Patterson & Harvill Warehouse (PPT220026)

MOBILE SOURCE HEALTH RISK ASSESSMENT

COUNTY OF RIVERSIDE

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LIST OF ABBREVIATED TERMS

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

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EXECUTIVE SUMMARY

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

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R1 which is located approximately 316 feet northwest of the Project site at an existing residence located at 19543 Patterson Avenue. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 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. Although Location R4 is located closer to the Project site, due to meteorological conditions in the Project vicinity and the location of construction activities, it would experience lower concentrations of DPM during Project construction and therefore less risk than the MEIR identified herein. It should be noted that off-site improvements along Patterson Avenue may result in construction activities within a few feet of existing residences. However, because such activity is only expected to occur on an intermittent basis over a period of approximately 3 weeks, no additional health risk impacts would be expected to occur. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R1 which is located approximately 316 feet northwest of the Project site at an existing residence located at 19543 Patterson Avenue. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.58 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. Although Location R4 is located closer to the Project site, due to meteorological conditions in the Project vicinity and the configuration of truck travel routes, it would experience lower concentrations of DPM during Project operations 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 Scenario[1]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R5, which represents the potential worker receptor located approximately 265 feet northeast of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.05 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

The nearest school is Val Verde High School, located approximately 1,400 feet northeast of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.02 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 1.69 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. Although Location R4 is located closer to the Project site, due to meteorological conditions in the Project vicinity and the locations of Project construction activity and operational truck travel routes, it would experience lower concentrations of DPM during Project construction and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would

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.

experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
0.93 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	0.58	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.05	10	NO
9 Year Exposure	Maximum Exposed Individual School Child	0.02	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	1.69	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

1 INTRODUCTION

This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

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

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

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

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

1.1 SITE LOCATION

The Patterson & Harvill Warehouse Project is located between Old Cajalco Road and Rider Street between Patterson Avenue and Harvill Avenue in the County of Riverside as shown on Exhibit 1-A. The 4.79-acre property is located between Patterson Avenue and Harvill Avenue, approximately 0.1-mile south of Cajalco Road. The Project site encompasses Assessor's Parcel

Number (APN) 317-160-037. The Project site occurs within Section 12, Township 4 South, Range 4 West, San Bernardino Baseline and Meridian.

1.2 PROJECT DESCRIPTION

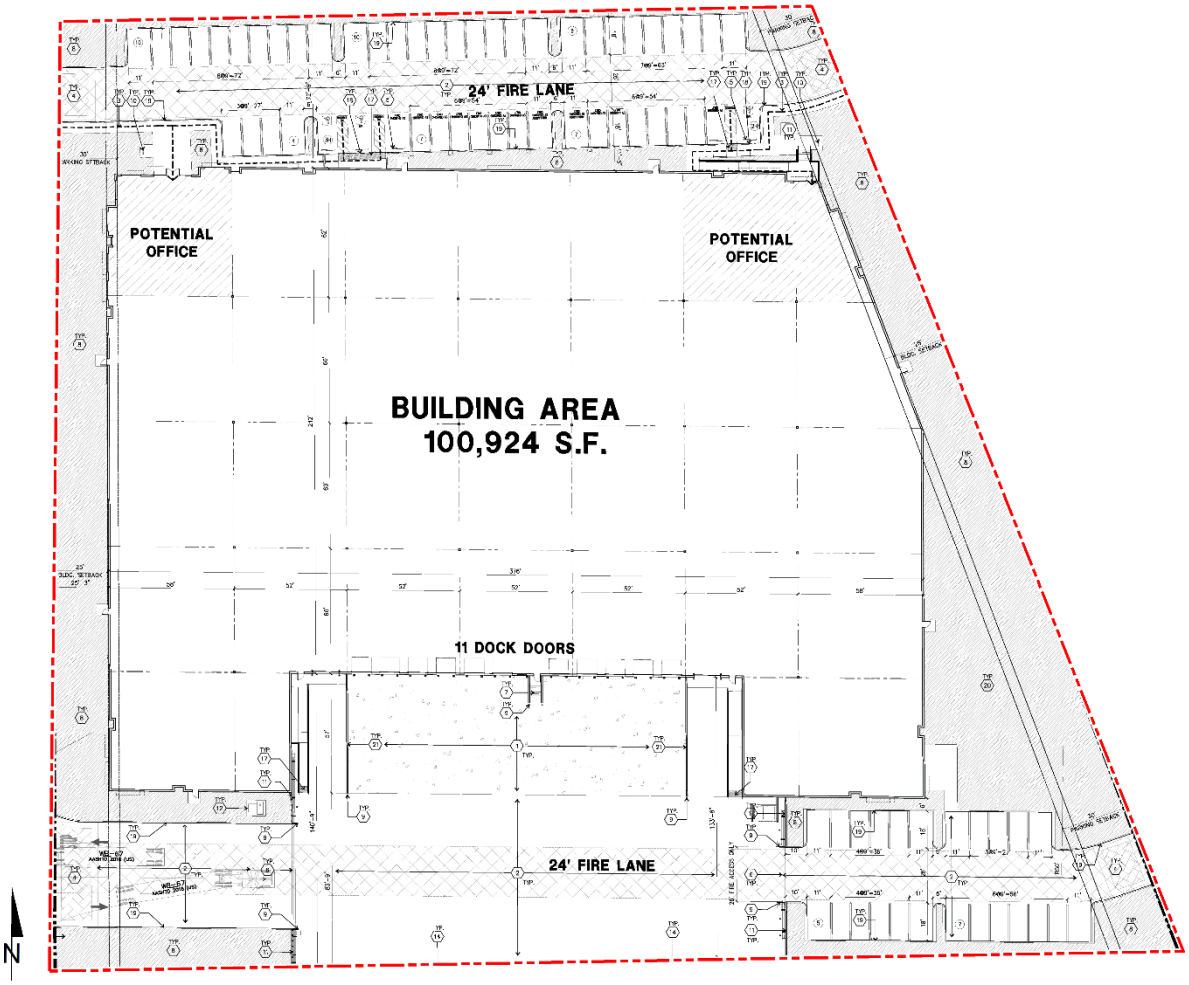
A preliminary site plan for the proposed Project is shown on Exhibit 1-B. The Project consists of an application for a Plot Plan (PPT 220026) to allow for development of the 4.79-acre Project site with a 100,924 square-foot (s.f.) warehouse building. The proposed 100,094 s.f. building would consist of 93,924 s.f. of warehouse space, a 3,500 s.f. office on the ground floor, and a 3,500 s.f. mezzanine level office on the second floor. For purposes of analysis, it is assumed that 20% of the building area (20,185 s.f.) could consist of high-cube (cold storage) warehouse use, with the remaining 80% of the building (80,739 s.f.) consisting of general warehousing. The proposed office spaces would occur at the northwest and/or northeast corner of the building, with the remaining portions of the building consisting of the proposed warehouse uses.

