458.80

** End of LINE VOLUME Source ID = SLINE8

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** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Harvill 45%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 8.384E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 13

** 476978.550, 3743377.338, 460.20, 3.49, 6.51

** 476855.997, 3743726.555, 458.17, 3.49, 6.51

** 476808.998, 3743858.032, 458.65, 3.49, 6.51

** 476750.696, 3744013.306, 459.78, 3.49, 6.51

** 476734.038, 3744068.634, 459.95, 3.49, 6.51

** 476726.304, 3744112.063, 460.05, 3.49, 6.51

** 476725.114, 3744175.719, 459.55, 3.49, 6.51

** 476718.570, 3744258.413, 458.90, 3.49, 6.51

** 476710.836, 3744292.323, 458.99, 3.49, 6.51

** 476683.470, 3744347.651, 459.03, 3.49, 6.51
** 476648.370, 3744398.814, 459.15, 3.49, 6.51
** 476600.181, 3744435.699, 460.05, 3.49, 6.51
** 476369.353, 3744598.707, 463.00, 3.49, 6.51

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LOCATION	L0001095	VOLUME	476976.232	3743383.943	460.19
LOCATION	L0001096	VOLUME	476971.596	3743397.153	460.28
LOCATION	L0001097	VOLUME	476966.960	3743410.363	460.43
LOCATION	L0001098	VOLUME	476962.324	3743423.573	460.44
LOCATION	L0001099	VOLUME	476957.688	3743436.784	460.23
LOCATION	L0001100	VOLUME	476953.052	3743449.994	460.00
LOCATION	L0001101	VOLUME	476948.416	3743463.204	460.02
LOCATION	L0001102	VOLUME	476943.780	3743476.414	460.00
LOCATION	L0001103	VOLUME	476939.144	3743489.624	460.00
LOCATION	L0001104	VOLUME	476934.508	3743502.834	460.00
LOCATION	L0001105	VOLUME	476929.873	3743516.044	460.00
LOCATION	L0001106	VOLUME	476925.237	3743529.255	460.00
LOCATION	L0001107	VOLUME	476920.601	3743542.465	460.00
LOCATION	L0001108	VOLUME	476915.965	3743555.675	460.00
LOCATION	L0001109	VOLUME	476911.329	3743568.885	459.94
LOCATION	L0001110	VOLUME	476906.693	3743582.095	459.70
LOCATION	L0001111	VOLUME	476902.057	3743595.305	459.61
LOCATION	L0001112	VOLUME	476897.421	3743608.516	459.44
LOCATION	L0001113	VOLUME	476892.785	3743621.726	459.13
LOCATION	L0001114	VOLUME	476888.149	3743634.936	459.00
LOCATION	L0001115	VOLUME	476883.513	3743648.146	459.00
LOCATION	L0001116	VOLUME	476878.877	3743661.356	458.89
LOCATION	L0001117	VOLUME	476874.241	3743674.566	458.71
LOCATION	L0001118	VOLUME	476869.605	3743687.776	458.64
LOCATION	L0001119	VOLUME	476864.970	3743700.987	458.42
LOCATION	L0001120	VOLUME	476860.334	3743714.197	458.06
LOCATION	L0001121	VOLUME	476855.693	3743727.405	458.09
LOCATION	L0001122	VOLUME	476850.980	3743740.588	458.06
LOCATION	L0001123	VOLUME	476846.268	3743753.771	457.86
LOCATION	L0001124	VOLUME	476841.555	3743766.954	457.73
LOCATION	L0001125	VOLUME	476836.843	3743780.137	457.67
LOCATION	L0001126	VOLUME	476832.130	3743793.320	457.40
LOCATION	L0001127	VOLUME	476827.418	3743806.503	457.09
LOCATION	L0001128	VOLUME	476822.705	3743819.686	457.58
LOCATION	L0001129	VOLUME	476817.993	3743832.869	457.93
LOCATION	L0001130	VOLUME	476813.280	3743846.052	458.18
LOCATION	L0001131	VOLUME	476808.549	3743859.229	458.55
LOCATION	L0001132	VOLUME	476803.628	3743872.335	458.87
LOCATION	L0001133	VOLUME	476798.706	3743885.442	459.00
LOCATION	L0001134	VOLUME	476793.785	3743898.548	459.00
LOCATION	L0001135	VOLUME	476788.864	3743911.655	459.00
LOCATION	L0001136	VOLUME	476783.943	3743924.761	459.00
LOCATION	L0001137	VOLUME	476779.021	3743937.868	459.00
LOCATION	L0001138	VOLUME	476774.100	3743950.974	459.00
LOCATION	L0001139	VOLUME	476769.179	3743964.081	459.02
LOCATION	L0001140	VOLUME	476764.258	3743977.187	459.19
LOCATION	L0001141	VOLUME	476759.336	3743990.294	459.35
LOCATION	L0001142	VOLUME	476754.415	3744003.400	459.51
LOCATION	L0001143	VOLUME	476749.710	3744016.580	459.67
LOCATION	L0001144	VOLUME	476745.674	3744029.986	459.81
LOCATION	L0001145	VOLUME	476741.638	3744043.391	459.94
LOCATION	L0001146	VOLUME	476737.602	3744056.797	460.00
LOCATION	L0001147	VOLUME	476733.751	3744070.247	460.00
LOCATION	L0001148	VOLUME	476731.296	3744084.030	460.00
LOCATION	L0001149	VOLUME	476728.842	3744097.813	460.00
LOCATION	L0001150	VOLUME	476726.387	3744111.596	460.00
LOCATION	L0001151	VOLUME	476726.051	3744125.586	460.00
LOCATION	L0001152	VOLUME	476725.790	3744139.584	459.94
LOCATION	L0001153	VOLUME	476725.528	3744153.581	459.70
LOCATION	L0001154	VOLUME	476725.266	3744167.579	459.49
LOCATION	L0001155	VOLUME	476724.652	3744181.559	459.51

LOCATION L0001156	VOLUME	476723.548	3744195.516	459.54
LOCATION L0001157	VOLUME	476722.443	3744209.472	459.32
LOCATION L0001158	VOLUME	476721.339	3744223.428	459.06
LOCATION L0001159	VOLUME	476720.234	3744237.385	458.87
LOCATION L0001160	VOLUME	476719.130	3744251.341	458.74
LOCATION L0001161	VOLUME	476717.035	3744265.146	458.76
LOCATION L0001162	VOLUME	476713.922	3744278.796	458.86
LOCATION L0001163	VOLUME	476710.781	3744292.435	458.97
LOCATION L0001164	VOLUME	476704.574	3744304.984	459.18
LOCATION L0001165	VOLUME	476698.367	3744317.533	459.37
LOCATION L0001166	VOLUME	476692.160	3744330.082	459.32
LOCATION L0001167	VOLUME	476685.953	3744342.631	459.09
LOCATION L0001168	VOLUME	476678.718	3744354.577	459.04
LOCATION L0001169	VOLUME	476670.798	3744366.121	459.30
LOCATION L0001170	VOLUME	476662.878	3744377.666	459.54
LOCATION L0001171	VOLUME	476654.958	3744389.210	459.47
LOCATION L0001172	VOLUME	476646.501	3744400.244	459.29
LOCATION L0001173	VOLUME	476635.384	3744408.754	459.48
LOCATION L0001174	VOLUME	476624.267	3744417.263	459.85
LOCATION L0001175	VOLUME	476613.149	3744425.773	460.00
LOCATION L0001176	VOLUME	476602.032	3744434.282	460.00
LOCATION L0001177	VOLUME	476590.650	3744442.430	460.00
LOCATION L0001178	VOLUME	476579.214	3744450.506	460.35
LOCATION L0001179	VOLUME	476567.778	3744458.582	460.74
LOCATION L0001180	VOLUME	476556.342	3744466.658	461.00
LOCATION L0001181	VOLUME	476544.906	3744474.734	461.00
LOCATION L0001182	VOLUME	476533.470	3744482.809	461.00
LOCATION L0001183	VOLUME	476522.034	3744490.885	461.26
LOCATION L0001184	VOLUME	476510.598	3744498.961	461.58
LOCATION L0001185	VOLUME	476499.162	3744507.037	461.65
LOCATION L0001186	VOLUME	476487.726	3744515.113	461.62
LOCATION L0001187	VOLUME	476476.290	3744523.189	461.81
LOCATION L0001188	VOLUME	476464.854	3744531.265	462.00
LOCATION L0001189	VOLUME	476453.419	3744539.341	462.00
LOCATION L0001190	VOLUME	476441.983	3744547.417	462.00
LOCATION L0001191	VOLUME	476430.547	3744555.492	462.01
LOCATION L0001192	VOLUME	476419.111	3744563.568	462.00
LOCATION L0001193	VOLUME	476407.675	3744571.644	462.07
LOCATION L0001194	VOLUME	476396.239	3744579.720	462.45
LOCATION L0001195	VOLUME	476384.803	3744587.796	462.83
LOCATION L0001196	VOLUME	476373.367	3744595.872	463.00

** End of LINE VOLUME Source ID = SLINE9

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC Cajalco W 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 5.617E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 6

** 476350.915, 3744599.767, 463.00, 3.49, 6.51

** 476310.567, 3744537.186, 463.30, 3.49, 6.51

** 476282.571, 3744496.015, 464.13, 3.49, 6.51

** 476247.164, 3744443.316, 465.45, 3.49, 6.51

** 476219.991, 3744399.675, 466.13, 3.49, 6.51

** 476190.348, 3744362.621, 467.00, 3.49, 6.51

** -----

LOCATION L0001197	VOLUME	476347.122	3744593.883	463.00
LOCATION L0001198	VOLUME	476339.536	3744582.117	463.00
LOCATION L0001199	VOLUME	476331.950	3744570.351	463.00
LOCATION L0001200	VOLUME	476324.363	3744558.584	463.00
LOCATION L0001201	VOLUME	476316.777	3744546.818	463.10
LOCATION L0001202	VOLUME	476309.139	3744535.086	463.36

LOCATION L0001203	VOLUME	476301.267	3744523.509	463.65
LOCATION L0001204	VOLUME	476293.394	3744511.932	463.94
LOCATION L0001205	VOLUME	476285.522	3744500.355	464.12
LOCATION L0001206	VOLUME	476277.690	3744488.750	464.55
LOCATION L0001207	VOLUME	476269.882	3744477.130	464.88
LOCATION L0001208	VOLUME	476262.075	3744465.509	465.00
LOCATION L0001209	VOLUME	476254.267	3744453.888	465.08
LOCATION L0001210	VOLUME	476246.496	3744442.244	465.35
LOCATION L0001211	VOLUME	476239.096	3744430.359	465.75
LOCATION L0001212	VOLUME	476231.696	3744418.475	465.97
LOCATION L0001213	VOLUME	476224.297	3744406.590	466.00
LOCATION L0001214	VOLUME	476216.334	3744395.104	466.37
LOCATION L0001215	VOLUME	476207.588	3744384.172	466.73
LOCATION L0001216	VOLUME	476198.843	3744373.240	467.00

** End of LINE VOLUME Source ID = SLINE10

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Harvill N 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 7.883E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 7

** 476350.915, 3744609.648, 463.00, 3.49, 6.51

** 476316.331, 3744634.350, 463.10, 3.49, 6.51

** 476286.688, 3744661.523, 463.93, 3.49, 6.51

** 476268.573, 3744685.403, 464.00, 3.49, 6.51

** 476248.811, 3744714.223, 464.05, 3.49, 6.51

** 476222.461, 3744782.567, 463.93, 3.49, 6.51

** 476214.227, 3744963.720, 464.06, 3.49, 6.51

**

LOCATION L0001217	VOLUME	476345.219	3744613.716	463.00
LOCATION L0001218	VOLUME	476333.827	3744621.854	463.00
LOCATION L0001219	VOLUME	476322.434	3744629.991	463.00
LOCATION L0001220	VOLUME	476311.540	3744638.743	463.28
LOCATION L0001221	VOLUME	476301.220	3744648.203	463.62
LOCATION L0001222	VOLUME	476290.900	3744657.663	463.96
LOCATION L0001223	VOLUME	476281.680	3744668.125	464.00
LOCATION L0001224	VOLUME	476273.218	3744679.279	463.95
LOCATION L0001225	VOLUME	476265.002	3744690.610	463.92
LOCATION L0001226	VOLUME	476257.085	3744702.156	464.00
LOCATION L0001227	VOLUME	476249.167	3744713.702	464.00
LOCATION L0001228	VOLUME	476244.001	3744726.697	464.00
LOCATION L0001229	VOLUME	476238.965	3744739.759	463.96
LOCATION L0001230	VOLUME	476233.929	3744752.822	463.92
LOCATION L0001231	VOLUME	476228.893	3744765.885	464.00
LOCATION L0001232	VOLUME	476223.856	3744778.948	464.00
LOCATION L0001233	VOLUME	476222.002	3744792.678	464.00
LOCATION L0001234	VOLUME	476221.366	3744806.663	464.00
LOCATION L0001235	VOLUME	476220.730	3744820.649	464.00
LOCATION L0001236	VOLUME	476220.094	3744834.634	464.00
LOCATION L0001237	VOLUME	476219.459	3744848.620	464.00
LOCATION L0001238	VOLUME	476218.823	3744862.605	464.00
LOCATION L0001239	VOLUME	476218.187	3744876.591	464.00
LOCATION L0001240	VOLUME	476217.552	3744890.577	464.00
LOCATION L0001241	VOLUME	476216.916	3744904.562	464.00
LOCATION L0001242	VOLUME	476216.280	3744918.548	464.00
LOCATION L0001243	VOLUME	476215.644	3744932.533	464.00
LOCATION L0001244	VOLUME	476215.009	3744946.519	464.00
LOCATION L0001245	VOLUME	476214.373	3744960.504	464.00

** End of LINE VOLUME Source ID = SLINE11

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** Line Source Represented by Adjacent Volume Sources

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** LINE VOLUME Source ID = SLINE12
** DESCRSRC Cajalco E 15%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.132E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 476364.090, 3744617.059, 463.00, 3.49, 6.51
** 476421.730, 3744688.696, 461.68, 3.49, 6.51
** 476465.371, 3744723.280, 460.62, 3.49, 6.51
** 476527.951, 3744765.275, 460.00, 3.49, 6.51
** 476583.944, 3744792.448, 458.07, 3.49, 6.51
** 476694.283, 3744831.972, 457.00, 3.49, 6.51
** 476858.144, 3744892.905, 456.00, 3.49, 6.51

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LOCATION L0001246      VOLUME  476368.478 3744622.512 462.87
LOCATION L0001247      VOLUME  476377.254 3744633.420 462.48
LOCATION L0001248      VOLUME  476386.031 3744644.328 462.05
LOCATION L0001249      VOLUME  476394.807 3744655.235 462.00
LOCATION L0001250      VOLUME  476403.583 3744666.143 462.00
LOCATION L0001251      VOLUME  476412.359 3744677.051 461.92
LOCATION L0001252      VOLUME  476421.136 3744687.958 461.62
LOCATION L0001253      VOLUME  476431.960 3744696.803 461.26
LOCATION L0001254      VOLUME  476442.932 3744705.498 460.90
LOCATION L0001255      VOLUME  476453.904 3744714.193 460.66
LOCATION L0001256      VOLUME  476464.877 3744722.889 460.63
LOCATION L0001257      VOLUME  476476.473 3744730.730 460.64
LOCATION L0001258      VOLUME  476488.098 3744738.531 460.36
LOCATION L0001259      VOLUME  476499.723 3744746.332 460.00
LOCATION L0001260      VOLUME  476511.348 3744754.133 460.00
LOCATION L0001261      VOLUME  476522.973 3744761.934 460.00
LOCATION L0001262      VOLUME  476535.153 3744768.770 459.82
LOCATION L0001263      VOLUME  476547.748 3744774.882 459.40
LOCATION L0001264      VOLUME  476560.343 3744780.994 458.98
LOCATION L0001265      VOLUME  476572.938 3744787.107 458.56
LOCATION L0001266      VOLUME  476585.607 3744793.044 458.14
LOCATION L0001267      VOLUME  476598.787 3744797.765 458.00
LOCATION L0001268      VOLUME  476611.967 3744802.486 458.00
LOCATION L0001269      VOLUME  476625.147 3744807.207 457.94
LOCATION L0001270      VOLUME  476638.327 3744811.928 457.68
LOCATION L0001271      VOLUME  476651.507 3744816.649 457.30
LOCATION L0001272      VOLUME  476664.687 3744821.371 457.08
LOCATION L0001273      VOLUME  476677.867 3744826.092 457.00
LOCATION L0001274      VOLUME  476691.047 3744830.813 457.00
LOCATION L0001275      VOLUME  476704.183 3744835.654 457.00
LOCATION L0001276      VOLUME  476717.305 3744840.533 457.00
LOCATION L0001277      VOLUME  476730.427 3744845.413 457.00
LOCATION L0001278      VOLUME  476743.550 3744850.292 457.00
LOCATION L0001279      VOLUME  476756.672 3744855.172 457.00
LOCATION L0001280      VOLUME  476769.794 3744860.052 457.00
LOCATION L0001281      VOLUME  476782.916 3744864.931 457.00
LOCATION L0001282      VOLUME  476796.038 3744869.811 456.00
LOCATION L0001283      VOLUME  476809.160 3744874.690 456.00
LOCATION L0001284      VOLUME  476822.282 3744879.570 456.00
LOCATION L0001285      VOLUME  476835.404 3744884.449 456.00
LOCATION L0001286      VOLUME  476848.526 3744889.329 456.00

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** End of LINE VOLUME Source ID = SLINE12

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC Harvill S 15%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent

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** Emission Rate = 1.644E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 476980.834, 3743375.336, 460.29, 3.49, 6.51
** 477179.279, 3742816.232, 459.09, 3.49, 6.51
** 477235.272, 3742651.547, 458.73, 3.49, 6.51
** 477243.506, 3742591.437, 458.13, 3.49, 6.51
** 477242.683, 3742580.732, 458.15, 3.49, 6.51

**

LOCATION	L0001287	VOLUME	476983.176	3743368.739	460.52
LOCATION	L0001288	VOLUME	476987.858	3743355.546	460.73
LOCATION	L0001289	VOLUME	476992.541	3743342.352	460.58
LOCATION	L0001290	VOLUME	476997.224	3743329.158	460.42
LOCATION	L0001291	VOLUME	477001.907	3743315.965	460.27
LOCATION	L0001292	VOLUME	477006.590	3743302.771	460.11
LOCATION	L0001293	VOLUME	477011.273	3743289.578	460.00
LOCATION	L0001294	VOLUME	477015.955	3743276.384	460.00
LOCATION	L0001295	VOLUME	477020.638	3743263.190	460.06
LOCATION	L0001296	VOLUME	477025.321	3743249.997	460.26
LOCATION	L0001297	VOLUME	477030.004	3743236.803	460.32
LOCATION	L0001298	VOLUME	477034.687	3743223.610	460.17
LOCATION	L0001299	VOLUME	477039.370	3743210.416	460.02
LOCATION	L0001300	VOLUME	477044.053	3743197.223	460.00
LOCATION	L0001301	VOLUME	477048.735	3743184.029	460.00
LOCATION	L0001302	VOLUME	477053.418	3743170.835	460.00
LOCATION	L0001303	VOLUME	477058.101	3743157.642	460.00
LOCATION	L0001304	VOLUME	477062.784	3743144.448	460.00
LOCATION	L0001305	VOLUME	477067.467	3743131.255	460.00
LOCATION	L0001306	VOLUME	477072.150	3743118.061	460.00
LOCATION	L0001307	VOLUME	477076.833	3743104.867	460.00
LOCATION	L0001308	VOLUME	477081.515	3743091.674	460.00
LOCATION	L0001309	VOLUME	477086.198	3743078.480	460.00
LOCATION	L0001310	VOLUME	477090.881	3743065.287	460.00
LOCATION	L0001311	VOLUME	477095.564	3743052.093	460.00
LOCATION	L0001312	VOLUME	477100.247	3743038.899	459.99
LOCATION	L0001313	VOLUME	477104.930	3743025.706	459.83
LOCATION	L0001314	VOLUME	477109.612	3743012.512	459.68
LOCATION	L0001315	VOLUME	477114.295	3742999.319	459.52
LOCATION	L0001316	VOLUME	477118.978	3742986.125	459.36
LOCATION	L0001317	VOLUME	477123.661	3742972.931	459.21
LOCATION	L0001318	VOLUME	477128.344	3742959.738	459.05
LOCATION	L0001319	VOLUME	477133.027	3742946.544	459.00
LOCATION	L0001320	VOLUME	477137.710	3742933.351	459.07
LOCATION	L0001321	VOLUME	477142.392	3742920.157	459.31
LOCATION	L0001322	VOLUME	477147.075	3742906.963	459.42
LOCATION	L0001323	VOLUME	477151.758	3742893.770	459.27
LOCATION	L0001324	VOLUME	477156.441	3742880.576	459.11
LOCATION	L0001325	VOLUME	477161.124	3742867.383	458.96
LOCATION	L0001326	VOLUME	477165.807	3742854.189	458.80
LOCATION	L0001327	VOLUME	477170.490	3742840.996	458.71
LOCATION	L0001328	VOLUME	477175.172	3742827.802	458.80
LOCATION	L0001329	VOLUME	477179.834	3742814.601	459.02
LOCATION	L0001330	VOLUME	477184.340	3742801.346	459.09
LOCATION	L0001331	VOLUME	477188.847	3742788.091	459.03
LOCATION	L0001332	VOLUME	477193.353	3742774.836	458.88
LOCATION	L0001333	VOLUME	477197.860	3742761.582	458.73
LOCATION	L0001334	VOLUME	477202.367	3742748.327	458.58
LOCATION	L0001335	VOLUME	477206.873	3742735.072	458.43
LOCATION	L0001336	VOLUME	477211.380	3742721.817	458.39
LOCATION	L0001337	VOLUME	477215.887	3742708.562	458.64
LOCATION	L0001338	VOLUME	477220.393	3742695.307	458.98
LOCATION	L0001339	VOLUME	477224.900	3742682.053	458.83
LOCATION	L0001340	VOLUME	477229.407	3742668.798	458.68
LOCATION	L0001341	VOLUME	477233.913	3742655.543	458.53
LOCATION	L0001342	VOLUME	477238.419	3742642.288	458.44