Truck docking doors are proposed along central portion of the southern building façade. Access to the truck court would be controlled by gates and an 8-foot-tall tubular steel fence would secure the truck court. A total of 76 parking spaces for passenger vehicles and vans would be accommodated on the site, with most of the proposed parking occurring in the northern portions of the site along with a parking area in the southeastern portion of the site. Access to the Project site is proposed from two driveways connecting with Patterson Avenue and two driveways connecting with Harvill Avenue. The southerly driveway connecting with Patterson Avenue would serve trucks, and trucks would be confined to the southern portion of the Project site. The other three driveways would serve passenger vehicles and emergency vehicles only. The Project design provides for 24-foot-wide fire access lanes along the northern and southern sides of the building. The Project also includes the widening of and improvements to Patterson Avenue and the installation of utility improvements in Patterson Avenue and Harvill Avenue.

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 µg/m3 is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body (95% higher than the average population).
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.[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 *Patterson & Harvill Warehouse Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (3)

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

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

[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.

Harvill Avenue between the Project site and Cajalco Road, adjacent to which there are no sensitive receptors. The physical constraints would limit the amount of construction equipment that could be used, and any off-site and utility infrastructure construction would not use equipment totals that would exceed the equipment totals on Table 2-2. Because off-site construction activity would be located near existing homes on Patterson Avenue on an intermittent basis for no more than 3 weeks, no health risk impacts beyond what has already been identified in this report are expected to occur.

As discussed in the technical study, the Project would result in approximately 243 total working-days of construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Working Days
Site Preparation	05/01/2023	05/05/2023	5
Grading	05/06/2023	05/17/2023	8
Building Construction	05/18/2023	04/03/2024	230
Paving/Roadway Construction	03/09/2024	04/03/2024	18
Architectural Coating	02/14/2024	04/03/2024	36

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

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

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



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 10µm in diameter (PM_{10}) 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 PM_{10} emission factors were generated by running EMFAC 2021 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

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

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

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

accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM_{10} 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):

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

Where:

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

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

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM_{10} emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (5):

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

60 minutes per hour / seconds per day

Where:

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

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

TABLE 2-3: 2024 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.16841 (g/idle-hr)
5	0.03055 (g/s)
25	0.01353 (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 ¾ 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

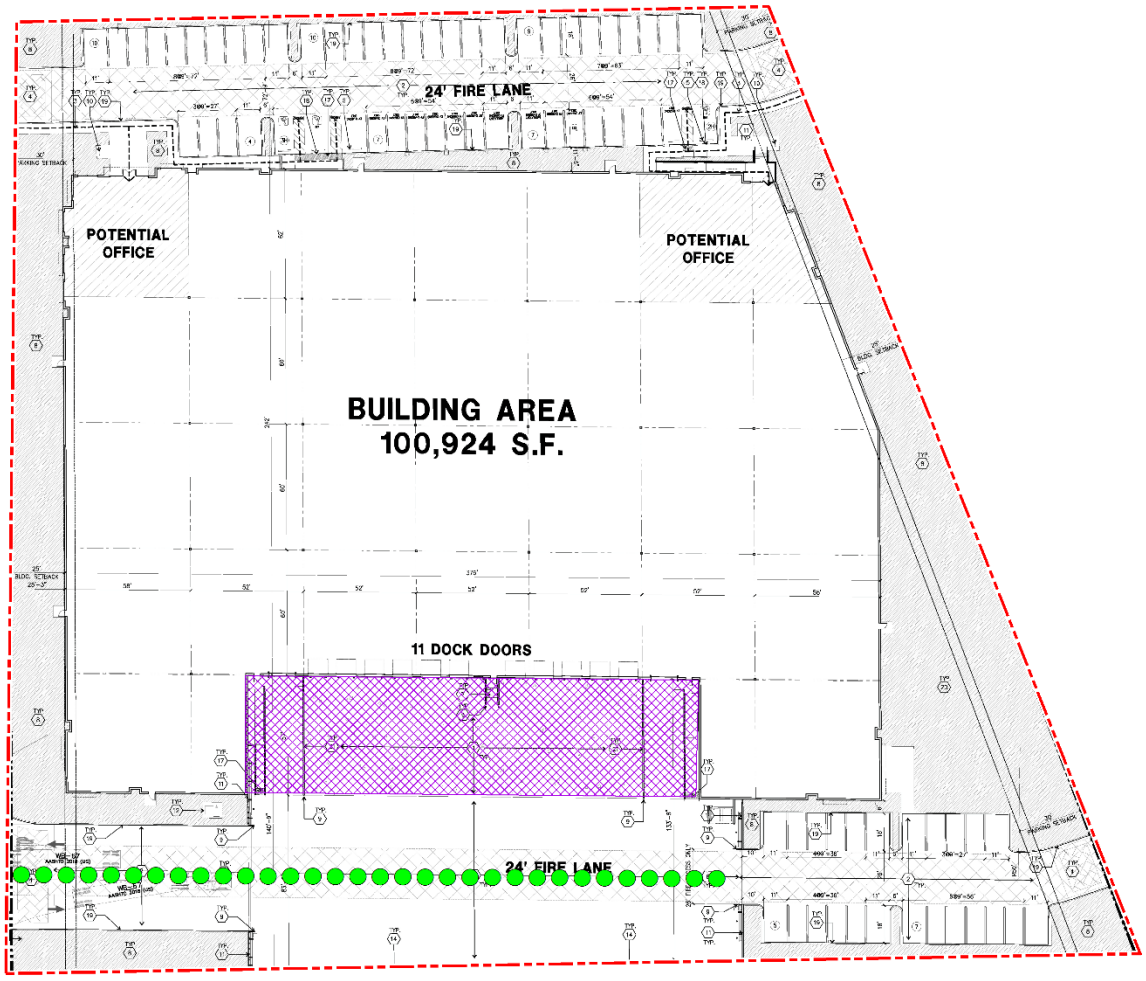

EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



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

Truck Emission Rates						
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling	32			0.1684	2.14	2.481E-05
On-Site Travel	64	4.16	0.0306		0.17	1.948E-06
Off-Site Travel - Patterson Avenue 60% Inbound/Outbound	38	20.20	0.0135		0.31	3.630E-06
Off-Site Travel - Harvill Avenue 60% Inbound/Outbound	38	35.07	0.0135		0.54	6.302E-06
Off-Site Travel - Patterson Avenue 40% Inbound/Outbound	26	6.47	0.0135		0.10	1.162E-06
Off-Site Travel - Harvill Avenue 40% Inbound/Outbound	26	19.10	0.0135		0.30	3.431E-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 and each TRU operates for 30 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 *Patterson & Harvill Warehouse Traffic Analysis* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 182 actual vehicular trips-ends per day (91 vehicles inbound + 91 vehicles outbound) which includes 118 passenger vehicle trips (59 passenger vehicles inbound + 59 passenger vehicles outbound) and 64 two-way truck trips (32 trucks inbound per day + 32 trucks outbound) per day (8).

2.3.2 TRU

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use are assumed to also have TRUs. For modeling purposes, 16 two-way truck trips during have been estimated to include TRUs (e.g., all truck trips that would be associated with up to 20,185-sf of high-cube cold storage use, as summarized in the Patterson & Harvill Warehouse (PPT220026) Traffic Analysis (9)). TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on EMissions FACtor Model version 2021 (EMFAC2021), developed by the CARB. EMFAC2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operations. Emissions from TRUs are assumed to occur during idling, on-site and off-site activities. It was assumed that TRUs would operate for 30 minutes while parked at the loading docks. In order to account for on- and off-site travel, the TRU gram per second emission rate was divided by 5 and 25, respectively, in order to account for travel speeds of 5 and 25 miles per hour.

2.4 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1). The Environmental Protection Agency's (U.S. EPA's) AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 11.2.0) was used to calculate annual average particulate concentrations associated with site operations.

Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 22112 (10).