LOCATION L0001343	VOLUME	477238.499	3742627.988	458.38
LOCATION L0001344	VOLUME	477240.399	3742614.117	458.32
LOCATION L0001345	VOLUME	477242.299	3742600.247	458.25
LOCATION L0001346	VOLUME	477243.114	3742586.344	458.23

** End of LINE VOLUME Source ID = SLINE13

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE14

** DESCRSRC Placentia 55%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 4.428E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 477245.149, 3742574.966, 458.06, 3.49, 6.51

** 477446.068, 3742578.259, 454.53, 3.49, 6.51

** 477731.800, 3742572.495, 450.02, 3.49, 6.51

** 477861.079, 3742566.731, 448.26, 3.49, 6.51

**

LOCATION L0001347	VOLUME	477252.148	3742575.080	458.03
LOCATION L0001348	VOLUME	477266.147	3742575.310	458.01
LOCATION L0001349	VOLUME	477280.145	3742575.539	457.99
LOCATION L0001350	VOLUME	477294.143	3742575.769	457.52
LOCATION L0001351	VOLUME	477308.141	3742575.998	457.06
LOCATION L0001352	VOLUME	477322.139	3742576.228	456.59
LOCATION L0001353	VOLUME	477336.137	3742576.457	456.12
LOCATION L0001354	VOLUME	477350.135	3742576.687	456.00
LOCATION L0001355	VOLUME	477364.133	3742576.916	456.00
LOCATION L0001356	VOLUME	477378.131	3742577.146	455.99
LOCATION L0001357	VOLUME	477392.130	3742577.375	455.97
LOCATION L0001358	VOLUME	477406.128	3742577.605	455.75
LOCATION L0001359	VOLUME	477420.126	3742577.834	455.31
LOCATION L0001360	VOLUME	477434.124	3742578.064	454.86
LOCATION L0001361	VOLUME	477448.122	3742578.218	454.39
LOCATION L0001362	VOLUME	477462.119	3742577.935	454.00
LOCATION L0001363	VOLUME	477476.116	3742577.653	454.00
LOCATION L0001364	VOLUME	477490.113	3742577.371	453.99
LOCATION L0001365	VOLUME	477504.111	3742577.088	453.53
LOCATION L0001366	VOLUME	477518.108	3742576.806	453.06
LOCATION L0001367	VOLUME	477532.105	3742576.524	452.99
LOCATION L0001368	VOLUME	477546.102	3742576.241	453.00
LOCATION L0001369	VOLUME	477560.099	3742575.959	452.66
LOCATION L0001370	VOLUME	477574.096	3742575.677	452.21
LOCATION L0001371	VOLUME	477588.093	3742575.394	452.02
LOCATION L0001372	VOLUME	477602.091	3742575.112	452.01
LOCATION L0001373	VOLUME	477616.088	3742574.830	451.80
LOCATION L0001374	VOLUME	477630.085	3742574.547	451.36
LOCATION L0001375	VOLUME	477644.082	3742574.265	451.05
LOCATION L0001376	VOLUME	477658.079	3742573.982	451.03
LOCATION L0001377	VOLUME	477672.076	3742573.700	451.00
LOCATION L0001378	VOLUME	477686.074	3742573.418	451.00
LOCATION L0001379	VOLUME	477700.071	3742573.135	450.99
LOCATION L0001380	VOLUME	477714.068	3742572.853	450.53
LOCATION L0001381	VOLUME	477728.065	3742572.571	450.06
LOCATION L0001382	VOLUME	477742.054	3742572.038	450.00
LOCATION L0001383	VOLUME	477756.040	3742571.414	450.00
LOCATION L0001384	VOLUME	477770.026	3742570.791	449.72
LOCATION L0001385	VOLUME	477784.012	3742570.167	449.36
LOCATION L0001386	VOLUME	477797.998	3742569.544	449.16
LOCATION L0001387	VOLUME	477811.985	3742568.920	449.06
LOCATION L0001388	VOLUME	477825.971	3742568.297	448.85
LOCATION L0001389	VOLUME	477839.957	3742567.673	448.52
LOCATION L0001390	VOLUME	477853.943	3742567.049	448.26

** End of LINE VOLUME Source ID = SLINE14


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SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14198 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 "14198 Ops.AD\AN00GALL.PLT" 31
  SUMMFILE "14198 Ops.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 11/15/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198 Ops\14198 Ops.ADI
**
```

```
*****
**
**
*****
```

```
** AERMOD Control Pathway
*****
**
**
```

```
CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14198 Ops.err"
```

```
CO FINISHED
**
*****
```

```
** AERMOD Source Pathway
*****
**
**
```

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

```
-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idling N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.61E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476288.238, 3743248.741, 476.18, 3.49, 4.00
** 476496.481, 3743250.202, 471.50, 3.49, 4.00
**
```