It should be noted that although CARB recommends use of the Hotspots Analysis and Reporting Program Version 2 (HARP2) to calculate exposure risks, because this analysis utilizes identical calculation methodologies, model parameters, exposure assumptions, chemical RELs and cancer potency factors consistent with SCAQMD, CARB, and OEHHA guidance, it is expected that the results of this analysis would be identical to those obtained from the HARP2 model. The AERMOD model offers additional flexibility by allowing the user to assign an initial release height and vertical dispersion parameters for mobile sources representative of a roadway. For this HRA, the roadways were modeled as adjacent volume sources. Roadways were modeled using the U.S. EPA's haul route methodology for modeling of on-site and off-site truck movement. More specifically, the Haul Road Volume Source Calculator in Lakes AERMOD View has been utilized to determine the release height parameters. Based on the US EPA methodology, the Project's modeled sources would result in a release height of 3.49 meters and an initial lateral dimension of 4.0 meters, and an initial vertical dimension of 3.25 meters.

Model parameters are presented in Table 2-5 (11). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Perris monitoring station was used to represent local weather conditions and prevailing winds (12).

TABLE 2-5: AERMOD MODEL PARAMETERS

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

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

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

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

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

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

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-9 summarize the Exposure Parameters for Residents, Workers, and School Children based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

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

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

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

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

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

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

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

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

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

2.5 CARCINOGENIC CHEMICAL RISK

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

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

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

Where:

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

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

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

A = inhalation absorption factor

EF = exposure frequency (days/365 days)

BW = body weight (kg)

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

RISKair = DOSEair x CPF x ED/AT

Where:

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

CPF = cancer potency factor

ED = number of years within particular age group

AT = averaging time

2.6 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 $\mu g/m^3$ (14).

The non-cancer hazard index was calculated as follows:

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

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

Where:

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

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

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

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

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R1 which is located approximately 316 feet northwest of the Project site at an existing residence located at 19543 Patterson Avenue. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable

to Project construction-source DPM emissions is estimated at 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. Although Location R4 is located closer to the Project site, due to meteorological conditions in the Project vicinity and the location of construction activities, it would experience lower concentrations of DPM during Project construction and therefore less risk than the MEIR identified herein. It should be noted that off-site improvements along Patterson Avenue may result in construction activities within a few feet of existing residences. However, because such activity is only expected to occur on an intermittent basis over a period of approximately 3 weeks, no additional health risk impacts would be expected to occur. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R1 which is located approximately 316 feet northwest of the Project site at an existing residence located at 19543 Patterson Avenue. R1 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.58 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. Although Location R4 is located closer to the Project site, due to meteorological conditions in the Project vicinity and the configuration of truck travel routes, it would experience lower concentrations of DPM during Project construction 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 Scenario[3]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R5, which represents the potential worker receptor located approximately 265 feet northeast of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.05 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be

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.

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

School Child Exposure Scenario:

The nearest school is Val Verde High School, located approximately 1,400 feet northeast of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.02 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 1.69 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. Although Location R4 is located closer to the Project site, due to meteorological conditions in the Project vicinity and the locations of Project construction activity and operational truck travel routes, it would experience lower concentrations of DPM during Project construction and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

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

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EDUCATION

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

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

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013
Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
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APPENDIX 2.1:

CALEEMOD OUTPUTS

Patterson & Harvill (Construction) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Patterson & Harvill (Construction)
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	9.00
Location	33.83606120513688, -117.25194418388583
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	80.7	1000sqft	2.61	80,739	33,092	0.00	—	—
Refrigerated Warehouse-No Rail	20.2	1000sqft	0.46	20,185	0.00	0.00	—	—

Parking Lot	76.0	Space	0.29	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	52.1	1000sqft	1.20	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.36	15.2	23.0	38.8	0.06	0.49	5.90	6.00	0.46	2.74	2.85	—	8,711	8,711	0.28	0.88	12.2	8,993
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.34	15.1	23.2	37.3	0.06	0.49	1.30	1.79	0.46	0.32	0.78	—	7,220	7,220	0.28	0.25	0.20	7,301
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.33	1.51	5.57	9.90	0.02	0.08	0.47	0.55	0.07	0.14	0.22	—	2,012	2,012	0.08	0.07	0.92	2,037
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.06	0.28	1.02	1.81	< 0.005	0.01	0.09	0.10	0.01	0.03	0.04	—	333	333	0.01	0.01	0.15	337

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.78	0.77	17.2	31.6	0.06	0.22	5.90	6.00	0.22	2.74	2.85	—	8,711	8,711	0.24	0.88	12.2	8,993
2024	1.36	15.2	23.0	38.8	0.06	0.49	1.30	1.79	0.46	0.32	0.78	—	7,307	7,307	0.28	0.25	7.53	7,396
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.68	0.65	11.1	20.0	0.03	0.16	0.70	0.85	0.15	0.17	0.32	—	3,898	3,898	0.15	0.12	0.11	3,938
2024	1.34	15.1	23.2	37.3	0.06	0.49	1.30	1.79	0.46	0.32	0.78	—	7,220	7,220	0.28	0.25	0.20	7,301
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.33	0.31	5.57	9.90	0.02	0.08	0.47	0.55	0.07	0.14	0.22	—	2,012	2,012	0.08	0.07	0.92	2,037
2024	0.16	1.51	2.71	4.62	0.01	0.05	0.16	0.21	0.05	0.04	0.09	—	894	894	0.03	0.03	0.40	904
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.06	0.06	1.02	1.81	< 0.005	0.01	0.09	0.10	0.01	0.03	0.04	—	333	333	0.01	0.01	0.15	337
2024	0.03	0.28	0.49	0.84	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	148	148	0.01	< 0.005	0.07	150

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.68	15.7	30.0	0.05	0.10	—	0.10	0.10	—	0.10	—	5,530	5,530	0.22	0.04	—	5,549

Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.21	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	75.8	75.8	< 0.005	< 0.005	—	76.0
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.5	12.5	< 0.005	< 0.005	—	12.6
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.09	1.59	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	257	257	0.01	0.01	1.10	261
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	0.09	32.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.28	3.28	< 0.005	< 0.005	0.01	3.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	0.55
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2023) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	11.0	19.0	0.03	0.12	—	0.12	0.12	—	0.12	—	3,134	3,134	0.13	0.03	—	3,144
Dust From Material Movement	—	—	—	—	—	—	2.26	2.26	—	0.94	0.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.24	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	68.7	68.7	< 0.005	< 0.005	—	68.9
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.4	11.4	< 0.005	< 0.005	—	11.4
Dust From Material Movement	—	—	—	—	—	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.36	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	220	220	0.01	0.01	0.94	224
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	0.09	32.9
Hauling	0.22	0.08	6.10	1.46	0.03	0.10	1.36	1.46	0.10	0.38	0.48	—	5,326	5,326	0.10	0.85	11.2	5,591
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.49	4.49	< 0.005	< 0.005	0.01	4.56
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.72

Hauling	< 0.005	< 0.005	0.14	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	117	117	< 0.005	0.02	0.11	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.74	0.74	< 0.005	< 0.005	< 0.005	0.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.02	20.3

3.5. Building Construction (2023) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	10.2	16.9	0.03	0.15	—	0.15	0.14	—	0.14	—	2,806	2,806	0.11	0.02	—	2,815
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	0.42	0.42	10.2	16.9	0.03	0.15	—	0.15	0.14	—	0.14	—	2,806	2,806	0.11	0.02	—	2,815
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	0.19	0.19	4.57	7.55	0.01	0.07	—	0.07	0.06	—	0.06	—	1,252	1,252	0.05	0.01	—	1,256
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	0.83	1.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	207	207	0.01	< 0.005	—	208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.23	0.22	3.84	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	623	623	0.03	0.02	2.67	632
Vendor	0.03	0.02	0.61	0.19	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	520	520	0.01	0.08	1.45	544
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.21	0.26	2.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	572	572	0.03	0.02	0.07	579
Vendor	0.03	0.01	0.64	0.19	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	520	520	0.01	0.08	0.04	543
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	0.10	0.09	0.12	1.36	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	259	259	0.01	0.01	0.51	262
Vendor	0.01	0.01	0.29	0.09	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	232	232	< 0.005	0.03	0.28	243
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	42.8	42.8	< 0.005	< 0.005	0.08	43.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.4	38.4	< 0.005	0.01	0.05	40.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	10.2	16.9	0.03	0.15	—	0.15	0.14	—	0.14	—	2,805	2,805	0.11	0.02	—	2,815
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	0.42	0.42	10.2	16.9	0.03	0.15	—	0.15	0.14	—	0.14	—	2,805	2,805	0.11	0.02	—	2,815
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	0.08	0.08	1.88	3.11	< 0.005	0.03	—	0.03	0.03	—	0.03	—	516	516	0.02	< 0.005	—	518
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	0.34	0.57	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	85.4	85.4	< 0.005	< 0.005	—	85.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.22	0.20	3.54	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	610	610	0.03	0.02	2.42	619
Vendor	0.02	0.02	0.58	0.18	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	514	514	0.01	0.08	1.45	538
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	0.23	0.20	0.24	2.68	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	561	561	0.03	0.02	0.06	568
Vendor	0.02	0.01	0.61	0.19	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	514	514	0.01	0.08	0.04	537
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	104	104	< 0.005	< 0.005	0.19	106
Vendor	< 0.005	< 0.005	0.11	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	94.5	94.5	< 0.005	0.01	0.11	98.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.03	17.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.6	15.6	< 0.005	< 0.005	0.02	16.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	9.70	13.9	0.02	0.23	—	0.23	0.22	—	0.22	—	2,097	2,097	0.09	0.02	—	2,105
Paving	—	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.40	0.40	9.70	13.9	0.02	0.23	—	0.23	0.22	—	0.22	—	2,097	2,097	0.09	0.02	—	2,105
Paving	—	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.48	0.69	< 0.005	0.01	—	0.01	0.01	—	0.01	—	103	103	< 0.005	< 0.005	—	104
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.12	2.09	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	360	360	0.02	0.01	1.43	365
Vendor	0.03	0.02	0.70	0.22	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	621	621	0.01	0.09	1.75	651
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.58	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	331	331	0.02	0.01	0.04	335