```
-----
LOCATION L0000696      VOLUME  476292.533 3743248.771 475.58
LOCATION L0000697      VOLUME  476301.123 3743248.831 475.58
LOCATION L0000698      VOLUME  476309.713 3743248.892 475.58
LOCATION L0000699      VOLUME  476318.303 3743248.952 475.57
LOCATION L0000700      VOLUME  476326.892 3743249.012 475.44
LOCATION L0000701      VOLUME  476335.482 3743249.073 475.27
LOCATION L0000702      VOLUME  476344.072 3743249.133 475.11
LOCATION L0000703      VOLUME  476352.662 3743249.193 474.96
LOCATION L0000704      VOLUME  476361.252 3743249.253 474.83
LOCATION L0000705      VOLUME  476369.841 3743249.314 474.71
LOCATION L0000706      VOLUME  476378.431 3743249.374 474.58
LOCATION L0000707      VOLUME  476387.021 3743249.434 474.32
LOCATION L0000708      VOLUME  476395.611 3743249.495 474.03
LOCATION L0000709      VOLUME  476404.200 3743249.555 473.74
LOCATION L0000710      VOLUME  476412.790 3743249.615 473.50
LOCATION L0000711      VOLUME  476421.380 3743249.675 473.34
```

LOCATION L0000712	VOLUME	476429.970	3743249.736	473.18
LOCATION L0000713	VOLUME	476438.560	3743249.796	473.02
LOCATION L0000714	VOLUME	476447.149	3743249.856	472.89
LOCATION L0000715	VOLUME	476455.739	3743249.916	472.76
LOCATION L0000716	VOLUME	476464.329	3743249.977	472.62
LOCATION L0000717	VOLUME	476472.919	3743250.037	472.44
LOCATION L0000718	VOLUME	476481.509	3743250.097	472.15
LOCATION L0000719	VOLUME	476490.098	3743250.158	471.86

** End of LINE VOLUME Source ID = SLINE1

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Idling S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 9.61E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 476292.257, 3743032.461, 480.07, 3.49, 4.00

** 476500.865, 3743034.288, 475.94, 3.49, 4.00

** -----

LOCATION L0000720	VOLUME	476296.552	3743032.499	479.95
LOCATION L0000721	VOLUME	476305.142	3743032.574	479.89
LOCATION L0000722	VOLUME	476313.731	3743032.649	479.83
LOCATION L0000723	VOLUME	476322.321	3743032.725	479.70
LOCATION L0000724	VOLUME	476330.911	3743032.800	479.41
LOCATION L0000725	VOLUME	476339.500	3743032.875	479.12
LOCATION L0000726	VOLUME	476348.090	3743032.950	478.83
LOCATION L0000727	VOLUME	476356.680	3743033.025	478.54
LOCATION L0000728	VOLUME	476365.269	3743033.101	478.25
LOCATION L0000729	VOLUME	476373.859	3743033.176	477.97
LOCATION L0000730	VOLUME	476382.449	3743033.251	477.68
LOCATION L0000731	VOLUME	476391.038	3743033.326	477.39
LOCATION L0000732	VOLUME	476399.628	3743033.401	477.10
LOCATION L0000733	VOLUME	476408.218	3743033.477	476.81
LOCATION L0000734	VOLUME	476416.807	3743033.552	476.58
LOCATION L0000735	VOLUME	476425.397	3743033.627	476.36
LOCATION L0000736	VOLUME	476433.987	3743033.702	476.15
LOCATION L0000737	VOLUME	476442.576	3743033.778	475.98
LOCATION L0000738	VOLUME	476451.166	3743033.853	475.90
LOCATION L0000739	VOLUME	476459.756	3743033.928	475.83
LOCATION L0000740	VOLUME	476468.345	3743034.003	475.75
LOCATION L0000741	VOLUME	476476.935	3743034.078	475.74
LOCATION L0000742	VOLUME	476485.525	3743034.154	475.73
LOCATION L0000743	VOLUME	476494.114	3743034.229	475.73

** End of LINE VOLUME Source ID = SLINE2

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Onsite N

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001301

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 9

** 476410.626, 3743347.017, 471.93, 3.49, 4.00

** 476410.261, 3743329.846, 472.01, 3.49, 4.00

** 476400.762, 3743324.366, 472.07, 3.49, 4.00

** 476366.055, 3743323.270, 472.64, 3.49, 4.00

** 476269.606, 3743323.635, 474.13, 3.49, 4.00

** 476260.838, 3743319.982, 474.10, 3.49, 4.00

** 476259.742, 3743303.176, 475.03, 3.49, 4.00

** 476261.203, 3743272.853, 475.98, 3.49, 4.00
** 476493.558, 3743275.776, 471.13, 3.49, 4.00

** -----

LOCATION	VOLUME				
L0000744	476410.535	3743342.723	471.99		
L0000745	476410.352	3743334.135	472.00		
L0000746	476406.536	3743327.697	472.00		
L0000747	476398.839	3743324.305	472.06		
L0000748	476390.253	3743324.034	472.07		
L0000749	476381.668	3743323.763	472.08		
L0000750	476373.082	3743323.492	472.31		
L0000751	476364.495	3743323.276	472.61		
L0000752	476355.906	3743323.308	472.89		
L0000753	476347.316	3743323.341	473.17		
L0000754	476338.726	3743323.373	473.43		
L0000755	476330.136	3743323.406	473.69		
L0000756	476321.546	3743323.438	473.95		
L0000757	476312.956	3743323.471	474.02		
L0000758	476304.366	3743323.504	474.05		
L0000759	476295.776	3743323.536	474.07		
L0000760	476287.186	3743323.569	474.09		
L0000761	476278.596	3743323.601	474.09		
L0000762	476270.006	3743323.634	474.08		
L0000763	476262.046	3743320.485	474.19		
L0000764	476260.364	3743312.716	474.45		
L0000765	476259.805	3743304.144	474.73		
L0000766	476260.109	3743295.565	475.02		
L0000767	476260.522	3743286.985	475.30		
L0000768	476260.936	3743278.405	475.57		
L0000769	476264.235	3743272.891	475.66		
L0000770	476272.824	3743272.999	475.44		
L0000771	476281.413	3743273.108	475.22		
L0000772	476290.003	3743273.216	475.00		
L0000773	476298.592	3743273.324	474.93		
L0000774	476307.181	3743273.432	474.86		
L0000775	476315.771	3743273.540	474.79		
L0000776	476324.360	3743273.648	474.75		
L0000777	476332.949	3743273.756	474.75		
L0000778	476341.539	3743273.864	474.74		
L0000779	476350.128	3743273.972	474.73		
L0000780	476358.717	3743274.080	474.44		
L0000781	476367.307	3743274.188	474.15		
L0000782	476375.896	3743274.296	473.86		
L0000783	476384.485	3743274.404	473.61		
L0000784	476393.075	3743274.512	473.40		
L0000785	476401.664	3743274.620	473.20		
L0000786	476410.253	3743274.728	473.00		
L0000787	476418.843	3743274.836	472.91		
L0000788	476427.432	3743274.944	472.83		
L0000789	476436.021	3743275.052	472.74		
L0000790	476444.611	3743275.160	472.59		
L0000791	476453.200	3743275.268	472.39		
L0000792	476461.789	3743275.376	472.19		
L0000793	476470.379	3743275.484	471.98		
L0000794	476478.968	3743275.592	471.70		
L0000795	476487.557	3743275.701	471.41		

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Onsite S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001723

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 6
** 476260.838, 3743273.949, 475.98, 3.49, 4.00
** 476264.857, 3743018.578, 480.96, 3.49, 4.00
** 476275.817, 3743006.888, 481.14, 3.49, 4.00
** 476492.827, 3743009.445, 476.18, 3.49, 4.00
** 476508.902, 3743016.021, 475.81, 3.49, 4.00
** 476596.948, 3743016.386, 472.92, 3.49, 4.00

**

LOCATION	L0000796	VOLUME	476260.906	3743269.655	475.85
LOCATION	L0000797	VOLUME	476261.041	3743261.066	476.13
LOCATION	L0000798	VOLUME	476261.176	3743252.477	476.41
LOCATION	L0000799	VOLUME	476261.311	3743243.888	476.69
LOCATION	L0000800	VOLUME	476261.446	3743235.299	476.95
LOCATION	L0000801	VOLUME	476261.581	3743226.710	476.96
LOCATION	L0000802	VOLUME	476261.717	3743218.121	476.98
LOCATION	L0000803	VOLUME	476261.852	3743209.532	476.99
LOCATION	L0000804	VOLUME	476261.987	3743200.943	477.16
LOCATION	L0000805	VOLUME	476262.122	3743192.354	477.43
LOCATION	L0000806	VOLUME	476262.257	3743183.765	477.69
LOCATION	L0000807	VOLUME	476262.392	3743175.177	477.95
LOCATION	L0000808	VOLUME	476262.528	3743166.588	478.23
LOCATION	L0000809	VOLUME	476262.663	3743157.999	478.51
LOCATION	L0000810	VOLUME	476262.798	3743149.410	478.79
LOCATION	L0000811	VOLUME	476262.933	3743140.821	479.08
LOCATION	L0000812	VOLUME	476263.068	3743132.232	479.36
LOCATION	L0000813	VOLUME	476263.203	3743123.643	479.64
LOCATION	L0000814	VOLUME	476263.338	3743115.054	479.92
LOCATION	L0000815	VOLUME	476263.474	3743106.465	480.20
LOCATION	L0000816	VOLUME	476263.609	3743097.876	480.48
LOCATION	L0000817	VOLUME	476263.744	3743089.287	480.77
LOCATION	L0000818	VOLUME	476263.879	3743080.698	480.87
LOCATION	L0000819	VOLUME	476264.014	3743072.109	480.86
LOCATION	L0000820	VOLUME	476264.149	3743063.520	480.86
LOCATION	L0000821	VOLUME	476264.285	3743054.931	480.85
LOCATION	L0000822	VOLUME	476264.420	3743046.342	480.85
LOCATION	L0000823	VOLUME	476264.555	3743037.754	480.84
LOCATION	L0000824	VOLUME	476264.690	3743029.165	480.84
LOCATION	L0000825	VOLUME	476264.825	3743020.576	480.86
LOCATION	L0000826	VOLUME	476269.366	3743013.769	480.81
LOCATION	L0000827	VOLUME	476275.241	3743007.502	480.81
LOCATION	L0000828	VOLUME	476283.564	3743006.979	480.72
LOCATION	L0000829	VOLUME	476292.153	3743007.080	480.59
LOCATION	L0000830	VOLUME	476300.743	3743007.181	480.40
LOCATION	L0000831	VOLUME	476309.332	3743007.283	480.22
LOCATION	L0000832	VOLUME	476317.921	3743007.384	480.04
LOCATION	L0000833	VOLUME	476326.511	3743007.485	479.78
LOCATION	L0000834	VOLUME	476335.100	3743007.586	479.49
LOCATION	L0000835	VOLUME	476343.690	3743007.688	479.21
LOCATION	L0000836	VOLUME	476352.279	3743007.789	478.97
LOCATION	L0000837	VOLUME	476360.869	3743007.890	478.86
LOCATION	L0000838	VOLUME	476369.458	3743007.991	478.74
LOCATION	L0000839	VOLUME	476378.047	3743008.092	478.63
LOCATION	L0000840	VOLUME	476386.637	3743008.194	478.37
LOCATION	L0000841	VOLUME	476395.226	3743008.295	478.08
LOCATION	L0000842	VOLUME	476403.816	3743008.396	477.79
LOCATION	L0000843	VOLUME	476412.405	3743008.497	477.50
LOCATION	L0000844	VOLUME	476420.994	3743008.599	477.21
LOCATION	L0000845	VOLUME	476429.584	3743008.700	476.92
LOCATION	L0000846	VOLUME	476438.173	3743008.801	476.63
LOCATION	L0000847	VOLUME	476446.763	3743008.902	476.58
LOCATION	L0000848	VOLUME	476455.352	3743009.003	476.57
LOCATION	L0000849	VOLUME	476463.941	3743009.105	476.57
LOCATION	L0000850	VOLUME	476472.531	3743009.206	476.51
LOCATION	L0000851	VOLUME	476481.120	3743009.307	476.35
LOCATION	L0000852	VOLUME	476489.710	3743009.408	476.19
LOCATION	L0000853	VOLUME	476497.892	3743011.517	476.03

LOCATION	L0000854	VOLUME	476505.842	3743014.769	475.80
LOCATION	L0000855	VOLUME	476514.186	3743016.043	475.52
LOCATION	L0000856	VOLUME	476522.776	3743016.079	475.24
LOCATION	L0000857	VOLUME	476531.366	3743016.114	474.95
LOCATION	L0000858	VOLUME	476539.956	3743016.150	474.66
LOCATION	L0000859	VOLUME	476548.546	3743016.186	474.38
LOCATION	L0000860	VOLUME	476557.136	3743016.221	474.09
LOCATION	L0000861	VOLUME	476565.726	3743016.257	473.80
LOCATION	L0000862	VOLUME	476574.316	3743016.293	473.52
LOCATION	L0000863	VOLUME	476582.906	3743016.328	473.23
LOCATION	L0000864	VOLUME	476591.496	3743016.364	472.95

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Rider 60%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.58E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 476410.344, 3743357.614, 472.00, 3.49, 4.00

** 476501.366, 3743359.636, 470.01, 3.49, 4.00

** 476563.564, 3743362.165, 468.98, 3.49, 4.00

** 476611.604, 3743366.716, 467.12, 3.49, 4.00

** -----

LOCATION	L0000865	VOLUME	476414.638	3743357.709	471.79
LOCATION	L0000866	VOLUME	476423.225	3743357.900	471.50
LOCATION	L0000867	VOLUME	476431.813	3743358.091	471.20
LOCATION	L0000868	VOLUME	476440.401	3743358.282	470.91
LOCATION	L0000869	VOLUME	476448.989	3743358.472	470.64
LOCATION	L0000870	VOLUME	476457.577	3743358.663	470.38
LOCATION	L0000871	VOLUME	476466.165	3743358.854	470.11
LOCATION	L0000872	VOLUME	476474.753	3743359.045	470.00
LOCATION	L0000873	VOLUME	476483.341	3743359.236	470.00
LOCATION	L0000874	VOLUME	476491.928	3743359.427	470.00
LOCATION	L0000875	VOLUME	476500.516	3743359.618	470.00
LOCATION	L0000876	VOLUME	476509.100	3743359.951	469.96
LOCATION	L0000877	VOLUME	476517.683	3743360.300	469.92
LOCATION	L0000878	VOLUME	476526.266	3743360.649	469.87
LOCATION	L0000879	VOLUME	476534.849	3743360.998	469.67
LOCATION	L0000880	VOLUME	476543.431	3743361.346	469.37
LOCATION	L0000881	VOLUME	476552.014	3743361.695	469.08
LOCATION	L0000882	VOLUME	476560.597	3743362.044	468.78
LOCATION	L0000883	VOLUME	476569.160	3743362.695	468.47
LOCATION	L0000884	VOLUME	476577.711	3743363.505	468.16
LOCATION	L0000885	VOLUME	476586.263	3743364.315	467.85
LOCATION	L0000886	VOLUME	476594.815	3743365.125	467.59
LOCATION	L0000887	VOLUME	476603.367	3743365.936	467.37

** End of LINE VOLUME Source ID = SLINE5

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Rider 80%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.747E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

** 476614.132, 3743367.727, 467.08, 3.49, 4.00

** 476719.819, 3743376.324, 464.79, 3.49, 4.00

** 476823.989, 3743376.830, 462.00, 3.49, 4.00

** 476921.080, 3743376.830, 461.00, 3.49, 4.00
** 476972.153, 3743378.347, 460.29, 3.49, 4.00

** -----
LOCATION L0000888 VOLUME 476618.413 3743368.075 467.03
LOCATION L0000889 VOLUME 476626.975 3743368.772 466.76
LOCATION L0000890 VOLUME 476635.537 3743369.468 466.48
LOCATION L0000891 VOLUME 476644.098 3743370.165 466.19
LOCATION L0000892 VOLUME 476652.660 3743370.861 465.95
LOCATION L0000893 VOLUME 476661.222 3743371.558 465.81
LOCATION L0000894 VOLUME 476669.784 3743372.254 465.64
LOCATION L0000895 VOLUME 476678.345 3743372.950 465.47
LOCATION L0000896 VOLUME 476686.907 3743373.647 465.32
LOCATION L0000897 VOLUME 476695.469 3743374.343 465.19
LOCATION L0000898 VOLUME 476704.031 3743375.040 465.07
LOCATION L0000899 VOLUME 476712.592 3743375.736 464.91
LOCATION L0000900 VOLUME 476721.158 3743376.330 464.62
LOCATION L0000901 VOLUME 476729.748 3743376.372 464.34
LOCATION L0000902 VOLUME 476738.338 3743376.414 464.05
LOCATION L0000903 VOLUME 476746.928 3743376.455 463.76
LOCATION L0000904 VOLUME 476755.518 3743376.497 463.48
LOCATION L0000905 VOLUME 476764.108 3743376.539 463.19
LOCATION L0000906 VOLUME 476772.698 3743376.581 463.00
LOCATION L0000907 VOLUME 476781.288 3743376.622 463.00
LOCATION L0000908 VOLUME 476789.878 3743376.664 462.32
LOCATION L0000909 VOLUME 476798.467 3743376.706 462.32
LOCATION L0000910 VOLUME 476807.057 3743376.747 462.24
LOCATION L0000911 VOLUME 476815.647 3743376.789 462.15
LOCATION L0000912 VOLUME 476824.237 3743376.830 462.06
LOCATION L0000913 VOLUME 476832.827 3743376.830 462.00
LOCATION L0000914 VOLUME 476841.417 3743376.830 462.00
LOCATION L0000915 VOLUME 476850.007 3743376.830 462.00
LOCATION L0000916 VOLUME 476858.597 3743376.830 462.00
LOCATION L0000917 VOLUME 476867.187 3743376.830 461.83
LOCATION L0000918 VOLUME 476875.777 3743376.830 461.63
LOCATION L0000919 VOLUME 476884.367 3743376.830 461.44
LOCATION L0000920 VOLUME 476892.957 3743376.830 461.28
LOCATION L0000921 VOLUME 476901.547 3743376.830 461.19
LOCATION L0000922 VOLUME 476910.137 3743376.830 461.10
LOCATION L0000923 VOLUME 476918.727 3743376.830 461.01
LOCATION L0000924 VOLUME 476927.314 3743377.015 461.00
LOCATION L0000925 VOLUME 476935.901 3743377.270 461.00
LOCATION L0000926 VOLUME 476944.487 3743377.525 461.00
LOCATION L0000927 VOLUME 476953.073 3743377.780 460.92
LOCATION L0000928 VOLUME 476961.659 3743378.035 460.71
LOCATION L0000929 VOLUME 476970.245 3743378.290 460.50

** End of LINE VOLUME Source ID = SLINE6

** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Patterson N 20%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.053E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 476614.132, 3743014.763, 472.06, 3.49, 4.00
** 476613.121, 3743283.279, 467.93, 3.49, 4.00
** 476614.638, 3743361.153, 467.03, 3.49, 4.00

** -----
LOCATION L0000930 VOLUME 476614.116 3743019.058 472.19
LOCATION L0000931 VOLUME 476614.084 3743027.648 472.14
LOCATION L0000932 VOLUME 476614.052 3743036.238 471.86
LOCATION L0000933 VOLUME 476614.019 3743044.828 471.57
LOCATION L0000934 VOLUME 476613.987 3743053.418 471.29

LOCATION	VOLUME				
LOCATION L0000935	VOLUME	476613.954	3743062.008	471.20	
LOCATION L0000936	VOLUME	476613.922	3743070.598	471.20	
LOCATION L0000937	VOLUME	476613.890	3743079.188	471.20	
LOCATION L0000938	VOLUME	476613.857	3743087.778	471.19	
LOCATION L0000939	VOLUME	476613.825	3743096.368	471.13	
LOCATION L0000940	VOLUME	476613.793	3743104.957	471.08	
LOCATION L0000941	VOLUME	476613.760	3743113.547	471.02	
LOCATION L0000942	VOLUME	476613.728	3743122.137	470.84	
LOCATION L0000943	VOLUME	476613.696	3743130.727	470.61	
LOCATION L0000944	VOLUME	476613.663	3743139.317	470.39	
LOCATION L0000945	VOLUME	476613.631	3743147.907	470.15	
LOCATION L0000946	VOLUME	476613.599	3743156.497	469.86	
LOCATION L0000947	VOLUME	476613.566	3743165.087	469.58	
LOCATION L0000948	VOLUME	476613.534	3743173.677	469.29	
LOCATION L0000949	VOLUME	476613.502	3743182.267	469.21	
LOCATION L0000950	VOLUME	476613.469	3743190.857	469.21	
LOCATION L0000951	VOLUME	476613.437	3743199.447	469.21	
LOCATION L0000952	VOLUME	476613.404	3743208.037	469.15	
LOCATION L0000953	VOLUME	476613.372	3743216.627	468.87	
LOCATION L0000954	VOLUME	476613.340	3743225.217	468.58	
LOCATION L0000955	VOLUME	476613.307	3743233.807	468.30	
LOCATION L0000956	VOLUME	476613.275	3743242.396	468.22	
LOCATION L0000957	VOLUME	476613.243	3743250.986	468.22	
LOCATION L0000958	VOLUME	476613.210	3743259.576	468.22	
LOCATION L0000959	VOLUME	476613.178	3743268.166	468.21	
LOCATION L0000960	VOLUME	476613.146	3743276.756	468.14	
LOCATION L0000961	VOLUME	476613.161	3743285.346	468.08	
LOCATION L0000962	VOLUME	476613.329	3743293.934	468.02	
LOCATION L0000963	VOLUME	476613.496	3743302.523	467.83	
LOCATION L0000964	VOLUME	476613.663	3743311.111	467.60	
LOCATION L0000965	VOLUME	476613.831	3743319.699	467.37	
LOCATION L0000966	VOLUME	476613.998	3743328.288	467.20	
LOCATION L0000967	VOLUME	476614.165	3743336.876	467.19	
LOCATION L0000968	VOLUME	476614.332	3743345.464	467.18	
LOCATION L0000969	VOLUME	476614.500	3743354.053	467.18	

** End of LINE VOLUME Source ID = SLINE7

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Patterson S 20%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 2.806E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

** 476613.627, 3743014.257, 472.07, 3.49, 4.00

** 476610.593, 3742718.435, 476.28, 3.49, 4.00

** 476611.604, 3742562.686, 480.59, 3.49, 4.00

** 476986.818, 3742567.237, 466.92, 3.49, 4.00

** 477233.590, 3742572.799, 458.80, 3.49, 4.00

LOCATION	VOLUME				
LOCATION L0000970	VOLUME	476613.583	3743009.963	472.21	
LOCATION L0000971	VOLUME	476613.495	3743001.373	472.21	
LOCATION L0000972	VOLUME	476613.407	3742992.784	472.33	
LOCATION L0000973	VOLUME	476613.318	3742984.194	472.62	
LOCATION L0000974	VOLUME	476613.230	3742975.604	472.91	
LOCATION L0000975	VOLUME	476613.142	3742967.015	473.20	
LOCATION L0000976	VOLUME	476613.054	3742958.425	473.29	
LOCATION L0000977	VOLUME	476612.966	3742949.836	473.35	
LOCATION L0000978	VOLUME	476612.878	3742941.246	473.43	
LOCATION L0000979	VOLUME	476612.790	3742932.657	473.56	
LOCATION L0000980	VOLUME	476612.702	3742924.067	473.78	
LOCATION L0000981	VOLUME	476612.614	3742915.478	474.01	
LOCATION L0000982	VOLUME	476612.526	3742906.888	474.23	

LOCATION	L0000983	VOLUME	476612.437	3742898.299	474.25
LOCATION	L0000984	VOLUME	476612.349	3742889.709	474.25
LOCATION	L0000985	VOLUME	476612.261	3742881.119	474.25
LOCATION	L0000986	VOLUME	476612.173	3742872.530	474.29
LOCATION	L0000987	VOLUME	476612.085	3742863.940	474.36
LOCATION	L0000988	VOLUME	476611.997	3742855.351	474.44
LOCATION	L0000989	VOLUME	476611.909	3742846.761	474.52
LOCATION	L0000990	VOLUME	476611.821	3742838.172	474.54
LOCATION	L0000991	VOLUME	476611.733	3742829.582	474.54
LOCATION	L0000992	VOLUME	476611.645	3742820.993	474.55
LOCATION	L0000993	VOLUME	476611.556	3742812.403	474.64
LOCATION	L0000994	VOLUME	476611.468	3742803.813	474.86
LOCATION	L0000995	VOLUME	476611.380	3742795.224	475.07
LOCATION	L0000996	VOLUME	476611.292	3742786.634	475.27
LOCATION	L0000997	VOLUME	476611.204	3742778.045	475.29
LOCATION	L0000998	VOLUME	476611.116	3742769.455	475.29
LOCATION	L0000999	VOLUME	476611.028	3742760.866	475.29
LOCATION	L0001000	VOLUME	476610.940	3742752.276	475.43
LOCATION	L0001001	VOLUME	476610.852	3742743.687	475.72
LOCATION	L0001002	VOLUME	476610.764	3742735.097	476.01
LOCATION	L0001003	VOLUME	476610.675	3742726.508	476.29
LOCATION	L0001004	VOLUME	476610.596	3742717.918	476.58
LOCATION	L0001005	VOLUME	476610.652	3742709.328	476.87
LOCATION	L0001006	VOLUME	476610.708	3742700.738	477.15
LOCATION	L0001007	VOLUME	476610.763	3742692.149	477.34
LOCATION	L0001008	VOLUME	476610.819	3742683.559	477.43
LOCATION	L0001009	VOLUME	476610.875	3742674.969	477.51
LOCATION	L0001010	VOLUME	476610.931	3742666.379	477.59
LOCATION	L0001011	VOLUME	476610.986	3742657.789	477.87
LOCATION	L0001012	VOLUME	476611.042	3742649.199	478.15
LOCATION	L0001013	VOLUME	476611.098	3742640.610	478.44
LOCATION	L0001014	VOLUME	476611.154	3742632.020	478.68
LOCATION	L0001015	VOLUME	476611.210	3742623.430	478.88
LOCATION	L0001016	VOLUME	476611.265	3742614.840	479.08
LOCATION	L0001017	VOLUME	476611.321	3742606.250	479.28
LOCATION	L0001018	VOLUME	476611.377	3742597.661	479.65
LOCATION	L0001019	VOLUME	476611.433	3742589.071	480.01
LOCATION	L0001020	VOLUME	476611.488	3742580.481	480.37
LOCATION	L0001021	VOLUME	476611.544	3742571.891	480.70
LOCATION	L0001022	VOLUME	476611.600	3742563.301	480.98
LOCATION	L0001023	VOLUME	476619.578	3742562.782	480.46
LOCATION	L0001024	VOLUME	476628.167	3742562.887	480.17
LOCATION	L0001025	VOLUME	476636.757	3742562.991	479.88
LOCATION	L0001026	VOLUME	476645.346	3742563.095	479.59
LOCATION	L0001027	VOLUME	476653.935	3742563.199	479.30
LOCATION	L0001028	VOLUME	476662.525	3742563.303	479.01
LOCATION	L0001029	VOLUME	476671.114	3742563.408	478.72
LOCATION	L0001030	VOLUME	476679.703	3742563.512	478.43
LOCATION	L0001031	VOLUME	476688.293	3742563.616	478.14
LOCATION	L0001032	VOLUME	476696.882	3742563.720	477.85
LOCATION	L0001033	VOLUME	476705.472	3742563.824	477.56
LOCATION	L0001034	VOLUME	476714.061	3742563.928	477.35
LOCATION	L0001035	VOLUME	476722.650	3742564.033	477.23
LOCATION	L0001036	VOLUME	476731.240	3742564.137	477.12
LOCATION	L0001037	VOLUME	476739.829	3742564.241	477.00
LOCATION	L0001038	VOLUME	476748.418	3742564.345	476.54
LOCATION	L0001039	VOLUME	476757.008	3742564.449	476.08
LOCATION	L0001040	VOLUME	476765.597	3742564.554	475.62
LOCATION	L0001041	VOLUME	476774.187	3742564.658	475.38
LOCATION	L0001042	VOLUME	476782.776	3742564.762	475.38
LOCATION	L0001043	VOLUME	476791.365	3742564.866	474.38
LOCATION	L0001044	VOLUME	476799.955	3742564.970	474.37
LOCATION	L0001045	VOLUME	476808.544	3742565.074	473.79
LOCATION	L0001046	VOLUME	476817.133	3742565.179	473.21
LOCATION	L0001047	VOLUME	476825.723	3742565.283	472.64
LOCATION	L0001048	VOLUME	476834.312	3742565.387	472.21

LOCATION	VOLUME			
LOCATION L0001049	VOLUME	476842.901	3742565.491	471.92
LOCATION L0001050	VOLUME	476851.491	3742565.595	471.63
LOCATION L0001051	VOLUME	476860.080	3742565.700	471.34
LOCATION L0001052	VOLUME	476868.670	3742565.804	471.05
LOCATION L0001053	VOLUME	476877.259	3742565.908	470.76
LOCATION L0001054	VOLUME	476885.848	3742566.012	470.47
LOCATION L0001055	VOLUME	476894.438	3742566.116	470.13
LOCATION L0001056	VOLUME	476903.027	3742566.220	469.75
LOCATION L0001057	VOLUME	476911.616	3742566.325	469.36
LOCATION L0001058	VOLUME	476920.206	3742566.429	468.99
LOCATION L0001059	VOLUME	476928.795	3742566.533	468.70
LOCATION L0001060	VOLUME	476937.385	3742566.637	468.42
LOCATION L0001061	VOLUME	476945.974	3742566.741	468.13
LOCATION L0001062	VOLUME	476954.563	3742566.846	467.84
LOCATION L0001063	VOLUME	476963.153	3742566.950	467.56
LOCATION L0001064	VOLUME	476971.742	3742567.054	467.27
LOCATION L0001065	VOLUME	476980.331	3742567.158	466.98
LOCATION L0001066	VOLUME	476988.920	3742567.262	466.70
LOCATION L0001067	VOLUME	476997.508	3742567.366	466.41
LOCATION L0001068	VOLUME	477006.096	3742567.470	466.13
LOCATION L0001069	VOLUME	477014.684	3742567.574	465.84
LOCATION L0001070	VOLUME	477023.272	3742567.678	465.56
LOCATION L0001071	VOLUME	477031.860	3742567.782	465.27
LOCATION L0001072	VOLUME	477040.448	3742567.886	464.99
LOCATION L0001073	VOLUME	477049.036	3742567.990	464.70
LOCATION L0001074	VOLUME	477057.624	3742568.094	464.42
LOCATION L0001075	VOLUME	477066.212	3742568.198	464.13
LOCATION L0001076	VOLUME	477074.800	3742568.302	463.85
LOCATION L0001077	VOLUME	477083.388	3742568.406	463.56
LOCATION L0001078	VOLUME	477091.976	3742568.510	463.28
LOCATION L0001079	VOLUME	477100.564	3742568.614	462.99
LOCATION L0001080	VOLUME	477109.152	3742568.718	462.71
LOCATION L0001081	VOLUME	477117.740	3742568.822	462.42
LOCATION L0001082	VOLUME	477126.328	3742568.926	462.14
LOCATION L0001083	VOLUME	477134.916	3742569.030	461.85
LOCATION L0001084	VOLUME	477143.504	3742569.134	461.57
LOCATION L0001085	VOLUME	477152.092	3742569.238	461.28
LOCATION L0001086	VOLUME	477160.680	3742569.342	461.00
LOCATION L0001087	VOLUME	477169.268	3742569.446	460.71
LOCATION L0001088	VOLUME	477177.856	3742569.550	460.43
LOCATION L0001089	VOLUME	477186.444	3742569.654	460.14
LOCATION L0001090	VOLUME	477195.032	3742569.758	459.86
LOCATION L0001091	VOLUME	477203.620	3742569.862	459.57
LOCATION L0001092	VOLUME	477212.208	3742569.966	459.29
LOCATION L0001093	VOLUME	477220.796	3742570.070	459.00
LOCATION L0001094	VOLUME	477229.384	3742570.174	458.72

** End of LINE VOLUME Source ID = SLINE8

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** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Harvill 45%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 8.384E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 13

** 476978.550, 3743377.338, 460.20, 3.49, 6.51

** 476855.997, 3743726.555, 458.17, 3.49, 6.51

** 476808.998, 3743858.032, 458.65, 3.49, 6.51

** 476750.696, 3744013.306, 459.78, 3.49, 6.51

** 476734.038, 3744068.634, 459.95, 3.49, 6.51

** 476726.304, 3744112.063, 460.05, 3.49, 6.51

** 476725.114, 3744175.719, 459.55, 3.49, 6.51

** 476718.570, 3744258.413, 458.90, 3.49, 6.51

** 476710.836, 3744292.323, 458.99, 3.49, 6.51
** 476683.470, 3744347.651, 459.03, 3.49, 6.51
** 476648.370, 3744398.814, 459.15, 3.49, 6.51
** 476600.181, 3744435.699, 460.05, 3.49, 6.51
** 476369.353, 3744598.707, 463.00, 3.49, 6.51

**

LOCATION	L0001095	VOLUME	476976.232	3743383.943	460.19
LOCATION	L0001096	VOLUME	476971.596	3743397.153	460.28
LOCATION	L0001097	VOLUME	476966.960	3743410.363	460.43
LOCATION	L0001098	VOLUME	476962.324	3743423.573	460.44
LOCATION	L0001099	VOLUME	476957.688	3743436.784	460.23
LOCATION	L0001100	VOLUME	476953.052	3743449.994	460.00
LOCATION	L0001101	VOLUME	476948.416	3743463.204	460.02
LOCATION	L0001102	VOLUME	476943.780	3743476.414	460.00
LOCATION	L0001103	VOLUME	476939.144	3743489.624	460.00
LOCATION	L0001104	VOLUME	476934.508	3743502.834	460.00
LOCATION	L0001105	VOLUME	476929.873	3743516.044	460.00
LOCATION	L0001106	VOLUME	476925.237	3743529.255	460.00
LOCATION	L0001107	VOLUME	476920.601	3743542.465	460.00
LOCATION	L0001108	VOLUME	476915.965	3743555.675	460.00
LOCATION	L0001109	VOLUME	476911.329	3743568.885	459.94
LOCATION	L0001110	VOLUME	476906.693	3743582.095	459.70
LOCATION	L0001111	VOLUME	476902.057	3743595.305	459.61
LOCATION	L0001112	VOLUME	476897.421	3743608.516	459.44
LOCATION	L0001113	VOLUME	476892.785	3743621.726	459.13
LOCATION	L0001114	VOLUME	476888.149	3743634.936	459.00
LOCATION	L0001115	VOLUME	476883.513	3743648.146	459.00
LOCATION	L0001116	VOLUME	476878.877	3743661.356	458.89
LOCATION	L0001117	VOLUME	476874.241	3743674.566	458.71
LOCATION	L0001118	VOLUME	476869.605	3743687.776	458.64
LOCATION	L0001119	VOLUME	476864.970	3743700.987	458.42
LOCATION	L0001120	VOLUME	476860.334	3743714.197	458.06
LOCATION	L0001121	VOLUME	476855.693	3743727.405	458.09
LOCATION	L0001122	VOLUME	476850.980	3743740.588	458.06
LOCATION	L0001123	VOLUME	476846.268	3743753.771	457.86
LOCATION	L0001124	VOLUME	476841.555	3743766.954	457.73
LOCATION	L0001125	VOLUME	476836.843	3743780.137	457.67
LOCATION	L0001126	VOLUME	476832.130	3743793.320	457.40
LOCATION	L0001127	VOLUME	476827.418	3743806.503	457.09
LOCATION	L0001128	VOLUME	476822.705	3743819.686	457.58
LOCATION	L0001129	VOLUME	476817.993	3743832.869	457.93
LOCATION	L0001130	VOLUME	476813.280	3743846.052	458.18
LOCATION	L0001131	VOLUME	476808.549	3743859.229	458.55
LOCATION	L0001132	VOLUME	476803.628	3743872.335	458.87
LOCATION	L0001133	VOLUME	476798.706	3743885.442	459.00
LOCATION	L0001134	VOLUME	476793.785	3743898.548	459.00
LOCATION	L0001135	VOLUME	476788.864	3743911.655	459.00
LOCATION	L0001136	VOLUME	476783.943	3743924.761	459.00
LOCATION	L0001137	VOLUME	476779.021	3743937.868	459.00
LOCATION	L0001138	VOLUME	476774.100	3743950.974	459.00
LOCATION	L0001139	VOLUME	476769.179	3743964.081	459.02
LOCATION	L0001140	VOLUME	476764.258	3743977.187	459.19
LOCATION	L0001141	VOLUME	476759.336	3743990.294	459.35
LOCATION	L0001142	VOLUME	476754.415	3744003.400	459.51
LOCATION	L0001143	VOLUME	476749.710	3744016.580	459.67
LOCATION	L0001144	VOLUME	476745.674	3744029.986	459.81
LOCATION	L0001145	VOLUME	476741.638	3744043.391	459.94
LOCATION	L0001146	VOLUME	476737.602	3744056.797	460.00
LOCATION	L0001147	VOLUME	476733.751	3744070.247	460.00
LOCATION	L0001148	VOLUME	476731.296	3744084.030	460.00
LOCATION	L0001149	VOLUME	476728.842	3744097.813	460.00
LOCATION	L0001150	VOLUME	476726.387	3744111.596	460.00
LOCATION	L0001151	VOLUME	476726.051	3744125.586	460.00
LOCATION	L0001152	VOLUME	476725.790	3744139.584	459.94
LOCATION	L0001153	VOLUME	476725.528	3744153.581	459.70
LOCATION	L0001154	VOLUME	476725.266	3744167.579	459.49

LOCATION L0001155	VOLUME	476724.652	3744181.559	459.51
LOCATION L0001156	VOLUME	476723.548	3744195.516	459.54
LOCATION L0001157	VOLUME	476722.443	3744209.472	459.32
LOCATION L0001158	VOLUME	476721.339	3744223.428	459.06
LOCATION L0001159	VOLUME	476720.234	3744237.385	458.87
LOCATION L0001160	VOLUME	476719.130	3744251.341	458.74
LOCATION L0001161	VOLUME	476717.035	3744265.146	458.76
LOCATION L0001162	VOLUME	476713.922	3744278.796	458.86
LOCATION L0001163	VOLUME	476710.781	3744292.435	458.97
LOCATION L0001164	VOLUME	476704.574	3744304.984	459.18
LOCATION L0001165	VOLUME	476698.367	3744317.533	459.37
LOCATION L0001166	VOLUME	476692.160	3744330.082	459.32
LOCATION L0001167	VOLUME	476685.953	3744342.631	459.09
LOCATION L0001168	VOLUME	476678.718	3744354.577	459.04
LOCATION L0001169	VOLUME	476670.798	3744366.121	459.30
LOCATION L0001170	VOLUME	476662.878	3744377.666	459.54
LOCATION L0001171	VOLUME	476654.958	3744389.210	459.47
LOCATION L0001172	VOLUME	476646.501	3744400.244	459.29
LOCATION L0001173	VOLUME	476635.384	3744408.754	459.48
LOCATION L0001174	VOLUME	476624.267	3744417.263	459.85
LOCATION L0001175	VOLUME	476613.149	3744425.773	460.00
LOCATION L0001176	VOLUME	476602.032	3744434.282	460.00
LOCATION L0001177	VOLUME	476590.650	3744442.430	460.00
LOCATION L0001178	VOLUME	476579.214	3744450.506	460.35
LOCATION L0001179	VOLUME	476567.778	3744458.582	460.74
LOCATION L0001180	VOLUME	476556.342	3744466.658	461.00
LOCATION L0001181	VOLUME	476544.906	3744474.734	461.00
LOCATION L0001182	VOLUME	476533.470	3744482.809	461.00
LOCATION L0001183	VOLUME	476522.034	3744490.885	461.26
LOCATION L0001184	VOLUME	476510.598	3744498.961	461.58
LOCATION L0001185	VOLUME	476499.162	3744507.037	461.65
LOCATION L0001186	VOLUME	476487.726	3744515.113	461.62
LOCATION L0001187	VOLUME	476476.290	3744523.189	461.81
LOCATION L0001188	VOLUME	476464.854	3744531.265	462.00
LOCATION L0001189	VOLUME	476453.419	3744539.341	462.00
LOCATION L0001190	VOLUME	476441.983	3744547.417	462.00
LOCATION L0001191	VOLUME	476430.547	3744555.492	462.01
LOCATION L0001192	VOLUME	476419.111	3744563.568	462.00
LOCATION L0001193	VOLUME	476407.675	3744571.644	462.07
LOCATION L0001194	VOLUME	476396.239	3744579.720	462.45
LOCATION L0001195	VOLUME	476384.803	3744587.796	462.83
LOCATION L0001196	VOLUME	476373.367	3744595.872	463.00

** End of LINE VOLUME Source ID = SLINE9

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC Cajalco W 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 5.617E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 6

** 476350.915, 3744599.767, 463.00, 3.49, 6.51

** 476310.567, 3744537.186, 463.30, 3.49, 6.51

** 476282.571, 3744496.015, 464.13, 3.49, 6.51

** 476247.164, 3744443.316, 465.45, 3.49, 6.51

** 476219.991, 3744399.675, 466.13, 3.49, 6.51

** 476190.348, 3744362.621, 467.00, 3.49, 6.51

**

LOCATION L0001197	VOLUME	476347.122	3744593.883	463.00
LOCATION L0001198	VOLUME	476339.536	3744582.117	463.00
LOCATION L0001199	VOLUME	476331.950	3744570.351	463.00
LOCATION L0001200	VOLUME	476324.363	3744558.584	463.00
LOCATION L0001201	VOLUME	476316.777	3744546.818	463.10

LOCATION L0001202	VOLUME	476309.139	3744535.086	463.36
LOCATION L0001203	VOLUME	476301.267	3744523.509	463.65
LOCATION L0001204	VOLUME	476293.394	3744511.932	463.94
LOCATION L0001205	VOLUME	476285.522	3744500.355	464.12
LOCATION L0001206	VOLUME	476277.690	3744488.750	464.55
LOCATION L0001207	VOLUME	476269.882	3744477.130	464.88
LOCATION L0001208	VOLUME	476262.075	3744465.509	465.00
LOCATION L0001209	VOLUME	476254.267	3744453.888	465.08
LOCATION L0001210	VOLUME	476246.496	3744442.244	465.35
LOCATION L0001211	VOLUME	476239.096	3744430.359	465.75
LOCATION L0001212	VOLUME	476231.696	3744418.475	465.97
LOCATION L0001213	VOLUME	476224.297	3744406.590	466.00
LOCATION L0001214	VOLUME	476216.334	3744395.104	466.37
LOCATION L0001215	VOLUME	476207.588	3744384.172	466.73
LOCATION L0001216	VOLUME	476198.843	3744373.240	467.00

** End of LINE VOLUME Source ID = SLINE10

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Harvill N 15%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 7.883E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 7

** 476350.915, 3744609.648, 463.00, 3.49, 6.51

** 476316.331, 3744634.350, 463.10, 3.49, 6.51

** 476286.688, 3744661.523, 463.93, 3.49, 6.51

** 476268.573, 3744685.403, 464.00, 3.49, 6.51

** 476248.811, 3744714.223, 464.05, 3.49, 6.51

** 476222.461, 3744782.567, 463.93, 3.49, 6.51

** 476214.227, 3744963.720, 464.06, 3.49, 6.51

**

LOCATION L0001217	VOLUME	476345.219	3744613.716	463.00
LOCATION L0001218	VOLUME	476333.827	3744621.854	463.00
LOCATION L0001219	VOLUME	476322.434	3744629.991	463.00
LOCATION L0001220	VOLUME	476311.540	3744638.743	463.28
LOCATION L0001221	VOLUME	476301.220	3744648.203	463.62
LOCATION L0001222	VOLUME	476290.900	3744657.663	463.96
LOCATION L0001223	VOLUME	476281.680	3744668.125	464.00
LOCATION L0001224	VOLUME	476273.218	3744679.279	463.95
LOCATION L0001225	VOLUME	476265.002	3744690.610	463.92
LOCATION L0001226	VOLUME	476257.085	3744702.156	464.00
LOCATION L0001227	VOLUME	476249.167	3744713.702	464.00
LOCATION L0001228	VOLUME	476244.001	3744726.697	464.00
LOCATION L0001229	VOLUME	476238.965	3744739.759	463.96
LOCATION L0001230	VOLUME	476233.929	3744752.822	463.92
LOCATION L0001231	VOLUME	476228.893	3744765.885	464.00
LOCATION L0001232	VOLUME	476223.856	3744778.948	464.00
LOCATION L0001233	VOLUME	476222.002	3744792.678	464.00
LOCATION L0001234	VOLUME	476221.366	3744806.663	464.00
LOCATION L0001235	VOLUME	476220.730	3744820.649	464.00
LOCATION L0001236	VOLUME	476220.094	3744834.634	464.00
LOCATION L0001237	VOLUME	476219.459	3744848.620	464.00
LOCATION L0001238	VOLUME	476218.823	3744862.605	464.00
LOCATION L0001239	VOLUME	476218.187	3744876.591	464.00
LOCATION L0001240	VOLUME	476217.552	3744890.577	464.00
LOCATION L0001241	VOLUME	476216.916	3744904.562	464.00
LOCATION L0001242	VOLUME	476216.280	3744918.548	464.00
LOCATION L0001243	VOLUME	476215.644	3744932.533	464.00
LOCATION L0001244	VOLUME	476215.009	3744946.519	464.00
LOCATION L0001245	VOLUME	476214.373	3744960.504	464.00

** End of LINE VOLUME Source ID = SLINE11

**

```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC Cajalco E 15%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.132E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 476364.090, 3744617.059, 463.00, 3.49, 6.51
** 476421.730, 3744688.696, 461.68, 3.49, 6.51
** 476465.371, 3744723.280, 460.62, 3.49, 6.51
** 476527.951, 3744765.275, 460.00, 3.49, 6.51
** 476583.944, 3744792.448, 458.07, 3.49, 6.51
** 476694.283, 3744831.972, 457.00, 3.49, 6.51
** 476858.144, 3744892.905, 456.00, 3.49, 6.51

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LOCATION L0001246      VOLUME  476368.478 3744622.512 462.87
LOCATION L0001247      VOLUME  476377.254 3744633.420 462.48
LOCATION L0001248      VOLUME  476386.031 3744644.328 462.05
LOCATION L0001249      VOLUME  476394.807 3744655.235 462.00
LOCATION L0001250      VOLUME  476403.583 3744666.143 462.00
LOCATION L0001251      VOLUME  476412.359 3744677.051 461.92
LOCATION L0001252      VOLUME  476421.136 3744687.958 461.62
LOCATION L0001253      VOLUME  476431.960 3744696.803 461.26
LOCATION L0001254      VOLUME  476442.932 3744705.498 460.90
LOCATION L0001255      VOLUME  476453.904 3744714.193 460.66
LOCATION L0001256      VOLUME  476464.877 3744722.889 460.63
LOCATION L0001257      VOLUME  476476.473 3744730.730 460.64
LOCATION L0001258      VOLUME  476488.098 3744738.531 460.36
LOCATION L0001259      VOLUME  476499.723 3744746.332 460.00
LOCATION L0001260      VOLUME  476511.348 3744754.133 460.00
LOCATION L0001261      VOLUME  476522.973 3744761.934 460.00
LOCATION L0001262      VOLUME  476535.153 3744768.770 459.82
LOCATION L0001263      VOLUME  476547.748 3744774.882 459.40
LOCATION L0001264      VOLUME  476560.343 3744780.994 458.98
LOCATION L0001265      VOLUME  476572.938 3744787.107 458.56
LOCATION L0001266      VOLUME  476585.607 3744793.044 458.14
LOCATION L0001267      VOLUME  476598.787 3744797.765 458.00
LOCATION L0001268      VOLUME  476611.967 3744802.486 458.00
LOCATION L0001269      VOLUME  476625.147 3744807.207 457.94
LOCATION L0001270      VOLUME  476638.327 3744811.928 457.68
LOCATION L0001271      VOLUME  476651.507 3744816.649 457.30
LOCATION L0001272      VOLUME  476664.687 3744821.371 457.08
LOCATION L0001273      VOLUME  476677.867 3744826.092 457.00
LOCATION L0001274      VOLUME  476691.047 3744830.813 457.00
LOCATION L0001275      VOLUME  476704.183 3744835.654 457.00
LOCATION L0001276      VOLUME  476717.305 3744840.533 457.00
LOCATION L0001277      VOLUME  476730.427 3744845.413 457.00
LOCATION L0001278      VOLUME  476743.550 3744850.292 457.00
LOCATION L0001279      VOLUME  476756.672 3744855.172 457.00
LOCATION L0001280      VOLUME  476769.794 3744860.052 457.00
LOCATION L0001281      VOLUME  476782.916 3744864.931 457.00
LOCATION L0001282      VOLUME  476796.038 3744869.811 456.00
LOCATION L0001283      VOLUME  476809.160 3744874.690 456.00
LOCATION L0001284      VOLUME  476822.282 3744879.570 456.00
LOCATION L0001285      VOLUME  476835.404 3744884.449 456.00
LOCATION L0001286      VOLUME  476848.526 3744889.329 456.00

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** End of LINE VOLUME Source ID = SLINE12
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC Harvill S 15%
** PREFIX
** Length of Side = 14.00

```



```

** Configuration = Adjacent
** Emission Rate = 1.644E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 476980.834, 3743375.336, 460.29, 3.49, 6.51
** 477179.279, 3742816.232, 459.09, 3.49, 6.51
** 477235.272, 3742651.547, 458.73, 3.49, 6.51
** 477243.506, 3742591.437, 458.13, 3.49, 6.51
** 477242.683, 3742580.732, 458.15, 3.49, 6.51

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**
LOCATION L0001287    VOLUME  476983.176 3743368.739 460.52
LOCATION L0001288    VOLUME  476987.858 3743355.546 460.73
LOCATION L0001289    VOLUME  476992.541 3743342.352 460.58
LOCATION L0001290    VOLUME  476997.224 3743329.158 460.42
LOCATION L0001291    VOLUME  477001.907 3743315.965 460.27
LOCATION L0001292    VOLUME  477006.590 3743302.771 460.11
LOCATION L0001293    VOLUME  477011.273 3743289.578 460.00
LOCATION L0001294    VOLUME  477015.955 3743276.384 460.00
LOCATION L0001295    VOLUME  477020.638 3743263.190 460.06
LOCATION L0001296    VOLUME  477025.321 3743249.997 460.26
LOCATION L0001297    VOLUME  477030.004 3743236.803 460.32
LOCATION L0001298    VOLUME  477034.687 3743223.610 460.17
LOCATION L0001299    VOLUME  477039.370 3743210.416 460.02
LOCATION L0001300    VOLUME  477044.053 3743197.223 460.00
LOCATION L0001301    VOLUME  477048.735 3743184.029 460.00
LOCATION L0001302    VOLUME  477053.418 3743170.835 460.00
LOCATION L0001303    VOLUME  477058.101 3743157.642 460.00
LOCATION L0001304    VOLUME  477062.784 3743144.448 460.00
LOCATION L0001305    VOLUME  477067.467 3743131.255 460.00
LOCATION L0001306    VOLUME  477072.150 3743118.061 460.00
LOCATION L0001307    VOLUME  477076.833 3743104.867 460.00
LOCATION L0001308    VOLUME  477081.515 3743091.674 460.00
LOCATION L0001309    VOLUME  477086.198 3743078.480 460.00
LOCATION L0001310    VOLUME  477090.881 3743065.287 460.00
LOCATION L0001311    VOLUME  477095.564 3743052.093 460.00
LOCATION L0001312    VOLUME  477100.247 3743038.899 459.99
LOCATION L0001313    VOLUME  477104.930 3743025.706 459.83
LOCATION L0001314    VOLUME  477109.612 3743012.512 459.68
LOCATION L0001315    VOLUME  477114.295 3742999.319 459.52
LOCATION L0001316    VOLUME  477118.978 3742986.125 459.36
LOCATION L0001317    VOLUME  477123.661 3742972.931 459.21
LOCATION L0001318    VOLUME  477128.344 3742959.738 459.05
LOCATION L0001319    VOLUME  477133.027 3742946.544 459.00
LOCATION L0001320    VOLUME  477137.710 3742933.351 459.07
LOCATION L0001321    VOLUME  477142.392 3742920.157 459.31
LOCATION L0001322    VOLUME  477147.075 3742906.963 459.42
LOCATION L0001323    VOLUME  477151.758 3742893.770 459.27
LOCATION L0001324    VOLUME  477156.441 3742880.576 459.11
LOCATION L0001325    VOLUME  477161.124 3742867.383 458.96
LOCATION L0001326    VOLUME  477165.807 3742854.189 458.80
LOCATION L0001327    VOLUME  477170.490 3742840.996 458.71
LOCATION L0001328    VOLUME  477175.172 3742827.802 458.80
LOCATION L0001329    VOLUME  477179.834 3742814.601 459.02
LOCATION L0001330    VOLUME  477184.340 3742801.346 459.09
LOCATION L0001331    VOLUME  477188.847 3742788.091 459.03
LOCATION L0001332    VOLUME  477193.353 3742774.836 458.88
LOCATION L0001333    VOLUME  477197.860 3742761.582 458.73
LOCATION L0001334    VOLUME  477202.367 3742748.327 458.58
LOCATION L0001335    VOLUME  477206.873 3742735.072 458.43
LOCATION L0001336    VOLUME  477211.380 3742721.817 458.39
LOCATION L0001337    VOLUME  477215.887 3742708.562 458.64
LOCATION L0001338    VOLUME  477220.393 3742695.307 458.98
LOCATION L0001339    VOLUME  477224.900 3742682.053 458.83
LOCATION L0001340    VOLUME  477229.407 3742668.798 458.68
LOCATION L0001341    VOLUME  477233.913 3742655.543 458.53

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LOCATION L0001342	VOLUME	477236.599	3742641.858	458.44
LOCATION L0001343	VOLUME	477238.499	3742627.988	458.38
LOCATION L0001344	VOLUME	477240.399	3742614.117	458.32
LOCATION L0001345	VOLUME	477242.299	3742600.247	458.25
LOCATION L0001346	VOLUME	477243.114	3742586.344	458.23

** End of LINE VOLUME Source ID = SLINE13

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE14

** DESCRSRC Placentia 55%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 4.428E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 477245.149, 3742574.966, 458.06, 3.49, 6.51

** 477446.068, 3742578.259, 454.53, 3.49, 6.51

** 477731.800, 3742572.495, 450.02, 3.49, 6.51

** 477861.079, 3742566.731, 448.26, 3.49, 6.51

**

LOCATION L0001347	VOLUME	477252.148	3742575.080	458.03
LOCATION L0001348	VOLUME	477266.147	3742575.310	458.01
LOCATION L0001349	VOLUME	477280.145	3742575.539	457.99
LOCATION L0001350	VOLUME	477294.143	3742575.769	457.52
LOCATION L0001351	VOLUME	477308.141	3742575.998	457.06
LOCATION L0001352	VOLUME	477322.139	3742576.228	456.59
LOCATION L0001353	VOLUME	477336.137	3742576.457	456.12
LOCATION L0001354	VOLUME	477350.135	3742576.687	456.00
LOCATION L0001355	VOLUME	477364.133	3742576.916	456.00
LOCATION L0001356	VOLUME	477378.131	3742577.146	455.99
LOCATION L0001357	VOLUME	477392.130	3742577.375	455.97
LOCATION L0001358	VOLUME	477406.128	3742577.605	455.75
LOCATION L0001359	VOLUME	477420.126	3742577.834	455.31
LOCATION L0001360	VOLUME	477434.124	3742578.064	454.86
LOCATION L0001361	VOLUME	477448.122	3742578.218	454.39
LOCATION L0001362	VOLUME	477462.119	3742577.935	454.00
LOCATION L0001363	VOLUME	477476.116	3742577.653	454.00
LOCATION L0001364	VOLUME	477490.113	3742577.371	453.99
LOCATION L0001365	VOLUME	477504.111	3742577.088	453.53
LOCATION L0001366	VOLUME	477518.108	3742576.806	453.06
LOCATION L0001367	VOLUME	477532.105	3742576.524	452.99
LOCATION L0001368	VOLUME	477546.102	3742576.241	453.00
LOCATION L0001369	VOLUME	477560.099	3742575.959	452.66
LOCATION L0001370	VOLUME	477574.096	3742575.677	452.21
LOCATION L0001371	VOLUME	477588.093	3742575.394	452.02
LOCATION L0001372	VOLUME	477602.091	3742575.112	452.01
LOCATION L0001373	VOLUME	477616.088	3742574.830	451.80
LOCATION L0001374	VOLUME	477630.085	3742574.547	451.36
LOCATION L0001375	VOLUME	477644.082	3742574.265	451.05
LOCATION L0001376	VOLUME	477658.079	3742573.982	451.03
LOCATION L0001377	VOLUME	477672.076	3742573.700	451.00
LOCATION L0001378	VOLUME	477686.074	3742573.418	451.00
LOCATION L0001379	VOLUME	477700.071	3742573.135	450.99
LOCATION L0001380	VOLUME	477714.068	3742572.853	450.53
LOCATION L0001381	VOLUME	477728.065	3742572.571	450.06
LOCATION L0001382	VOLUME	477742.054	3742572.038	450.00
LOCATION L0001383	VOLUME	477756.040	3742571.414	450.00
LOCATION L0001384	VOLUME	477770.026	3742570.791	449.72
LOCATION L0001385	VOLUME	477784.012	3742570.167	449.36
LOCATION L0001386	VOLUME	477797.998	3742569.544	449.16
LOCATION L0001387	VOLUME	477811.985	3742568.920	449.06
LOCATION L0001388	VOLUME	477825.971	3742568.297	448.85
LOCATION L0001389	VOLUME	477839.957	3742567.673	448.52
LOCATION L0001390	VOLUME	477853.943	3742567.049	448.26


```

SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14198 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 "14198 Ops.AD\AN00GALL.PLT" 31
  SUMMFILE "14198 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    1740      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187    1740      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```