Vendor	0.03	0.02	0.74	0.22	< 0.005	0.01	0.17	0.18	0.01	0.05	0.06	—	621	621	0.01	0.09	0.05	650
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	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.6	30.6	< 0.005	< 0.005	0.04	32.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.07	5.07	< 0.005	< 0.005	0.01	5.31
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.45	1.28	< 0.005	0.09	—	0.09	0.08	—	0.08	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	13.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.07	0.07	1.45	1.28	< 0.005	0.09	—	0.09	0.08	—	0.08	—	178	178	0.01	< 0.005	—	179

Architect Coatings	—	13.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.14	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.6	17.6	< 0.005	< 0.005	—	17.6
Architectural Coatings	—	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.91	2.91	< 0.005	< 0.005	—	2.92
Architectural Coatings	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.71	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	122	122	0.01	< 0.005	0.48	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.54	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	112	112	0.01	< 0.005	0.01	114
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.85	1.85	< 0.005	< 0.005	< 0.005	1.88
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Site Preparation	Site Preparation	5/1/2023	5/5/2023	5.00	5.00	—
Grading	Grading	5/6/2023	5/17/2023	5.00	8.00	—

Building Construction	Building Construction	5/18/2023	4/3/2024	5.00	230	—
Paving	Paving	3/9/2024	4/3/2024	5.00	18.0	—
Architectural Coating	Architectural Coating	2/14/2024	4/3/2024	5.00	36.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 3	1.00	8.00	36.0	0.38
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Tier 3	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 3	2.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	3.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 3	3.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Tier 3	1.00	8.00	37.0	0.48
Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	4.00	8.00	87.0	0.43
Grading	Crawler Tractors	Diesel	Tier 4 Interim	3.00	8.00	87.0	0.43
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	3.00	8.00	87.0	0.43
Paving	Crawler Tractors	Diesel	Tier 4 Interim	1.00	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
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	1.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	0.00	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	1.00	10.2	HHDT,MHDT
Grading	Hauling	75.0	20.0	HHDT
Grading	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	42.4	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	16.5	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	0.00	HHDT
Paving	—	—	—	—
Paving	Worker	25.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	20.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	0.00	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.48	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT

Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	151,386	50,462	4,911

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	17.5	0.00	—
Grading	0.00	4,800	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	1.49

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt

Unrefrigerated Warehouse-No Rail	0.00	0%
Refrigerated Warehouse-No Rail	0.00	0%
Parking Lot	0.29	100%
Other Asphalt Surfaces	1.20	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

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 ¾ 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 Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	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 Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	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 4.56 acres
Construction: Construction Phases	Construction anticipated to end in 2024
Construction: Off-Road Equipment	Construction equipment based coordination with the Project team. Paving activity includes additional equipment from road realignment.
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Site Preparation, Grading, and Building Construction. Vendor trip for Paving include asphalt trucks.
Construction: Architectural Coatings	Rule 1113

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APPENDIX 2.2:

EMFAC EMISSIONS SUMMARY

AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2024

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

Speed	**Weighted Average Emissions**
0	**0.16841**
5	**0.03055**
25	**0.01353**

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	32			0.1684	2.14	2.481E-05
On-Site Travel	64	4.16	0.0306		0.17	1.948E-06
Off-Site Travel - Patterson Avenue 60% Inbound/Outbound	38	20.20	0.0135		0.31	3.630E-06
Off-Site Travel - Harvill Avenue 60% Inbound/Outbound	38	35.07	0.0135		0.54	6.302E-06
Off-Site Travel - Patterson Avenue 40% Inbound/Outbound	26	6.47	0.0135		0.10	1.162E-06
Off-Site Travel - Harvill Avenue 40% Inbound/Outbound	26	19.10	0.0135		0.30	3.431E-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 and each TRU operates for 30 minutes.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2024	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	5	PM10	0.012665
2024	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	25	PM10	0.006524
2024	Annual	Riverside (	HHDT	Dsl			IDLEX		PM10	0.013354
2024	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.105382
2024	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.048204
2024	Annual	Riverside (	LHDT1	Dsl			IDLEX		PM10	0.789975
2024	Annual	Riverside (	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.094294
2024	Annual	Riverside (	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.045068
2024	Annual	Riverside (	LHDT2	Dsl			IDLEX		PM10	0.789487
2024	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	5	PM10	0.040436
2024	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	25	PM10	0.010537
2024	Annual	Riverside (	MHDT	Dsl			IDLEX		PM10	0.068154

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar `	Vehicle Ca	Model Yea	Speed	Fuel	Population
Riverside (	2024	HHDT	Aggregate	Aggregate	Gasoline	7.58948
Riverside (	2024	HHDT	Aggregate	Aggregate	Diesel	14792
Riverside (	2024	HHDT	Aggregate	Aggregate	Natural Ga	740.071
Riverside (	2024	LHDT1	Aggregate	Aggregate	Gasoline	17828.7
Riverside (	2024	LHDT1	Aggregate	Aggregate	Diesel	15247.6
Riverside (	2024	LHDT2	Aggregate	Aggregate	Gasoline	2494.68
Riverside (	2024	LHDT2	Aggregate	Aggregate	Diesel	6844.93
Riverside (	2024	MHDT	Aggregate	Aggregate	Gasoline	1238
Riverside (	2024	MHDT	Aggregate	Aggregate	Diesel	12954.4
Riverside (	2024	MHDT	Aggregate	Aggregate	Natural Ga	158.047