```

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

```

```

*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 ***                11/15/22
*** AERMET - VERSION 16216 ***
***

```

*** 09:16:39

** 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 695 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: 695 Source(s); 1 Source Group(s); and 61 Receptor(s)

with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
 and: 695 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 = 3.8 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:
aermod.out

**Detailed Error/Message File: 14198
Ops.err
**File for Summary of Results: 14198
Ops.sum

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 *** 11/15/22

*** AERMET - VERSION 16216 ***

*** 09:16:39

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	CATS.	BY						
L0000696	0	0.40040E-06	476292.5	3743248.8	475.6	3.49	4.00	3.25
YES								
L0000697	0	0.40040E-06	476301.1	3743248.8	475.6	3.49	4.00	3.25
YES								
L0000698	0	0.40040E-06	476309.7	3743248.9	475.6	3.49	4.00	3.25
YES								
L0000699	0	0.40040E-06	476318.3	3743249.0	475.6	3.49	4.00	3.25
YES								
L0000700	0	0.40040E-06	476326.9	3743249.0	475.4	3.49	4.00	3.25
YES								
L0000701	0	0.40040E-06	476335.5	3743249.1	475.3	3.49	4.00	3.25
YES								
L0000702	0	0.40040E-06	476344.1	3743249.1	475.1	3.49	4.00	3.25
YES								
L0000703	0	0.40040E-06	476352.7	3743249.2	475.0	3.49	4.00	3.25
YES								
L0000704	0	0.40040E-06	476361.3	3743249.3	474.8	3.49	4.00	3.25
YES								
L0000705	0	0.40040E-06	476369.8	3743249.3	474.7	3.49	4.00	3.25
YES								
L0000706	0	0.40040E-06	476378.4	3743249.4	474.6	3.49	4.00	3.25
YES								
L0000707	0	0.40040E-06	476387.0	3743249.4	474.3	3.49	4.00	3.25
YES								
L0000708	0	0.40040E-06	476395.6	3743249.5	474.0	3.49	4.00	3.25
YES								
L0000709	0	0.40040E-06	476404.2	3743249.6	473.7	3.49	4.00	3.25
YES								
L0000710	0	0.40040E-06	476412.8	3743249.6	473.5	3.49	4.00	3.25
YES								
L0000711	0	0.40040E-06	476421.4	3743249.7	473.3	3.49	4.00	3.25
YES								
L0000712	0	0.40040E-06	476430.0	3743249.7	473.2	3.49	4.00	3.25
YES								
L0000713	0	0.40040E-06	476438.6	3743249.8	473.0	3.49	4.00	3.25
YES								
L0000714	0	0.40040E-06	476447.1	3743249.9	472.9	3.49	4.00	3.25
YES								
L0000715	0	0.40040E-06	476455.7	3743249.9	472.8	3.49	4.00	3.25

YES
 L0000716 0 0.40040E-06 476464.3 3743250.0 472.6 3.49 4.00 3.25
 YES
 L0000717 0 0.40040E-06 476472.9 3743250.0 472.4 3.49 4.00 3.25
 YES
 L0000718 0 0.40040E-06 476481.5 3743250.1 472.2 3.49 4.00 3.25
 YES
 L0000719 0 0.40040E-06 476490.1 3743250.2 471.9 3.49 4.00 3.25
 YES
 L0000720 0 0.40040E-06 476296.6 3743032.5 479.9 3.49 4.00 3.25
 YES
 L0000721 0 0.40040E-06 476305.1 3743032.6 479.9 3.49 4.00 3.25
 YES
 L0000722 0 0.40040E-06 476313.7 3743032.6 479.8 3.49 4.00 3.25
 YES
 L0000723 0 0.40040E-06 476322.3 3743032.7 479.7 3.49 4.00 3.25
 YES
 L0000724 0 0.40040E-06 476330.9 3743032.8 479.4 3.49 4.00 3.25
 YES
 L0000725 0 0.40040E-06 476339.5 3743032.9 479.1 3.49 4.00 3.25
 YES
 L0000726 0 0.40040E-06 476348.1 3743032.9 478.8 3.49 4.00 3.25
 YES
 L0000727 0 0.40040E-06 476356.7 3743033.0 478.5 3.49 4.00 3.25
 YES
 L0000728 0 0.40040E-06 476365.3 3743033.1 478.2 3.49 4.00 3.25
 YES
 L0000729 0 0.40040E-06 476373.9 3743033.2 478.0 3.49 4.00 3.25
 YES
 L0000730 0 0.40040E-06 476382.4 3743033.3 477.7 3.49 4.00 3.25
 YES
 L0000731 0 0.40040E-06 476391.0 3743033.3 477.4 3.49 4.00 3.25
 YES
 L0000732 0 0.40040E-06 476399.6 3743033.4 477.1 3.49 4.00 3.25
 YES
 L0000733 0 0.40040E-06 476408.2 3743033.5 476.8 3.49 4.00 3.25
 YES
 L0000734 0 0.40040E-06 476416.8 3743033.6 476.6 3.49 4.00 3.25
 YES
 L0000735 0 0.40040E-06 476425.4 3743033.6 476.4 3.49 4.00 3.25
 YES

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000736 0 0.40040E-06 476434.0 3743033.7 476.2 3.49 4.00 3.25
 YES
 L0000737 0 0.40040E-06 476442.6 3743033.8 476.0 3.49 4.00 3.25
 YES
 L0000738 0 0.40040E-06 476451.2 3743033.9 475.9 3.49 4.00 3.25

YES								
L0000739	0	0.40040E-06	476459.8	3743033.9	475.8	3.49	4.00	3.25
YES								
L0000740	0	0.40040E-06	476468.3	3743034.0	475.8	3.49	4.00	3.25
YES								
L0000741	0	0.40040E-06	476476.9	3743034.1	475.7	3.49	4.00	3.25
YES								
L0000742	0	0.40040E-06	476485.5	3743034.2	475.7	3.49	4.00	3.25
YES								
L0000743	0	0.40040E-06	476494.1	3743034.2	475.7	3.49	4.00	3.25
YES								
L0000744	0	0.25020E-06	476410.5	3743342.7	472.0	3.49	4.00	3.25
YES								
L0000745	0	0.25020E-06	476410.4	3743334.1	472.0	3.49	4.00	3.25
YES								
L0000746	0	0.25020E-06	476406.5	3743327.7	472.0	3.49	4.00	3.25
YES								
L0000747	0	0.25020E-06	476398.8	3743324.3	472.1	3.49	4.00	3.25
YES								
L0000748	0	0.25020E-06	476390.3	3743324.0	472.1	3.49	4.00	3.25
YES								
L0000749	0	0.25020E-06	476381.7	3743323.8	472.1	3.49	4.00	3.25
YES								
L0000750	0	0.25020E-06	476373.1	3743323.5	472.3	3.49	4.00	3.25
YES								
L0000751	0	0.25020E-06	476364.5	3743323.3	472.6	3.49	4.00	3.25
YES								
L0000752	0	0.25020E-06	476355.9	3743323.3	472.9	3.49	4.00	3.25
YES								
L0000753	0	0.25020E-06	476347.3	3743323.3	473.2	3.49	4.00	3.25
YES								
L0000754	0	0.25020E-06	476338.7	3743323.4	473.4	3.49	4.00	3.25
YES								
L0000755	0	0.25020E-06	476330.1	3743323.4	473.7	3.49	4.00	3.25
YES								
L0000756	0	0.25020E-06	476321.5	3743323.4	473.9	3.49	4.00	3.25
YES								
L0000757	0	0.25020E-06	476313.0	3743323.5	474.0	3.49	4.00	3.25
YES								
L0000758	0	0.25020E-06	476304.4	3743323.5	474.1	3.49	4.00	3.25
YES								
L0000759	0	0.25020E-06	476295.8	3743323.5	474.1	3.49	4.00	3.25
YES								
L0000760	0	0.25020E-06	476287.2	3743323.6	474.1	3.49	4.00	3.25
YES								
L0000761	0	0.25020E-06	476278.6	3743323.6	474.1	3.49	4.00	3.25
YES								
L0000762	0	0.25020E-06	476270.0	3743323.6	474.1	3.49	4.00	3.25
YES								
L0000763	0	0.25020E-06	476262.0	3743320.5	474.2	3.49	4.00	3.25
YES								
L0000764	0	0.25020E-06	476260.4	3743312.7	474.4	3.49	4.00	3.25
YES								
L0000765	0	0.25020E-06	476259.8	3743304.1	474.7	3.49	4.00	3.25
YES								
L0000766	0	0.25020E-06	476260.1	3743295.6	475.0	3.49	4.00	3.25
YES								
L0000767	0	0.25020E-06	476260.5	3743287.0	475.3	3.49	4.00	3.25
YES								
L0000768	0	0.25020E-06	476260.9	3743278.4	475.6	3.49	4.00	3.25
YES								
L0000769	0	0.25020E-06	476264.2	3743272.9	475.7	3.49	4.00	3.25
YES								
L0000770	0	0.25020E-06	476272.8	3743273.0	475.4	3.49	4.00	3.25
YES								
L0000771	0	0.25020E-06	476281.4	3743273.1	475.2	3.49	4.00	3.25

YES
 L0000772 0 0.25020E-06 476290.0 3743273.2 475.0 3.49 4.00 3.25
 YES
 L0000773 0 0.25020E-06 476298.6 3743273.3 474.9 3.49 4.00 3.25
 YES
 L0000774 0 0.25020E-06 476307.2 3743273.4 474.9 3.49 4.00 3.25
 YES
 L0000775 0 0.25020E-06 476315.8 3743273.5 474.8 3.49 4.00 3.25
 YES

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
 Patterson\14198 *** 11/15/22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.								
L0000776	0	0.25020E-06	476324.4	3743273.6	474.8	3.49	4.00	3.25	
YES									
L0000777	0	0.25020E-06	476332.9	3743273.8	474.8	3.49	4.00	3.25	
YES									
L0000778	0	0.25020E-06	476341.5	3743273.9	474.7	3.49	4.00	3.25	
YES									
L0000779	0	0.25020E-06	476350.1	3743274.0	474.7	3.49	4.00	3.25	
YES									
L0000780	0	0.25020E-06	476358.7	3743274.1	474.4	3.49	4.00	3.25	
YES									
L0000781	0	0.25020E-06	476367.3	3743274.2	474.2	3.49	4.00	3.25	
YES									
L0000782	0	0.25020E-06	476375.9	3743274.3	473.9	3.49	4.00	3.25	
YES									
L0000783	0	0.25020E-06	476384.5	3743274.4	473.6	3.49	4.00	3.25	
YES									
L0000784	0	0.25020E-06	476393.1	3743274.5	473.4	3.49	4.00	3.25	
YES									
L0000785	0	0.25020E-06	476401.7	3743274.6	473.2	3.49	4.00	3.25	
YES									
L0000786	0	0.25020E-06	476410.3	3743274.7	473.0	3.49	4.00	3.25	
YES									
L0000787	0	0.25020E-06	476418.8	3743274.8	472.9	3.49	4.00	3.25	
YES									
L0000788	0	0.25020E-06	476427.4	3743274.9	472.8	3.49	4.00	3.25	
YES									
L0000789	0	0.25020E-06	476436.0	3743275.1	472.7	3.49	4.00	3.25	
YES									
L0000790	0	0.25020E-06	476444.6	3743275.2	472.6	3.49	4.00	3.25	
YES									
L0000791	0	0.25020E-06	476453.2	3743275.3	472.4	3.49	4.00	3.25	
YES									
L0000792	0	0.25020E-06	476461.8	3743275.4	472.2	3.49	4.00	3.25	
YES									
L0000793	0	0.25020E-06	476470.4	3743275.5	472.0	3.49	4.00	3.25	
YES									
L0000794	0	0.25020E-06	476479.0	3743275.6	471.7	3.49	4.00	3.25	

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YES
L0000795      0  0.25020E-06  476487.6  3743275.7  471.4    3.49    4.00    3.25
YES
L0000796      0  0.24970E-06  476260.9  3743269.7  475.9    3.49    4.00    3.25
YES
L0000797      0  0.24970E-06  476261.0  3743261.1  476.1    3.49    4.00    3.25
YES
L0000798      0  0.24970E-06  476261.2  3743252.5  476.4    3.49    4.00    3.25
YES
L0000799      0  0.24970E-06  476261.3  3743243.9  476.7    3.49    4.00    3.25
YES
L0000800      0  0.24970E-06  476261.4  3743235.3  476.9    3.49    4.00    3.25
YES
L0000801      0  0.24970E-06  476261.6  3743226.7  477.0    3.49    4.00    3.25
YES
L0000802      0  0.24970E-06  476261.7  3743218.1  477.0    3.49    4.00    3.25
YES
L0000803      0  0.24970E-06  476261.9  3743209.5  477.0    3.49    4.00    3.25
YES
L0000804      0  0.24970E-06  476262.0  3743200.9  477.2    3.49    4.00    3.25
YES
L0000805      0  0.24970E-06  476262.1  3743192.4  477.4    3.49    4.00    3.25
YES
L0000806      0  0.24970E-06  476262.3  3743183.8  477.7    3.49    4.00    3.25
YES
L0000807      0  0.24970E-06  476262.4  3743175.2  477.9    3.49    4.00    3.25
YES
L0000808      0  0.24970E-06  476262.5  3743166.6  478.2    3.49    4.00    3.25
YES
L0000809      0  0.24970E-06  476262.7  3743158.0  478.5    3.49    4.00    3.25
YES
L0000810      0  0.24970E-06  476262.8  3743149.4  478.8    3.49    4.00    3.25
YES
L0000811      0  0.24970E-06  476262.9  3743140.8  479.1    3.49    4.00    3.25
YES
L0000812      0  0.24970E-06  476263.1  3743132.2  479.4    3.49    4.00    3.25
YES
L0000813      0  0.24970E-06  476263.2  3743123.6  479.6    3.49    4.00    3.25
YES
L0000814      0  0.24970E-06  476263.3  3743115.1  479.9    3.49    4.00    3.25
YES
L0000815      0  0.24970E-06  476263.5  3743106.5  480.2    3.49    4.00    3.25
YES

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 ***                  11/15/22

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFault  CONC  ELEV  URBAN  ADJ_U*

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*** VOLUME SOURCE DATA ***

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          NUMBER EMISSION RATE          BASE  RELEASE  INIT.  INIT.
          URBAN  EMISSION RATE          ELEV.  HEIGHT  SY     SZ
SOURCE   PART.  (GRAMS/SEC)  X      Y      (METERS) (METERS) (METERS)
SOURCE  SCALAR VARY
ID      CATS.
(METERS)          BY
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L0000816      0  0.24970E-06  476263.6  3743097.9  480.5    3.49    4.00    3.25
YES
L0000817      0  0.24970E-06  476263.7  3743089.3  480.8    3.49    4.00    3.25

```

YES								
L0000818	0	0.24970E-06	476263.9	3743080.7	480.9	3.49	4.00	3.25
YES								
L0000819	0	0.24970E-06	476264.0	3743072.1	480.9	3.49	4.00	3.25
YES								
L0000820	0	0.24970E-06	476264.1	3743063.5	480.9	3.49	4.00	3.25
YES								
L0000821	0	0.24970E-06	476264.3	3743054.9	480.9	3.49	4.00	3.25
YES								
L0000822	0	0.24970E-06	476264.4	3743046.3	480.9	3.49	4.00	3.25
YES								
L0000823	0	0.24970E-06	476264.6	3743037.8	480.8	3.49	4.00	3.25
YES								
L0000824	0	0.24970E-06	476264.7	3743029.2	480.8	3.49	4.00	3.25
YES								
L0000825	0	0.24970E-06	476264.8	3743020.6	480.9	3.49	4.00	3.25
YES								
L0000826	0	0.24970E-06	476269.4	3743013.8	480.8	3.49	4.00	3.25
YES								
L0000827	0	0.24970E-06	476275.2	3743007.5	480.8	3.49	4.00	3.25
YES								
L0000828	0	0.24970E-06	476283.6	3743007.0	480.7	3.49	4.00	3.25
YES								
L0000829	0	0.24970E-06	476292.2	3743007.1	480.6	3.49	4.00	3.25
YES								
L0000830	0	0.24970E-06	476300.7	3743007.2	480.4	3.49	4.00	3.25
YES								
L0000831	0	0.24970E-06	476309.3	3743007.3	480.2	3.49	4.00	3.25
YES								
L0000832	0	0.24970E-06	476317.9	3743007.4	480.0	3.49	4.00	3.25
YES								
L0000833	0	0.24970E-06	476326.5	3743007.5	479.8	3.49	4.00	3.25
YES								
L0000834	0	0.24970E-06	476335.1	3743007.6	479.5	3.49	4.00	3.25
YES								
L0000835	0	0.24970E-06	476343.7	3743007.7	479.2	3.49	4.00	3.25
YES								
L0000836	0	0.24970E-06	476352.3	3743007.8	479.0	3.49	4.00	3.25
YES								
L0000837	0	0.24970E-06	476360.9	3743007.9	478.9	3.49	4.00	3.25
YES								
L0000838	0	0.24970E-06	476369.5	3743008.0	478.7	3.49	4.00	3.25
YES								
L0000839	0	0.24970E-06	476378.0	3743008.1	478.6	3.49	4.00	3.25
YES								
L0000840	0	0.24970E-06	476386.6	3743008.2	478.4	3.49	4.00	3.25
YES								
L0000841	0	0.24970E-06	476395.2	3743008.3	478.1	3.49	4.00	3.25
YES								
L0000842	0	0.24970E-06	476403.8	3743008.4	477.8	3.49	4.00	3.25
YES								
L0000843	0	0.24970E-06	476412.4	3743008.5	477.5	3.49	4.00	3.25
YES								
L0000844	0	0.24970E-06	476421.0	3743008.6	477.2	3.49	4.00	3.25
YES								
L0000845	0	0.24970E-06	476429.6	3743008.7	476.9	3.49	4.00	3.25
YES								
L0000846	0	0.24970E-06	476438.2	3743008.8	476.6	3.49	4.00	3.25
YES								
L0000847	0	0.24970E-06	476446.8	3743008.9	476.6	3.49	4.00	3.25
YES								
L0000848	0	0.24970E-06	476455.4	3743009.0	476.6	3.49	4.00	3.25
YES								
L0000849	0	0.24970E-06	476463.9	3743009.1	476.6	3.49	4.00	3.25
YES								
L0000850	0	0.24970E-06	476472.5	3743009.2	476.5	3.49	4.00	3.25

YES
 L0000851 0 0.24970E-06 476481.1 3743009.3 476.4 3.49 4.00 3.25
 YES
 L0000852 0 0.24970E-06 476489.7 3743009.4 476.2 3.49 4.00 3.25
 YES
 L0000853 0 0.24970E-06 476497.9 3743011.5 476.0 3.49 4.00 3.25
 YES
 L0000854 0 0.24970E-06 476505.8 3743014.8 475.8 3.49 4.00 3.25
 YES
 L0000855 0 0.24970E-06 476514.2 3743016.0 475.5 3.49 4.00 3.25
 YES

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
 Patterson\14198 *** 11/15/22
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	X	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	(GRAMS/SEC)	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.							
L0000856	0	0.24970E-06		476522.8	3743016.1	475.2	3.49	4.00 3.25
YES								
L0000857	0	0.24970E-06		476531.4	3743016.1	474.9	3.49	4.00 3.25
YES								
L0000858	0	0.24970E-06		476540.0	3743016.1	474.7	3.49	4.00 3.25
YES								
L0000859	0	0.24970E-06		476548.5	3743016.2	474.4	3.49	4.00 3.25
YES								
L0000860	0	0.24970E-06		476557.1	3743016.2	474.1	3.49	4.00 3.25
YES								
L0000861	0	0.24970E-06		476565.7	3743016.3	473.8	3.49	4.00 3.25
YES								
L0000862	0	0.24970E-06		476574.3	3743016.3	473.5	3.49	4.00 3.25
YES								
L0000863	0	0.24970E-06		476582.9	3743016.3	473.2	3.49	4.00 3.25
YES								
L0000864	0	0.24970E-06		476591.5	3743016.4	472.9	3.49	4.00 3.25
YES								
L0000865	0	0.68700E-07		476414.6	3743357.7	471.8	3.49	4.00 3.25
YES								
L0000866	0	0.68700E-07		476423.2	3743357.9	471.5	3.49	4.00 3.25
YES								
L0000867	0	0.68700E-07		476431.8	3743358.1	471.2	3.49	4.00 3.25
YES								
L0000868	0	0.68700E-07		476440.4	3743358.3	470.9	3.49	4.00 3.25
YES								
L0000869	0	0.68700E-07		476449.0	3743358.5	470.6	3.49	4.00 3.25
YES								
L0000870	0	0.68700E-07		476457.6	3743358.7	470.4	3.49	4.00 3.25
YES								
L0000871	0	0.68700E-07		476466.2	3743358.9	470.1	3.49	4.00 3.25
YES								
L0000872	0	0.68700E-07		476474.8	3743359.0	470.0	3.49	4.00 3.25
YES								
L0000873	0	0.68700E-07		476483.3	3743359.2	470.0	3.49	4.00 3.25

YES								
L0000874	0	0.68700E-07	476491.9	3743359.4	470.0	3.49	4.00	3.25
YES								
L0000875	0	0.68700E-07	476500.5	3743359.6	470.0	3.49	4.00	3.25
YES								
L0000876	0	0.68700E-07	476509.1	3743360.0	470.0	3.49	4.00	3.25
YES								
L0000877	0	0.68700E-07	476517.7	3743360.3	469.9	3.49	4.00	3.25
YES								
L0000878	0	0.68700E-07	476526.3	3743360.6	469.9	3.49	4.00	3.25
YES								
L0000879	0	0.68700E-07	476534.8	3743361.0	469.7	3.49	4.00	3.25
YES								
L0000880	0	0.68700E-07	476543.4	3743361.3	469.4	3.49	4.00	3.25
YES								
L0000881	0	0.68700E-07	476552.0	3743361.7	469.1	3.49	4.00	3.25
YES								
L0000882	0	0.68700E-07	476560.6	3743362.0	468.8	3.49	4.00	3.25
YES								
L0000883	0	0.68700E-07	476569.2	3743362.7	468.5	3.49	4.00	3.25
YES								
L0000884	0	0.68700E-07	476577.7	3743363.5	468.2	3.49	4.00	3.25
YES								
L0000885	0	0.68700E-07	476586.3	3743364.3	467.9	3.49	4.00	3.25
YES								
L0000886	0	0.68700E-07	476594.8	3743365.1	467.6	3.49	4.00	3.25
YES								
L0000887	0	0.68700E-07	476603.4	3743365.9	467.4	3.49	4.00	3.25
YES								
L0000888	0	0.89210E-07	476618.4	3743368.1	467.0	3.49	4.00	3.25
YES								
L0000889	0	0.89210E-07	476627.0	3743368.8	466.8	3.49	4.00	3.25
YES								
L0000890	0	0.89210E-07	476635.5	3743369.5	466.5	3.49	4.00	3.25
YES								
L0000891	0	0.89210E-07	476644.1	3743370.2	466.2	3.49	4.00	3.25
YES								
L0000892	0	0.89210E-07	476652.7	3743370.9	465.9	3.49	4.00	3.25
YES								
L0000893	0	0.89210E-07	476661.2	3743371.6	465.8	3.49	4.00	3.25
YES								
L0000894	0	0.89210E-07	476669.8	3743372.3	465.6	3.49	4.00	3.25
YES								
L0000895	0	0.89210E-07	476678.3	3743372.9	465.5	3.49	4.00	3.25
YES								


***** AERMOD - VERSION 22112 ***** ***** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and Patterson\14198 ***** 11/15/22
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000896	0	0.89210E-07	476686.9	3743373.6	465.3	3.49	4.00	3.25
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YES								
L0000897	0	0.89210E-07	476695.5	3743374.3	465.2	3.49	4.00	3.25
YES								
L0000898	0	0.89210E-07	476704.0	3743375.0	465.1	3.49	4.00	3.25
YES								
L0000899	0	0.89210E-07	476712.6	3743375.7	464.9	3.49	4.00	3.25
YES								
L0000900	0	0.89210E-07	476721.2	3743376.3	464.6	3.49	4.00	3.25
YES								
L0000901	0	0.89210E-07	476729.7	3743376.4	464.3	3.49	4.00	3.25
YES								
L0000902	0	0.89210E-07	476738.3	3743376.4	464.1	3.49	4.00	3.25
YES								
L0000903	0	0.89210E-07	476746.9	3743376.5	463.8	3.49	4.00	3.25
YES								
L0000904	0	0.89210E-07	476755.5	3743376.5	463.5	3.49	4.00	3.25
YES								
L0000905	0	0.89210E-07	476764.1	3743376.5	463.2	3.49	4.00	3.25
YES								
L0000906	0	0.89210E-07	476772.7	3743376.6	463.0	3.49	4.00	3.25
YES								
L0000907	0	0.89210E-07	476781.3	3743376.6	463.0	3.49	4.00	3.25
YES								
L0000908	0	0.89210E-07	476789.9	3743376.7	462.3	3.49	4.00	3.25
YES								
L0000909	0	0.89210E-07	476798.5	3743376.7	462.3	3.49	4.00	3.25
YES								
L0000910	0	0.89210E-07	476807.1	3743376.7	462.2	3.49	4.00	3.25
YES								
L0000911	0	0.89210E-07	476815.6	3743376.8	462.2	3.49	4.00	3.25
YES								
L0000912	0	0.89210E-07	476824.2	3743376.8	462.1	3.49	4.00	3.25
YES								
L0000913	0	0.89210E-07	476832.8	3743376.8	462.0	3.49	4.00	3.25
YES								
L0000914	0	0.89210E-07	476841.4	3743376.8	462.0	3.49	4.00	3.25
YES								
L0000915	0	0.89210E-07	476850.0	3743376.8	462.0	3.49	4.00	3.25
YES								
L0000916	0	0.89210E-07	476858.6	3743376.8	462.0	3.49	4.00	3.25
YES								
L0000917	0	0.89210E-07	476867.2	3743376.8	461.8	3.49	4.00	3.25
YES								
L0000918	0	0.89210E-07	476875.8	3743376.8	461.6	3.49	4.00	3.25
YES								
L0000919	0	0.89210E-07	476884.4	3743376.8	461.4	3.49	4.00	3.25
YES								
L0000920	0	0.89210E-07	476893.0	3743376.8	461.3	3.49	4.00	3.25
YES								
L0000921	0	0.89210E-07	476901.5	3743376.8	461.2	3.49	4.00	3.25
YES								
L0000922	0	0.89210E-07	476910.1	3743376.8	461.1	3.49	4.00	3.25
YES								
L0000923	0	0.89210E-07	476918.7	3743376.8	461.0	3.49	4.00	3.25
YES								
L0000924	0	0.89210E-07	476927.3	3743377.0	461.0	3.49	4.00	3.25
YES								
L0000925	0	0.89210E-07	476935.9	3743377.3	461.0	3.49	4.00	3.25
YES								
L0000926	0	0.89210E-07	476944.5	3743377.5	461.0	3.49	4.00	3.25
YES								
L0000927	0	0.89210E-07	476953.1	3743377.8	460.9	3.49	4.00	3.25
YES								
L0000928	0	0.89210E-07	476961.7	3743378.0	460.7	3.49	4.00	3.25
YES								
L0000929	0	0.89210E-07	476970.2	3743378.3	460.5	3.49	4.00	3.25

YES								
L0000953	0	0.22630E-07	476613.4	3743216.6	468.9	3.49	4.00	3.25
YES								
L0000954	0	0.22630E-07	476613.3	3743225.2	468.6	3.49	4.00	3.25
YES								
L0000955	0	0.22630E-07	476613.3	3743233.8	468.3	3.49	4.00	3.25
YES								
L0000956	0	0.22630E-07	476613.3	3743242.4	468.2	3.49	4.00	3.25
YES								
L0000957	0	0.22630E-07	476613.2	3743251.0	468.2	3.49	4.00	3.25
YES								
L0000958	0	0.22630E-07	476613.2	3743259.6	468.2	3.49	4.00	3.25
YES								
L0000959	0	0.22630E-07	476613.2	3743268.2	468.2	3.49	4.00	3.25
YES								
L0000960	0	0.22630E-07	476613.1	3743276.8	468.1	3.49	4.00	3.25
YES								
L0000961	0	0.22630E-07	476613.2	3743285.3	468.1	3.49	4.00	3.25
YES								
L0000962	0	0.22630E-07	476613.3	3743293.9	468.0	3.49	4.00	3.25
YES								
L0000963	0	0.22630E-07	476613.5	3743302.5	467.8	3.49	4.00	3.25
YES								
L0000964	0	0.22630E-07	476613.7	3743311.1	467.6	3.49	4.00	3.25
YES								
L0000965	0	0.22630E-07	476613.8	3743319.7	467.4	3.49	4.00	3.25
YES								
L0000966	0	0.22630E-07	476614.0	3743328.3	467.2	3.49	4.00	3.25
YES								
L0000967	0	0.22630E-07	476614.2	3743336.9	467.2	3.49	4.00	3.25
YES								
L0000968	0	0.22630E-07	476614.3	3743345.5	467.2	3.49	4.00	3.25
YES								
L0000969	0	0.22630E-07	476614.5	3743354.1	467.2	3.49	4.00	3.25
YES								
L0000970	0	0.22450E-07	476613.6	3743010.0	472.2	3.49	4.00	3.25
YES								
L0000971	0	0.22450E-07	476613.5	3743001.4	472.2	3.49	4.00	3.25
YES								
L0000972	0	0.22450E-07	476613.4	3742992.8	472.3	3.49	4.00	3.25
YES								
L0000973	0	0.22450E-07	476613.3	3742984.2	472.6	3.49	4.00	3.25
YES								
L0000974	0	0.22450E-07	476613.2	3742975.6	472.9	3.49	4.00	3.25
YES								
L0000975	0	0.22450E-07	476613.1	3742967.0	473.2	3.49	4.00	3.25
YES								

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Patterson\14198 ***                  11/15/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000976	0	0.22450E-07	476613.1	3742958.4	473.3	3.49	4.00	3.25
YES								
L0000977	0	0.22450E-07	476613.0	3742949.8	473.4	3.49	4.00	3.25
YES								
L0000978	0	0.22450E-07	476612.9	3742941.2	473.4	3.49	4.00	3.25
YES								
L0000979	0	0.22450E-07	476612.8	3742932.7	473.6	3.49	4.00	3.25
YES								
L0000980	0	0.22450E-07	476612.7	3742924.1	473.8	3.49	4.00	3.25
YES								
L0000981	0	0.22450E-07	476612.6	3742915.5	474.0	3.49	4.00	3.25
YES								
L0000982	0	0.22450E-07	476612.5	3742906.9	474.2	3.49	4.00	3.25
YES								
L0000983	0	0.22450E-07	476612.4	3742898.3	474.2	3.49	4.00	3.25
YES								
L0000984	0	0.22450E-07	476612.3	3742889.7	474.2	3.49	4.00	3.25
YES								
L0000985	0	0.22450E-07	476612.3	3742881.1	474.2	3.49	4.00	3.25
YES								
L0000986	0	0.22450E-07	476612.2	3742872.5	474.3	3.49	4.00	3.25
YES								
L0000987	0	0.22450E-07	476612.1	3742863.9	474.4	3.49	4.00	3.25
YES								
L0000988	0	0.22450E-07	476612.0	3742855.4	474.4	3.49	4.00	3.25
YES								
L0000989	0	0.22450E-07	476611.9	3742846.8	474.5	3.49	4.00	3.25
YES								
L0000990	0	0.22450E-07	476611.8	3742838.2	474.5	3.49	4.00	3.25
YES								
L0000991	0	0.22450E-07	476611.7	3742829.6	474.5	3.49	4.00	3.25
YES								
L0000992	0	0.22450E-07	476611.6	3742821.0	474.6	3.49	4.00	3.25
YES								
L0000993	0	0.22450E-07	476611.6	3742812.4	474.6	3.49	4.00	3.25
YES								
L0000994	0	0.22450E-07	476611.5	3742803.8	474.9	3.49	4.00	3.25
YES								
L0000995	0	0.22450E-07	476611.4	3742795.2	475.1	3.49	4.00	3.25
YES								
L0000996	0	0.22450E-07	476611.3	3742786.6	475.3	3.49	4.00	3.25
YES								
L0000997	0	0.22450E-07	476611.2	3742778.0	475.3	3.49	4.00	3.25
YES								
L0000998	0	0.22450E-07	476611.1	3742769.5	475.3	3.49	4.00	3.25
YES								
L0000999	0	0.22450E-07	476611.0	3742760.9	475.3	3.49	4.00	3.25
YES								
L0001000	0	0.22450E-07	476610.9	3742752.3	475.4	3.49	4.00	3.25
YES								
L0001001	0	0.22450E-07	476610.9	3742743.7	475.7	3.49	4.00	3.25
YES								
L0001002	0	0.22450E-07	476610.8	3742735.1	476.0	3.49	4.00	3.25
YES								
L0001003	0	0.22450E-07	476610.7	3742726.5	476.3	3.49	4.00	3.25
YES								
L0001004	0	0.22450E-07	476610.6	3742717.9	476.6	3.49	4.00	3.25
YES								
L0001005	0	0.22450E-07	476610.7	3742709.3	476.9	3.49	4.00	3.25
YES								
L0001006	0	0.22450E-07	476610.7	3742700.7	477.2	3.49	4.00	3.25
YES								
L0001007	0	0.22450E-07	476610.8	3742692.1	477.3	3.49	4.00	3.25
YES								
L0001008	0	0.22450E-07	476610.8	3742683.6	477.4	3.49	4.00	3.25

YES								
L0001032	0	0.22450E-07	476696.9	3742563.7	477.9	3.49	4.00	3.25
YES								
L0001033	0	0.22450E-07	476705.5	3742563.8	477.6	3.49	4.00	3.25
YES								
L0001034	0	0.22450E-07	476714.1	3742563.9	477.4	3.49	4.00	3.25
YES								
L0001035	0	0.22450E-07	476722.6	3742564.0	477.2	3.49	4.00	3.25
YES								
L0001036	0	0.22450E-07	476731.2	3742564.1	477.1	3.49	4.00	3.25
YES								
L0001037	0	0.22450E-07	476739.8	3742564.2	477.0	3.49	4.00	3.25
YES								
L0001038	0	0.22450E-07	476748.4	3742564.3	476.5	3.49	4.00	3.25
YES								
L0001039	0	0.22450E-07	476757.0	3742564.4	476.1	3.49	4.00	3.25
YES								
L0001040	0	0.22450E-07	476765.6	3742564.6	475.6	3.49	4.00	3.25
YES								
L0001041	0	0.22450E-07	476774.2	3742564.7	475.4	3.49	4.00	3.25
YES								
L0001042	0	0.22450E-07	476782.8	3742564.8	475.4	3.49	4.00	3.25
YES								
L0001043	0	0.22450E-07	476791.4	3742564.9	474.4	3.49	4.00	3.25
YES								
L0001044	0	0.22450E-07	476800.0	3742565.0	474.4	3.49	4.00	3.25
YES								
L0001045	0	0.22450E-07	476808.5	3742565.1	473.8	3.49	4.00	3.25
YES								
L0001046	0	0.22450E-07	476817.1	3742565.2	473.2	3.49	4.00	3.25
YES								
L0001047	0	0.22450E-07	476825.7	3742565.3	472.6	3.49	4.00	3.25
YES								
L0001048	0	0.22450E-07	476834.3	3742565.4	472.2	3.49	4.00	3.25
YES								
L0001049	0	0.22450E-07	476842.9	3742565.5	471.9	3.49	4.00	3.25
YES								
L0001050	0	0.22450E-07	476851.5	3742565.6	471.6	3.49	4.00	3.25
YES								
L0001051	0	0.22450E-07	476860.1	3742565.7	471.3	3.49	4.00	3.25
YES								
L0001052	0	0.22450E-07	476868.7	3742565.8	471.1	3.49	4.00	3.25
YES								
L0001053	0	0.22450E-07	476877.3	3742565.9	470.8	3.49	4.00	3.25
YES								
L0001054	0	0.22450E-07	476885.8	3742566.0	470.5	3.49	4.00	3.25
YES								
L0001055	0	0.22450E-07	476894.4	3742566.1	470.1	3.49	4.00	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0001056	0	0.22450E-07	476903.0	3742566.2	469.8	3.49	4.00	3.25
YES								
L0001057	0	0.22450E-07	476911.6	3742566.3	469.4	3.49	4.00	3.25
YES								
L0001058	0	0.22450E-07	476920.2	3742566.4	469.0	3.49	4.00	3.25
YES								
L0001059	0	0.22450E-07	476928.8	3742566.5	468.7	3.49	4.00	3.25
YES								
L0001060	0	0.22450E-07	476937.4	3742566.6	468.4	3.49	4.00	3.25
YES								
L0001061	0	0.22450E-07	476946.0	3742566.7	468.1	3.49	4.00	3.25
YES								
L0001062	0	0.22450E-07	476954.6	3742566.8	467.8	3.49	4.00	3.25
YES								
L0001063	0	0.22450E-07	476963.2	3742566.9	467.6	3.49	4.00	3.25
YES								
L0001064	0	0.22450E-07	476971.7	3742567.1	467.3	3.49	4.00	3.25
YES								
L0001065	0	0.22450E-07	476980.3	3742567.2	467.0	3.49	4.00	3.25
YES								
L0001066	0	0.22450E-07	476988.9	3742567.3	466.7	3.49	4.00	3.25
YES								
L0001067	0	0.22450E-07	476997.5	3742567.5	466.4	3.49	4.00	3.25
YES								
L0001068	0	0.22450E-07	477006.1	3742567.7	466.1	3.49	4.00	3.25
YES								
L0001069	0	0.22450E-07	477014.7	3742567.9	465.7	3.49	4.00	3.25
YES								
L0001070	0	0.22450E-07	477023.3	3742568.1	465.2	3.49	4.00	3.25
YES								
L0001071	0	0.22450E-07	477031.9	3742568.3	464.7	3.49	4.00	3.25
YES								
L0001072	0	0.22450E-07	477040.4	3742568.4	464.2	3.49	4.00	3.25
YES								
L0001073	0	0.22450E-07	477049.0	3742568.6	463.9	3.49	4.00	3.25
YES								
L0001074	0	0.22450E-07	477057.6	3742568.8	463.7	3.49	4.00	3.25
YES								
L0001075	0	0.22450E-07	477066.2	3742569.0	463.4	3.49	4.00	3.25
YES								
L0001076	0	0.22450E-07	477074.8	3742569.2	463.2	3.49	4.00	3.25
YES								
L0001077	0	0.22450E-07	477083.4	3742569.4	463.1	3.49	4.00	3.25
YES								
L0001078	0	0.22450E-07	477092.0	3742569.6	463.1	3.49	4.00	3.25
YES								
L0001079	0	0.22450E-07	477100.6	3742569.8	463.0	3.49	4.00	3.25
YES								
L0001080	0	0.22450E-07	477109.1	3742570.0	462.7	3.49	4.00	3.25
YES								
L0001081	0	0.22450E-07	477117.7	3742570.2	462.4	3.49	4.00	3.25
YES								
L0001082	0	0.22450E-07	477126.3	3742570.4	462.1	3.49	4.00	3.25
YES								
L0001083	0	0.22450E-07	477134.9	3742570.6	461.8	3.49	4.00	3.25
YES								
L0001084	0	0.22450E-07	477143.5	3742570.8	461.6	3.49	4.00	3.25
YES								
L0001085	0	0.22450E-07	477152.1	3742571.0	461.3	3.49	4.00	3.25
YES								
L0001086	0	0.22450E-07	477160.7	3742571.2	461.0	3.49	4.00	3.25
YES								
L0001087	0	0.22450E-07	477169.3	3742571.3	460.7	3.49	4.00	3.25

YES
 L0001088 0 0.22450E-07 477177.9 3742571.5 460.4 3.49 4.00 3.25
 YES
 L0001089 0 0.22450E-07 477186.4 3742571.7 460.1 3.49 4.00 3.25
 YES
 L0001090 0 0.22450E-07 477195.0 3742571.9 459.9 3.49 4.00 3.25
 YES
 L0001091 0 0.22450E-07 477203.6 3742572.1 459.6 3.49 4.00 3.25
 YES
 L0001092 0 0.22450E-07 477212.2 3742572.3 459.4 3.49 4.00 3.25
 YES
 L0001093 0 0.22450E-07 477220.8 3742572.5 459.1 3.49 4.00 3.25
 YES
 L0001094 0 0.22450E-07 477229.4 3742572.7 458.8 3.49 4.00 3.25
 YES
 L0001095 0 0.82200E-07 476976.2 3743383.9 460.2 3.49 6.51 3.25
 YES

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X				
(METERS)	SCALAR			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	VARY		BY					
	CATS.							
L0001096	0	0.82200E-07	476971.6	3743397.2	460.3	3.49	6.51	3.25
YES								
L0001097	0	0.82200E-07	476967.0	3743410.4	460.4	3.49	6.51	3.25
YES								
L0001098	0	0.82200E-07	476962.3	3743423.6	460.4	3.49	6.51	3.25
YES								
L0001099	0	0.82200E-07	476957.7	3743436.8	460.2	3.49	6.51	3.25
YES								
L0001100	0	0.82200E-07	476953.1	3743450.0	460.0	3.49	6.51	3.25
YES								
L0001101	0	0.82200E-07	476948.4	3743463.2	460.0	3.49	6.51	3.25
YES								
L0001102	0	0.82200E-07	476943.8	3743476.4	460.0	3.49	6.51	3.25
YES								
L0001103	0	0.82200E-07	476939.1	3743489.6	460.0	3.49	6.51	3.25
YES								
L0001104	0	0.82200E-07	476934.5	3743502.8	460.0	3.49	6.51	3.25
YES								
L0001105	0	0.82200E-07	476929.9	3743516.0	460.0	3.49	6.51	3.25
YES								
L0001106	0	0.82200E-07	476925.2	3743529.3	460.0	3.49	6.51	3.25
YES								
L0001107	0	0.82200E-07	476920.6	3743542.5	460.0	3.49	6.51	3.25
YES								
L0001108	0	0.82200E-07	476916.0	3743555.7	460.0	3.49	6.51	3.25
YES								
L0001109	0	0.82200E-07	476911.3	3743568.9	459.9	3.49	6.51	3.25
YES								
L0001110	0	0.82200E-07	476906.7	3743582.1	459.7	3.49	6.51	3.25