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

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Site Preparation	0.10	5	0.5	0.1	0.0125
Exhaust PM-10	Grading	0.12	8	0.96	0.12	0.015
	Building Construction	0.15	230	34.5	0.15	0.01875
	Paving	0.23	18	4.14	0.23	0.02875
	Architectural Coating	0.09	36	3.24	0.09	0.01125
		0.69	243	43.34	0.178353909	0.022294239
Off-Site	Site Preparation	5.00E-03	5	0.025	0.005	0.000625
Exhaust PM-10	Grading	1.05E-01	8	0.84	0.105	0.013125
	Building Construction	1.00E-02	230	2.3	0.01	0.00125
	Paving	1.00E-02	18	0.18	0.01	0.00125
	Architectural Coating	0.00E+00	36	0	0	0
		1.30E-01	243	3.345	0.013765432	0.001720679

Phase	Start Date	End Date	No. Days
Site Preparation	5/1/2023	5/5/2023	5
Grading	5/6/2023	5/17/2023	8
Building Construction	5/18/2023	4/3/2024	230
Paving	3/9/2024	4/3/2024	18
Architectural Coating	2/14/2024	4/3/2024	36
		Total Days of Construction	**243**

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APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/7/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Cons\14443 Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14443 Cons.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     476649.420  3743960.390      462.010
   LOCATION VOL2         VOLUME     476697.367  3743962.038      460.890
   LOCATION VOL3         VOLUME     476714.569  3743962.587      460.660
   LOCATION VOL4         VOLUME     476650.333  3743912.626      461.980
   LOCATION VOL5         VOLUME     476697.367  3743914.639      460.780
   LOCATION VOL6         VOLUME     476744.400  3743914.639      459.850
   LOCATION VOL7         VOLUME     476650.333  3743869.436      461.110
   LOCATION VOL8         VOLUME     476697.916  3743869.436      460.400
   LOCATION VOL9         VOLUME     476745.681  3743872.181      459.810
   LOCATION VOL10        VOLUME     476761.419  3743872.913      459.280
   LOCATION VOL11        VOLUME     476725.001  3743962.587      460.390
** ------------------------------------------------------------------
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** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0002168019
** Vertical Dimension = 6.99
** SZINIT = 3.25
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   LOCATION L0001005     VOLUME   476618.305 3743876.532 462.02
   LOCATION L0001006     VOLUME   476618.333 3743885.121 462.03
   LOCATION L0001007     VOLUME   476618.362 3743893.711 462.05
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```
   LOCATION L0001008     VOLUME   476618.390 3743902.301 462.24
   LOCATION L0001009     VOLUME   476618.418 3743910.891 462.51
   LOCATION L0001010     VOLUME   476618.447 3743919.481 462.79
   LOCATION L0001011     VOLUME   476618.475 3743928.071 463.00
   LOCATION L0001012     VOLUME   476618.503 3743936.661 463.00
   LOCATION L0001013     VOLUME   476618.531 3743945.251 463.00
   LOCATION L0001014     VOLUME   476618.560 3743953.841 463.00
   LOCATION L0001015     VOLUME   476618.588 3743962.431 462.80
   LOCATION L0001016     VOLUME   476618.616 3743971.021 462.53
   LOCATION L0001017     VOLUME   476618.645 3743979.611 462.25
   LOCATION L0001018     VOLUME   476618.673 3743988.201 462.04
   LOCATION L0001019     VOLUME   476618.701 3743996.791 462.02
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   LOCATION L0001035     VOLUME   476619.154 3744134.230 461.09
   LOCATION L0001036     VOLUME   476619.182 3744142.820 461.02
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** 476680.655, 3744357.924, 459.15, 3.49, 6.51
** 476657.510, 3744382.120, 459.87, 3.49, 6.51
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** 476546.697, 3744474.698, 461.06, 3.49, 6.51
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   LOCATION L0001084     VOLUME   476465.351 3744531.701 462.00
   LOCATION L0001085     VOLUME   476453.885 3744539.736 462.00
   LOCATION L0001086     VOLUME   476442.420 3744547.770 462.00
   LOCATION L0001087     VOLUME   476430.955 3744555.804 462.00
   LOCATION L0001088     VOLUME   476419.490 3744563.838 462.00
   LOCATION L0001089     VOLUME   476408.024 3744571.872 462.06
   LOCATION L0001090     VOLUME   476396.559 3744579.906 462.44
   LOCATION L0001091     VOLUME   476385.094 3744587.941 462.82
   LOCATION L0001092     VOLUME   476373.629 3744595.975 463.00
   LOCATION L0001093     VOLUME   476362.163 3744604.009 463.00
   LOCATION L0001094     VOLUME   476363.533 3744613.973 463.00
   LOCATION L0001095     VOLUME   476372.129 3744625.024 462.78
   LOCATION L0001096     VOLUME   476380.724 3744636.075 462.33
   LOCATION L0001097     VOLUME   476389.444 3744647.023 462.00
   LOCATION L0001098     VOLUME   476398.627 3744657.591 462.00
   LOCATION L0001099     VOLUME   476407.811 3744668.158 462.00
   LOCATION L0001100     VOLUME   476416.994 3744678.725 461.76
   LOCATION L0001101     VOLUME   476426.178 3744689.292 461.46
   LOCATION L0001102     VOLUME   476435.361 3744699.859 461.15
   LOCATION L0001103     VOLUME   476446.047 3744708.742 460.81
   LOCATION L0001104     VOLUME   476457.587 3744716.668 460.62
   LOCATION L0001105     VOLUME   476469.128 3744724.594 460.62
   LOCATION L0001106     VOLUME   476480.668 3744732.521 460.56
   LOCATION L0001107     VOLUME   476492.208 3744740.447 460.22
   LOCATION L0001108     VOLUME   476503.821 3744748.257 460.00
   LOCATION L0001109     VOLUME   476516.033 3744755.102 460.00
   LOCATION L0001110     VOLUME   476528.245 3744761.947 460.00
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   LOCATION L0001111     VOLUME   476540.458 3744768.792 459.65
   LOCATION L0001112     VOLUME   476552.670 3744775.637 459.24
   LOCATION L0001113     VOLUME   476565.308 3744781.608 458.82
   LOCATION L0001114     VOLUME   476578.232 3744786.992 458.39
   LOCATION L0001115     VOLUME   476591.155 3744792.377 458.00
   LOCATION L0001116     VOLUME   476604.082 3744797.750 458.00
   LOCATION L0001117     VOLUME   476617.259 3744802.481 458.00
   LOCATION L0001118     VOLUME   476630.435 3744807.211 457.87
   LOCATION L0001119     VOLUME   476643.612 3744811.941 457.58
   LOCATION L0001120     VOLUME   476656.789 3744816.671 457.24
   LOCATION L0001121     VOLUME   476669.966 3744821.401 457.05
   LOCATION L0001122     VOLUME   476683.112 3744826.215 457.00
   LOCATION L0001123     VOLUME   476696.252 3744831.047 457.00
   LOCATION L0001124     VOLUME   476709.391 3744835.879 457.00
   LOCATION L0001125     VOLUME   476722.531 3744840.711 457.00
   LOCATION L0001126     VOLUME   476735.671 3744845.543 457.00
   LOCATION L0001127     VOLUME   476748.811 3744850.375 457.00
   LOCATION L0001128     VOLUME   476761.950 3744855.207 457.00
   LOCATION L0001129     VOLUME   476775.090 3744860.038 457.00
   LOCATION L0001130     VOLUME   476788.230 3744864.870 457.00
   LOCATION L0001131     VOLUME   476801.370 3744869.702 456.00
   LOCATION L0001132     VOLUME   476814.509 3744874.534 456.00
   LOCATION L0001133     VOLUME   476827.649 3744879.366 456.00
   LOCATION L0001134     VOLUME   476840.789 3744884.198 456.00
   LOCATION L0001135     VOLUME   476853.928 3744889.030 456.00
** End of LINE VOLUME Source ID = SLINE2
** Source Parameters **
   SRCPARAM VOL1         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL2         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL3         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL4         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL5         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL6         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL7         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL8         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL9         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL10        0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL11        0.0002553661     5.000    11.065     1.400