YES								
L0001111	0	0.82200E-07	476902.1	3743595.3	459.6	3.49	6.51	3.25
YES								
L0001112	0	0.82200E-07	476897.4	3743608.5	459.4	3.49	6.51	3.25
YES								
L0001113	0	0.82200E-07	476892.8	3743621.7	459.1	3.49	6.51	3.25
YES								
L0001114	0	0.82200E-07	476888.1	3743634.9	459.0	3.49	6.51	3.25
YES								
L0001115	0	0.82200E-07	476883.5	3743648.1	459.0	3.49	6.51	3.25
YES								
L0001116	0	0.82200E-07	476878.9	3743661.4	458.9	3.49	6.51	3.25
YES								
L0001117	0	0.82200E-07	476874.2	3743674.6	458.7	3.49	6.51	3.25
YES								
L0001118	0	0.82200E-07	476869.6	3743687.8	458.6	3.49	6.51	3.25
YES								
L0001119	0	0.82200E-07	476865.0	3743701.0	458.4	3.49	6.51	3.25
YES								
L0001120	0	0.82200E-07	476860.3	3743714.2	458.1	3.49	6.51	3.25
YES								
L0001121	0	0.82200E-07	476855.7	3743727.4	458.1	3.49	6.51	3.25
YES								
L0001122	0	0.82200E-07	476851.0	3743740.6	458.1	3.49	6.51	3.25
YES								
L0001123	0	0.82200E-07	476846.3	3743753.8	457.9	3.49	6.51	3.25
YES								
L0001124	0	0.82200E-07	476841.6	3743767.0	457.7	3.49	6.51	3.25
YES								
L0001125	0	0.82200E-07	476836.8	3743780.1	457.7	3.49	6.51	3.25
YES								
L0001126	0	0.82200E-07	476832.1	3743793.3	457.4	3.49	6.51	3.25
YES								
L0001127	0	0.82200E-07	476827.4	3743806.5	457.1	3.49	6.51	3.25
YES								
L0001128	0	0.82200E-07	476822.7	3743819.7	457.6	3.49	6.51	3.25
YES								
L0001129	0	0.82200E-07	476818.0	3743832.9	457.9	3.49	6.51	3.25
YES								
L0001130	0	0.82200E-07	476813.3	3743846.1	458.2	3.49	6.51	3.25
YES								
L0001131	0	0.82200E-07	476808.5	3743859.2	458.6	3.49	6.51	3.25
YES								
L0001132	0	0.82200E-07	476803.6	3743872.3	458.9	3.49	6.51	3.25
YES								
L0001133	0	0.82200E-07	476798.7	3743885.4	459.0	3.49	6.51	3.25
YES								
L0001134	0	0.82200E-07	476793.8	3743898.5	459.0	3.49	6.51	3.25
YES								
L0001135	0	0.82200E-07	476788.9	3743911.7	459.0	3.49	6.51	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0001136	0	0.82200E-07	476783.9	3743924.8	459.0	3.49	6.51	3.25
YES								
L0001137	0	0.82200E-07	476779.0	3743937.9	459.0	3.49	6.51	3.25
YES								
L0001138	0	0.82200E-07	476774.1	3743951.0	459.0	3.49	6.51	3.25
YES								
L0001139	0	0.82200E-07	476769.2	3743964.1	459.0	3.49	6.51	3.25
YES								
L0001140	0	0.82200E-07	476764.3	3743977.2	459.2	3.49	6.51	3.25
YES								
L0001141	0	0.82200E-07	476759.3	3743990.3	459.4	3.49	6.51	3.25
YES								
L0001142	0	0.82200E-07	476754.4	3744003.4	459.5	3.49	6.51	3.25
YES								
L0001143	0	0.82200E-07	476749.7	3744016.6	459.7	3.49	6.51	3.25
YES								
L0001144	0	0.82200E-07	476745.7	3744030.0	459.8	3.49	6.51	3.25
YES								
L0001145	0	0.82200E-07	476741.6	3744043.4	459.9	3.49	6.51	3.25
YES								
L0001146	0	0.82200E-07	476737.6	3744056.8	460.0	3.49	6.51	3.25
YES								
L0001147	0	0.82200E-07	476733.8	3744070.2	460.0	3.49	6.51	3.25
YES								
L0001148	0	0.82200E-07	476731.3	3744084.0	460.0	3.49	6.51	3.25
YES								
L0001149	0	0.82200E-07	476728.8	3744097.8	460.0	3.49	6.51	3.25
YES								
L0001150	0	0.82200E-07	476726.4	3744111.6	460.0	3.49	6.51	3.25
YES								
L0001151	0	0.82200E-07	476726.1	3744125.6	460.0	3.49	6.51	3.25
YES								
L0001152	0	0.82200E-07	476725.8	3744139.6	459.9	3.49	6.51	3.25
YES								
L0001153	0	0.82200E-07	476725.5	3744153.6	459.7	3.49	6.51	3.25
YES								
L0001154	0	0.82200E-07	476725.3	3744167.6	459.5	3.49	6.51	3.25
YES								
L0001155	0	0.82200E-07	476724.7	3744181.6	459.5	3.49	6.51	3.25
YES								
L0001156	0	0.82200E-07	476723.5	3744195.5	459.5	3.49	6.51	3.25
YES								
L0001157	0	0.82200E-07	476722.4	3744209.5	459.3	3.49	6.51	3.25
YES								
L0001158	0	0.82200E-07	476721.3	3744223.4	459.1	3.49	6.51	3.25
YES								
L0001159	0	0.82200E-07	476720.2	3744237.4	458.9	3.49	6.51	3.25
YES								
L0001160	0	0.82200E-07	476719.1	3744251.3	458.7	3.49	6.51	3.25
YES								
L0001161	0	0.82200E-07	476717.0	3744265.1	458.8	3.49	6.51	3.25
YES								
L0001162	0	0.82200E-07	476713.9	3744278.8	458.9	3.49	6.51	3.25
YES								
L0001163	0	0.82200E-07	476710.8	3744292.4	459.0	3.49	6.51	3.25
YES								
L0001164	0	0.82200E-07	476704.6	3744305.0	459.2	3.49	6.51	3.25
YES								
L0001165	0	0.82200E-07	476698.4	3744317.5	459.4	3.49	6.51	3.25
YES								
L0001166	0	0.82200E-07	476692.2	3744330.1	459.3	3.49	6.51	3.25

YES
 L0001167 0 0.82200E-07 476686.0 3744342.6 459.1 3.49 6.51 3.25
 YES
 L0001168 0 0.82200E-07 476678.7 3744354.6 459.0 3.49 6.51 3.25
 YES
 L0001169 0 0.82200E-07 476670.8 3744366.1 459.3 3.49 6.51 3.25
 YES
 L0001170 0 0.82200E-07 476662.9 3744377.7 459.5 3.49 6.51 3.25
 YES
 L0001171 0 0.82200E-07 476655.0 3744389.2 459.5 3.49 6.51 3.25
 YES
 L0001172 0 0.82200E-07 476646.5 3744400.2 459.3 3.49 6.51 3.25
 YES
 L0001173 0 0.82200E-07 476635.4 3744408.8 459.5 3.49 6.51 3.25
 YES
 L0001174 0 0.82200E-07 476624.3 3744417.3 459.9 3.49 6.51 3.25
 YES
 L0001175 0 0.82200E-07 476613.1 3744425.8 460.0 3.49 6.51 3.25
 YES

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	VARY	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							
L0001176	0	0.82200E-07	476602.0	3744434.3	460.0	3.49	6.51	3.25
YES								
L0001177	0	0.82200E-07	476590.6	3744442.4	460.0	3.49	6.51	3.25
YES								
L0001178	0	0.82200E-07	476579.2	3744450.5	460.4	3.49	6.51	3.25
YES								
L0001179	0	0.82200E-07	476567.8	3744458.6	460.7	3.49	6.51	3.25
YES								
L0001180	0	0.82200E-07	476556.3	3744466.7	461.0	3.49	6.51	3.25
YES								
L0001181	0	0.82200E-07	476544.9	3744474.7	461.0	3.49	6.51	3.25
YES								
L0001182	0	0.82200E-07	476533.5	3744482.8	461.0	3.49	6.51	3.25
YES								
L0001183	0	0.82200E-07	476522.0	3744490.9	461.3	3.49	6.51	3.25
YES								
L0001184	0	0.82200E-07	476510.6	3744499.0	461.6	3.49	6.51	3.25
YES								
L0001185	0	0.82200E-07	476499.2	3744507.0	461.7	3.49	6.51	3.25
YES								
L0001186	0	0.82200E-07	476487.7	3744515.1	461.6	3.49	6.51	3.25
YES								
L0001187	0	0.82200E-07	476476.3	3744523.2	461.8	3.49	6.51	3.25
YES								
L0001188	0	0.82200E-07	476464.9	3744531.3	462.0	3.49	6.51	3.25
YES								
L0001189	0	0.82200E-07	476453.4	3744539.3	462.0	3.49	6.51	3.25

YES								
L0001190	0	0.82200E-07	476442.0	3744547.4	462.0	3.49	6.51	3.25
YES								
L0001191	0	0.82200E-07	476430.5	3744555.5	462.0	3.49	6.51	3.25
YES								
L0001192	0	0.82200E-07	476419.1	3744563.6	462.0	3.49	6.51	3.25
YES								
L0001193	0	0.82200E-07	476407.7	3744571.6	462.1	3.49	6.51	3.25
YES								
L0001194	0	0.82200E-07	476396.2	3744579.7	462.4	3.49	6.51	3.25
YES								
L0001195	0	0.82200E-07	476384.8	3744587.8	462.8	3.49	6.51	3.25
YES								
L0001196	0	0.82200E-07	476373.4	3744595.9	463.0	3.49	6.51	3.25
YES								
L0001197	0	0.28080E-07	476347.1	3744593.9	463.0	3.49	6.51	3.25
YES								
L0001198	0	0.28080E-07	476339.5	3744582.1	463.0	3.49	6.51	3.25
YES								
L0001199	0	0.28080E-07	476332.0	3744570.4	463.0	3.49	6.51	3.25
YES								
L0001200	0	0.28080E-07	476324.4	3744558.6	463.0	3.49	6.51	3.25
YES								
L0001201	0	0.28080E-07	476316.8	3744546.8	463.1	3.49	6.51	3.25
YES								
L0001202	0	0.28080E-07	476309.1	3744535.1	463.4	3.49	6.51	3.25
YES								
L0001203	0	0.28080E-07	476301.3	3744523.5	463.7	3.49	6.51	3.25
YES								
L0001204	0	0.28080E-07	476293.4	3744511.9	463.9	3.49	6.51	3.25
YES								
L0001205	0	0.28080E-07	476285.5	3744500.4	464.1	3.49	6.51	3.25
YES								
L0001206	0	0.28080E-07	476277.7	3744488.8	464.6	3.49	6.51	3.25
YES								
L0001207	0	0.28080E-07	476269.9	3744477.1	464.9	3.49	6.51	3.25
YES								
L0001208	0	0.28080E-07	476262.1	3744465.5	465.0	3.49	6.51	3.25
YES								
L0001209	0	0.28080E-07	476254.3	3744453.9	465.1	3.49	6.51	3.25
YES								
L0001210	0	0.28080E-07	476246.5	3744442.2	465.4	3.49	6.51	3.25
YES								
L0001211	0	0.28080E-07	476239.1	3744430.4	465.8	3.49	6.51	3.25
YES								
L0001212	0	0.28080E-07	476231.7	3744418.5	466.0	3.49	6.51	3.25
YES								
L0001213	0	0.28080E-07	476224.3	3744406.6	466.0	3.49	6.51	3.25
YES								
L0001214	0	0.28080E-07	476216.3	3744395.1	466.4	3.49	6.51	3.25
YES								
L0001215	0	0.28080E-07	476207.6	3744384.2	466.7	3.49	6.51	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE
URBAN EMISSION RATE

BASE RELEASE INIT. INIT.

SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
ID	CATS.	BY						
(METERS)								
L0001216	0	0.28080E-07	476198.8	3744373.2	467.0	3.49	6.51	3.25
YES								
L0001217	0	0.27180E-07	476345.2	3744613.7	463.0	3.49	6.51	3.25
YES								
L0001218	0	0.27180E-07	476333.8	3744621.9	463.0	3.49	6.51	3.25
YES								
L0001219	0	0.27180E-07	476322.4	3744630.0	463.0	3.49	6.51	3.25
YES								
L0001220	0	0.27180E-07	476311.5	3744638.7	463.3	3.49	6.51	3.25
YES								
L0001221	0	0.27180E-07	476301.2	3744648.2	463.6	3.49	6.51	3.25
YES								
L0001222	0	0.27180E-07	476290.9	3744657.7	464.0	3.49	6.51	3.25
YES								
L0001223	0	0.27180E-07	476281.7	3744668.1	464.0	3.49	6.51	3.25
YES								
L0001224	0	0.27180E-07	476273.2	3744679.3	463.9	3.49	6.51	3.25
YES								
L0001225	0	0.27180E-07	476265.0	3744690.6	463.9	3.49	6.51	3.25
YES								
L0001226	0	0.27180E-07	476257.1	3744702.2	464.0	3.49	6.51	3.25
YES								
L0001227	0	0.27180E-07	476249.2	3744713.7	464.0	3.49	6.51	3.25
YES								
L0001228	0	0.27180E-07	476244.0	3744726.7	464.0	3.49	6.51	3.25
YES								
L0001229	0	0.27180E-07	476239.0	3744739.8	464.0	3.49	6.51	3.25
YES								
L0001230	0	0.27180E-07	476233.9	3744752.8	463.9	3.49	6.51	3.25
YES								
L0001231	0	0.27180E-07	476228.9	3744765.9	464.0	3.49	6.51	3.25
YES								
L0001232	0	0.27180E-07	476223.9	3744778.9	464.0	3.49	6.51	3.25
YES								
L0001233	0	0.27180E-07	476222.0	3744792.7	464.0	3.49	6.51	3.25
YES								
L0001234	0	0.27180E-07	476221.4	3744806.7	464.0	3.49	6.51	3.25
YES								
L0001235	0	0.27180E-07	476220.7	3744820.6	464.0	3.49	6.51	3.25
YES								
L0001236	0	0.27180E-07	476220.1	3744834.6	464.0	3.49	6.51	3.25
YES								
L0001237	0	0.27180E-07	476219.5	3744848.6	464.0	3.49	6.51	3.25
YES								
L0001238	0	0.27180E-07	476218.8	3744862.6	464.0	3.49	6.51	3.25
YES								
L0001239	0	0.27180E-07	476218.2	3744876.6	464.0	3.49	6.51	3.25
YES								
L0001240	0	0.27180E-07	476217.6	3744890.6	464.0	3.49	6.51	3.25
YES								
L0001241	0	0.27180E-07	476216.9	3744904.6	464.0	3.49	6.51	3.25
YES								
L0001242	0	0.27180E-07	476216.3	3744918.5	464.0	3.49	6.51	3.25
YES								
L0001243	0	0.27180E-07	476215.6	3744932.5	464.0	3.49	6.51	3.25
YES								
L0001244	0	0.27180E-07	476215.0	3744946.5	464.0	3.49	6.51	3.25
YES								
L0001245	0	0.27180E-07	476214.4	3744960.5	464.0	3.49	6.51	3.25

YES
 L0001246 0 0.27610E-07 476368.5 3744622.5 462.9 3.49 6.51 3.25
 YES
 L0001247 0 0.27610E-07 476377.3 3744633.4 462.5 3.49 6.51 3.25
 YES
 L0001248 0 0.27610E-07 476386.0 3744644.3 462.1 3.49 6.51 3.25
 YES
 L0001249 0 0.27610E-07 476394.8 3744655.2 462.0 3.49 6.51 3.25
 YES
 L0001250 0 0.27610E-07 476403.6 3744666.1 462.0 3.49 6.51 3.25
 YES
 L0001251 0 0.27610E-07 476412.4 3744677.1 461.9 3.49 6.51 3.25
 YES
 L0001252 0 0.27610E-07 476421.1 3744688.0 461.6 3.49 6.51 3.25
 YES
 L0001253 0 0.27610E-07 476432.0 3744696.8 461.3 3.49 6.51 3.25
 YES
 L0001254 0 0.27610E-07 476442.9 3744705.5 460.9 3.49 6.51 3.25
 YES
 L0001255 0 0.27610E-07 476453.9 3744714.2 460.7 3.49 6.51 3.25
 YES

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						
L0001256	0	0.27610E-07	476464.9	3744722.9	460.6	3.49	6.51	3.25
YES								
L0001257	0	0.27610E-07	476476.5	3744730.7	460.6	3.49	6.51	3.25
YES								
L0001258	0	0.27610E-07	476488.1	3744738.5	460.4	3.49	6.51	3.25
YES								
L0001259	0	0.27610E-07	476499.7	3744746.3	460.0	3.49	6.51	3.25
YES								
L0001260	0	0.27610E-07	476511.3	3744754.1	460.0	3.49	6.51	3.25
YES								
L0001261	0	0.27610E-07	476523.0	3744761.9	460.0	3.49	6.51	3.25
YES								
L0001262	0	0.27610E-07	476535.2	3744768.8	459.8	3.49	6.51	3.25
YES								
L0001263	0	0.27610E-07	476547.7	3744774.9	459.4	3.49	6.51	3.25
YES								
L0001264	0	0.27610E-07	476560.3	3744781.0	459.0	3.49	6.51	3.25
YES								
L0001265	0	0.27610E-07	476572.9	3744787.1	458.6	3.49	6.51	3.25
YES								
L0001266	0	0.27610E-07	476585.6	3744793.0	458.1	3.49	6.51	3.25
YES								
L0001267	0	0.27610E-07	476598.8	3744797.8	458.0	3.49	6.51	3.25
YES								
L0001268	0	0.27610E-07	476612.0	3744802.5	458.0	3.49	6.51	3.25

SOURCE SOURCE ID (METERS)	PART. SCALAR VARY CATS.	NUMBER	EMISSION RATE	X	Y	BASE	RELEASE	INIT.	INIT.
		URBAN	(GRAMS/SEC)			ELEV.	HEIGHT	SY	SZ
			BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0001296	0	0.27400E-07		477025.3	3743250.0	460.3	3.49	6.51	3.25
YES									
L0001297	0	0.27400E-07		477030.0	3743236.8	460.3	3.49	6.51	3.25
YES									
L0001298	0	0.27400E-07		477034.7	3743223.6	460.2	3.49	6.51	3.25
YES									
L0001299	0	0.27400E-07		477039.4	3743210.4	460.0	3.49	6.51	3.25
YES									
L0001300	0	0.27400E-07		477044.1	3743197.2	460.0	3.49	6.51	3.25
YES									
L0001301	0	0.27400E-07		477048.7	3743184.0	460.0	3.49	6.51	3.25
YES									
L0001302	0	0.27400E-07		477053.4	3743170.8	460.0	3.49	6.51	3.25
YES									
L0001303	0	0.27400E-07		477058.1	3743157.6	460.0	3.49	6.51	3.25
YES									
L0001304	0	0.27400E-07		477062.8	3743144.4	460.0	3.49	6.51	3.25
YES									
L0001305	0	0.27400E-07		477067.5	3743131.3	460.0	3.49	6.51	3.25
YES									
L0001306	0	0.27400E-07		477072.1	3743118.1	460.0	3.49	6.51	3.25
YES									
L0001307	0	0.27400E-07		477076.8	3743104.9	460.0	3.49	6.51	3.25
YES									
L0001308	0	0.27400E-07		477081.5	3743091.7	460.0	3.49	6.51	3.25
YES									
L0001309	0	0.27400E-07		477086.2	3743078.5	460.0	3.49	6.51	3.25
YES									
L0001310	0	0.27400E-07		477090.9	3743065.3	460.0	3.49	6.51	3.25
YES									
L0001311	0	0.27400E-07		477095.6	3743052.1	460.0	3.49	6.51	3.25
YES									
L0001312	0	0.27400E-07		477100.2	3743038.9	460.0	3.49	6.51	3.25
YES									
L0001313	0	0.27400E-07		477104.9	3743025.7	459.8	3.49	6.51	3.25
YES									
L0001314	0	0.27400E-07		477109.6	3743012.5	459.7	3.49	6.51	3.25
YES									
L0001315	0	0.27400E-07		477114.3	3742999.3	459.5	3.49	6.51	3.25
YES									
L0001316	0	0.27400E-07		477119.0	3742986.1	459.4	3.49	6.51	3.25
YES									
L0001317	0	0.27400E-07		477123.7	3742972.9	459.2	3.49	6.51	3.25
YES									
L0001318	0	0.27400E-07		477128.3	3742959.7	459.1	3.49	6.51	3.25
YES									
L0001319	0	0.27400E-07		477133.0	3742946.5	459.0	3.49	6.51	3.25
YES									
L0001320	0	0.27400E-07		477137.7	3742933.4	459.1	3.49	6.51	3.25
YES									
L0001321	0	0.27400E-07		477142.4	3742920.2	459.3	3.49	6.51	3.25
YES									
L0001322	0	0.27400E-07		477147.1	3742907.0	459.4	3.49	6.51	3.25
YES									
L0001323	0	0.27400E-07		477151.8	3742893.8	459.3	3.49	6.51	3.25
YES									
L0001324	0	0.27400E-07		477156.4	3742880.6	459.1	3.49	6.51	3.25

YES
 L0001325 0 0.27400E-07 477161.1 3742867.4 459.0 3.49 6.51 3.25
 YES
 L0001326 0 0.27400E-07 477165.8 3742854.2 458.8 3.49 6.51 3.25
 YES
 L0001327 0 0.27400E-07 477170.5 3742841.0 458.7 3.49 6.51 3.25
 YES
 L0001328 0 0.27400E-07 477175.2 3742827.8 458.8 3.49 6.51 3.25
 YES
 L0001329 0 0.27400E-07 477179.8 3742814.6 459.0 3.49 6.51 3.25
 YES
 L0001330 0 0.27400E-07 477184.3 3742801.3 459.1 3.49 6.51 3.25
 YES
 L0001331 0 0.27400E-07 477188.8 3742788.1 459.0 3.49 6.51 3.25
 YES
 L0001332 0 0.27400E-07 477193.4 3742774.8 458.9 3.49 6.51 3.25
 YES
 L0001333 0 0.27400E-07 477197.9 3742761.6 458.7 3.49 6.51 3.25
 YES
 L0001334 0 0.27400E-07 477202.4 3742748.3 458.6 3.49 6.51 3.25
 YES
 L0001335 0 0.27400E-07 477206.9 3742735.1 458.4 3.49 6.51 3.25
 YES

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X				
(METERS)	CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0001336	0	0.27400E-07	477211.4	3742721.8	458.4	3.49	6.51	3.25
YES								
L0001337	0	0.27400E-07	477215.9	3742708.6	458.6	3.49	6.51	3.25
YES								
L0001338	0	0.27400E-07	477220.4	3742695.3	459.0	3.49	6.51	3.25
YES								
L0001339	0	0.27400E-07	477224.9	3742682.1	458.8	3.49	6.51	3.25
YES								
L0001340	0	0.27400E-07	477229.4	3742668.8	458.7	3.49	6.51	3.25
YES								
L0001341	0	0.27400E-07	477233.9	3742655.5	458.5	3.49	6.51	3.25
YES								
L0001342	0	0.27400E-07	477236.6	3742641.9	458.4	3.49	6.51	3.25
YES								
L0001343	0	0.27400E-07	477238.5	3742628.0	458.4	3.49	6.51	3.25
YES								
L0001344	0	0.27400E-07	477240.4	3742614.1	458.3	3.49	6.51	3.25
YES								
L0001345	0	0.27400E-07	477242.3	3742600.2	458.2	3.49	6.51	3.25
YES								
L0001346	0	0.27400E-07	477243.1	3742586.3	458.2	3.49	6.51	3.25
YES								
L0001347	0	0.10060E-06	477252.1	3742575.1	458.0	3.49	6.51	3.25


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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs					
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L0001240	, L0001241	, L0001242	, L0001243	, L0001244	, L0001245	,
L0001246	, L0001247	,				
L0001248	, L0001249	, L0001250	, L0001251	, L0001252	, L0001253	,
L0001254	, L0001255	,				
L0001256	, L0001257	, L0001258	, L0001259	, L0001260	, L0001261	,
L0001262	, L0001263	,				
L0001264	, L0001265	, L0001266	, L0001267	, L0001268	, L0001269	,
L0001270	, L0001271	,				
L0001272	, L0001273	, L0001274	, L0001275	, L0001276	, L0001277	,
L0001278	, L0001279	,				
L0001280	, L0001281	, L0001282	, L0001283	, L0001284	, L0001285	,
L0001286	, L0001287	,				
L0001288	, L0001289	, L0001290	, L0001291	, L0001292	, L0001293	,
L0001294	, L0001295	,				
L0001296	, L0001297	, L0001298	, L0001299	, L0001300	, L0001301	,
L0001302	, L0001303	,				
L0001304	, L0001305	, L0001306	, L0001307	, L0001308	, L0001309	,
L0001310	, L0001311	,				
L0001312	, L0001313	, L0001314	, L0001315	, L0001316	, L0001317	,

L0001318 , L0001319 ,
 L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,
 L0001326 , L0001327 ,
 L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 ,
 L0001334 , L0001335 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID -----	SOURCE IDs -----
L0001336 , L0001337 , L0001338 , L0001339 , L0001340 , L0001341 , L0001342 , L0001343 ,	
L0001344 , L0001345 , L0001346 , L0001347 , L0001348 , L0001349 , L0001350 , L0001351 ,	
L0001352 , L0001353 , L0001354 , L0001355 , L0001356 , L0001357 , L0001358 , L0001359 ,	
L0001360 , L0001361 , L0001362 , L0001363 , L0001364 , L0001365 , L0001366 , L0001367 ,	
L0001368 , L0001369 , L0001370 , L0001371 , L0001372 , L0001373 , L0001374 , L0001375 ,	
L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 , L0001382 , L0001383 ,	
L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 ,	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID -----	URBAN POP -----	SOURCE IDs -----
L0000703 ,	2189641. L0000701 , L0000702 ,	L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,
	L0000704 , L0000710 ,	L0000705 , L0000711 ,
	L0000712 , L0000718 ,	L0000713 , L0000719 ,
		L0000714 , L0000715 , L0000716 , L0000717 ,

L0000720 , L0000721 , L0000722 , L0000723 , L0000724 , L0000725 ,
 L0000726 , L0000727 ,

 L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 ,
 L0000734 , L0000735 ,

 L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 ,
 L0000742 , L0000743 ,

 L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , 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 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 ,
 L0000782 , L0000783 ,

 L0000784 , L0000785 , L0000786 , L0000787 , L0000788 , L0000789 ,
 L0000790 , L0000791 ,

 L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 ,
 L0000798 , L0000799 ,

 L0000800 , L0000801 , L0000802 , L0000803 , L0000804 , L0000805 ,
 L0000806 , L0000807 ,

 L0000808 , L0000809 , L0000810 , L0000811 , L0000812 , L0000813 ,
 L0000814 , L0000815 ,

 L0000816 , L0000817 , L0000818 , L0000819 , L0000820 , L0000821 ,
 L0000822 , L0000823 ,

 L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 ,
 L0000830 , L0000831 ,

 L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 ,
 L0000838 , L0000839 ,

 L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 ,
 L0000846 , L0000847 ,

 L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 ,
 L0000854 , L0000855 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
 L0000862 , L0000863 ,

 L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
 L0000870 , L0000871 ,

 L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
 L0000878 , L0000879 ,

 L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 ,
 L0000886 , L0000887 ,

 L0000888 , L0000889 , L0000890 , L0000891 , L0000892 , L0000893 ,
 L0000894 , L0000895 ,

 L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 ,
 L0000902 , L0000903 ,

 L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 ,
 L0000910 , L0000911 ,

 L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 ,
 L0000918 , L0000919 ,

 L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 ,
 L0000926 , L0000927 ,

 L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 ,
 L0000934 , L0000935 ,

 L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 ,
 L0000942 , L0000943 ,

 L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 ,
 L0000950 , L0000951 ,

 L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 ,
 L0000958 , L0000959 ,

 L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 ,
 L0000966 , L0000967 ,

 L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 ,
 L0000974 , L0000975 ,

 L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 ,
 L0000982 , L0000983 ,

 L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , L0000989 ,
 L0000990 , L0000991 ,

 L0000992 , L0000993 , L0000994 , L0000995 , L0000996 , L0000997 ,
 L0000998 , L0000999 ,

 L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 ,
 L0001006 , L0001007 ,

 L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 ,
 L0001014 , L0001015 ,

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

URBAN ID -----	URBAN POP -----	SOURCE IDs -----						
L0001016 L0001022	, ,	L0001017 L0001023	, ,	L0001018 ,	, ,	L0001019 L0001020	, ,	L0001021 ,
L0001024 L0001030	, ,	L0001025 L0001031	, ,	L0001026 ,	, ,	L0001027 L0001028	, ,	L0001029 ,
L0001032 L0001038	, ,	L0001033 L0001039	, ,	L0001034 ,	, ,	L0001035 L0001036	, ,	L0001037 ,
L0001040 L0001046	, ,	L0001041 L0001047	, ,	L0001042 ,	, ,	L0001043 L0001044	, ,	L0001045 ,
L0001048 L0001054	, ,	L0001049 L0001055	, ,	L0001050 ,	, ,	L0001051 L0001052	, ,	L0001053 ,
L0001056 L0001062	, ,	L0001057 L0001063	, ,	L0001058 ,	, ,	L0001059 L0001060	, ,	L0001061 ,
L0001064 L0001070	, ,	L0001065 L0001071	, ,	L0001066 ,	, ,	L0001067 L0001068	, ,	L0001069 ,
L0001072 L0001078	, ,	L0001073 L0001079	, ,	L0001074 ,	, ,	L0001075 L0001076	, ,	L0001077 ,
L0001080 L0001086	, ,	L0001081 L0001087	, ,	L0001082 ,	, ,	L0001083 L0001084	, ,	L0001085 ,
L0001088 L0001094	, ,	L0001089 L0001095	, ,	L0001090 ,	, ,	L0001091 L0001092	, ,	L0001093 ,
L0001096 L0001102	, ,	L0001097 L0001103	, ,	L0001098 ,	, ,	L0001099 L0001100	, ,	L0001101 ,
L0001104 L0001110	, ,	L0001105 L0001111	, ,	L0001106 ,	, ,	L0001107 L0001108	, ,	L0001109 ,
L0001112 L0001118	, ,	L0001113 L0001119	, ,	L0001114 ,	, ,	L0001115 L0001116	, ,	L0001117 ,
L0001120 L0001126	, ,	L0001121 L0001127	, ,	L0001122 ,	, ,	L0001123 L0001124	, ,	L0001125 ,
L0001128 L0001134	, ,	L0001129 L0001135	, ,	L0001130 ,	, ,	L0001131 L0001132	, ,	L0001133 ,
L0001136 L0001142	, ,	L0001137 L0001143	, ,	L0001138 ,	, ,	L0001139 L0001140	, ,	L0001141 ,
L0001144 L0001150	, ,	L0001145 L0001151	, ,	L0001146 ,	, ,	L0001147 L0001148	, ,	L0001149 ,
L0001152 L0001158	, ,	L0001153 L0001159	, ,	L0001154 ,	, ,	L0001155 L0001156	, ,	L0001157 ,
L0001160 L0001166	, ,	L0001161 L0001167	, ,	L0001162 ,	, ,	L0001163 L0001164	, ,	L0001165 ,
L0001168	, ,	L0001169	, ,	L0001170	, ,	L0001171 L0001172	, ,	L0001173 ,

L0001174 , L0001175 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0001176	, L0001177	, L0001178	, L0001179	, L0001180	, L0001181	,	
L0001182	, L0001183	,					
L0001184	, L0001185	, L0001186	, L0001187	, L0001188	, L0001189	,	
L0001190	, L0001191	,					
L0001192	, L0001193	, L0001194	, L0001195	, L0001196	, L0001197	,	
L0001198	, L0001199	,					
L0001200	, L0001201	, L0001202	, L0001203	, L0001204	, L0001205	,	
L0001206	, L0001207	,					
L0001208	, L0001209	, L0001210	, L0001211	, L0001212	, L0001213	,	
L0001214	, L0001215	,					
L0001216	, L0001217	, L0001218	, L0001219	, L0001220	, L0001221	,	
L0001222	, L0001223	,					
L0001224	, L0001225	, L0001226	, L0001227	, L0001228	, L0001229	,	
L0001230	, L0001231	,					
L0001232	, L0001233	, L0001234	, L0001235	, L0001236	, L0001237	,	
L0001238	, L0001239	,					
L0001240	, L0001241	, L0001242	, L0001243	, L0001244	, L0001245	,	
L0001246	, L0001247	,					
L0001248	, L0001249	, L0001250	, L0001251	, L0001252	, L0001253	,	
L0001254	, L0001255	,					
L0001256	, L0001257	, L0001258	, L0001259	, L0001260	, L0001261	,	
L0001262	, L0001263	,					
L0001264	, L0001265	, L0001266	, L0001267	, L0001268	, L0001269	,	
L0001270	, L0001271	,					
L0001272	, L0001273	, L0001274	, L0001275	, L0001276	, L0001277	,	
L0001278	, L0001279	,					
L0001280	, L0001281	, L0001282	, L0001283	, L0001284	, L0001285	,	
L0001286	, L0001287	,					
L0001288	, L0001289	, L0001290	, L0001291	, L0001292	, L0001293	,	
L0001294	, L0001295	,					
L0001296	, L0001297	, L0001298	, L0001299	, L0001300	, L0001301	,	
L0001302	, L0001303	,					
L0001304	, L0001305	, L0001306	, L0001307	, L0001308	, L0001309	,	
L0001310	, L0001311	,					

L0001312 , L0001313 , L0001314 , L0001315 , L0001316 , L0001317 ,
 L0001318 , L0001319 ,
 L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,
 L0001326 , L0001327 ,
 L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 ,
 L0001334 , L0001335 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001336	L0001337	L0001338 , L0001339 , L0001340 , L0001341 ,
L0001342	L0001343	,
L0001344	L0001345	L0001346 , L0001347 , L0001348 , L0001349 ,
L0001350	L0001351	,
L0001352	L0001353	L0001354 , L0001355 , L0001356 , L0001357 ,
L0001358	L0001359	,
L0001360	L0001361	L0001362 , L0001363 , L0001364 , L0001365 ,
L0001366	L0001367	,
L0001368	L0001369	L0001370 , L0001371 , L0001372 , L0001373 ,
L0001374	L0001375	,
L0001376	L0001377	L0001378 , L0001379 , L0001380 , L0001381 ,
L0001382	L0001383	,
L0001384	L0001385	L0001386 , L0001387 , L0001388 , L0001389 ,
L0001390		,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(476197.0, 3743263.7, 475.2, 475.2, 0.0); (476193.8, 3743185.8,
 477.9, 477.9, 0.0);
 (476186.9, 3743326.5, 475.4, 475.4, 0.0); (476194.3, 3743125.1,
 479.9, 479.9, 0.0);
 (476201.7, 3743102.7, 480.4, 480.4, 0.0); (476198.0, 3743076.0,
 481.3, 481.3, 0.0);
 (476197.8, 3742996.1, 483.1, 483.1, 0.0); (476179.8, 3743032.8,
 482.8, 482.8, 0.0);
 (476192.5, 3742991.9, 483.4, 483.4, 0.0); (476280.8, 3742942.1,
 482.9, 487.0, 0.0);

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): L0000696 , L0000697 ,
L0000698 , L0000699 , L0000700 ,
L0000701 , L0000702 , L0000703 , L0000704 , L0000705 ,
L0000706 , L0000707 , L0000708 ,
L0000709 , L0000710 , L0000711 , L0000712 , L0000713 ,
L0000714 , L0000715 , L0000716 ,
L0000717 , L0000718 , L0000719 , L0000720 , L0000721 ,
L0000722 , L0000723 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
476196.97	3743263.68	0.00174	476193.80	
3743185.82	0.00163			
476186.94	3743326.48	0.00126	476194.33	
3743125.13	0.00154			
476201.72	3743102.69	0.00165	476198.03	
3743076.04	0.00153			
476197.76	3742996.08	0.00119	476179.82	
3743032.76	0.00113			
476192.49	3742991.86	0.00110	476280.77	
3742942.15	0.00158			
476579.22	3742907.69	0.00107	476642.87	
3742999.13	0.00109			
476686.41	3743150.35	0.00073	476647.88	
3743185.97	0.00093			
476646.03	3743270.16	0.00097	476658.73	
3743398.51	0.00118			
476832.29	3743313.75	0.00070	476831.36	
3742996.75	0.00038			
476667.12	3742930.93	0.00073	476832.29	
3743162.55	0.00044			
476569.94	3743411.55	0.00100	476506.60	
3743413.72	0.00112			
476542.30	3743421.18	0.00097	475983.42	
3743372.99	0.00034			
477084.40	3742900.84	0.00027	477140.41	
3742816.14	0.00030			
477313.31	3742643.94	0.00035	477211.81	
3742907.14	0.00024			
476770.13	3742542.01	0.00044	477011.14	
3742548.02	0.00041			
477007.45	3742599.51	0.00034	477019.55	
3742752.07	0.00024			
476587.39	3742890.96	0.00100	476588.01	
3742818.59	0.00078			
476579.93	3742721.05	0.00057	476579.00	
3742669.49	0.00051			
476637.40	3742530.02	0.00041	477011.64	
3743354.00	0.00062			
477038.75	3743271.47	0.00048	477030.95	
3743412.54	0.00045			
476555.31	3744126.64	0.00021	476555.57	
3743985.11	0.00022			
476377.24	3744545.50	0.00042	476331.21	
3744654.76	0.00034			
476422.76	3744596.08	0.00050	476245.06	
3744904.31	0.00019			
477121.48	3744259.57	0.00010	477061.79	
3744345.06	0.00010			
477082.02	3744329.37	0.00010	477103.36	
3744263.50	0.00010			
477158.86	3744251.01	0.00010	476805.61	
3744140.67	0.00030			
476746.53	3744163.92	0.00066	478159.07	
3742336.35	0.00005			
478052.60	3742359.67	0.00006	478112.32	
3742350.13	0.00006			
476117.35	3743250.56	0.00081	476195.15	
3743283.69	0.00164			
476143.88	3743251.34	0.00100	476140.57	
3743228.74	0.00099			

476160.78 3743317.32
0.00102

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 *** 11/15/22
*** AERMET - VERSION 16216 ***
*** 09:16:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK

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

ALL 1ST HIGHEST VALUE IS 0.00174 AT (476196.97, 3743263.68, 475.17,
475.17, 0.00) DC
2ND HIGHEST VALUE IS 0.00165 AT (476201.72, 3743102.69, 480.45,
480.45, 0.00) DC
3RD HIGHEST VALUE IS 0.00164 AT (476195.15, 3743283.69, 475.16,
475.16, 0.00) DC
4TH HIGHEST VALUE IS 0.00163 AT (476193.80, 3743185.82, 477.94,
477.94, 0.00) DC
5TH HIGHEST VALUE IS 0.00158 AT (476280.77, 3742942.15, 482.90,
487.00, 0.00) DC
6TH HIGHEST VALUE IS 0.00154 AT (476194.33, 3743125.13, 479.89,
479.89, 0.00) DC
7TH HIGHEST VALUE IS 0.00153 AT (476198.03, 3743076.04, 481.34,
481.34, 0.00) DC
8TH HIGHEST VALUE IS 0.00126 AT (476186.94, 3743326.48, 475.43,
475.43, 0.00) DC
9TH HIGHEST VALUE IS 0.00119 AT (476197.76, 3742996.08, 483.07,
483.07, 0.00) DC
10TH HIGHEST VALUE IS 0.00118 AT (476658.73, 3743398.51, 465.41,
465.41, 0.00) DC

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

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14198 Rider and
Patterson\14198 *** 11/15/22
*** AERMET - VERSION 16216 ***
*** 09:16:39

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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 1740 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1740 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

*** AERMOD Finishes Successfully ***

APPENDIX 2.4:
RISK CALCULATIONS

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Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Construction Activity

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00803	8.03E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.2E-06	1.4E-06	5.0E+00	1.4E-03	1.6E-03					
TOTAL							1.4E-06			1.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

1.41

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	260
exposure duration (years)	1.51
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 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)
	0.00165	1.65E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.1E-07	3.9E-07	5.0E+00	1.4E-03	3.3E-04					
TOTAL					3.9E-07				3.3E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

0.39

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	13.23
inhalation rate (L/kg-day)	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72
age sensitivity factor (ages 2 to 16 years)	3

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00165			1.65E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.1E-07	6.3E-08	5.0E+00	1.4E-03	3.3E-04				
TOTAL					6.3E-08				3.3E-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	

0.06

** 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) 1.87

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)
	0.00174	1.74E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.0E-07	1.9E-08	5.0E+00	1.4E-03	3.5E-04					
TOTAL							1.9E-08			3.5E-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)
	0.00174	1.74E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	4.6E-07	5.0E+00	1.4E-03	3.5E-04					
TOTAL					4.6E-07				3.5E-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)
	0.00174	1.74E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-07	4.3E-07	5.0E+00	1.4E-03	3.5E-04					
TOTAL					4.3E-07				3.5E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (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)
		0.00174			1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-07	6.7E-08	5.0E+00	1.4E-03	3.5E-04				
TOTAL					6.7E-08				3.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.07

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

Total Risk for All Age Bins (per million) 0.98

**Table 6
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
9-Year School Child Exposure Scenario**

	Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**											
		(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)		
1	Diesel Particulates	8.10E-04	8.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-07	9.3E-08	5.0E+00	1.4E-03	1.6E-04									
TOTAL									9.3E-08 0.09			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	0.0E+00

** Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

RESP	Respiratory System	exposure frequency (days/year)	180
CNS/PNS	Central/Peripheral Nervous System	exposure duration (years)	9
CV/BL	Cardiovascular/Blood System	inhalation rate (L/kg-day)	572
IMMUN	Immune System	inhalation absorption factor	1
KIDN	Kidney	averaging time (years)	70
GI/LV	Gastrointestinal System/Liver	age sensitivity factor (ages 4-13)	3
REPRO	Reproductive System (e.g. teratogenic and developmental effects)		
EYES	Eye irritation and/or other effects		