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0001003     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001004     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001005     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001006     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001007     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001008     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001009     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001010     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001011     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001012     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001013     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001014     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001015     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001016     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001017     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001018     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001019     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001020     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001021     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001022     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001023     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001024     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001025     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001026     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001027     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001028     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001029     0.000004517      3.49      4.00      3.25
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   SRCPARAM L0001030     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001031     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001032     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001033     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001034     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001035     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001036     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001037     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001038     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001039     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001040     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001041     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001042     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001043     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001044     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001045     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001046     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001047     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001048     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001049     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001050     0.000004517      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001051     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001052     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001053     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001054     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001055     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001056     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001057     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001058     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001059     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001060     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001061     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001062     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001063     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001064     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001065     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001066     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001067     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001068     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001069     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001070     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001071     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001072     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001073     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001074     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001075     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001076     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001077     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001078     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001079     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001080     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001081     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001082     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001083     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001084     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001085     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001086     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001087     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001088     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001089     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001090     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001091     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001092     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001093     0.000002551      3.49      6.51      3.25
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   SRCPARAM L0001094     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001095     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001096     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001097     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001098     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001099     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001100     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001101     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001102     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001103     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001104     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001105     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001106     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001107     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001108     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001109     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001110     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001111     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001112     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001113     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001114     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001115     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001116     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001117     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001118     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001119     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001120     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001121     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001122     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001123     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001124     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001125     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001126     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001127     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001128     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001129     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001130     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001131     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001132     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001133     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001134     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001135     0.000002551      3.49      6.51      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 VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001008     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001009     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001011     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001013     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001014     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001015     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001016     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001017     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001018     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001019     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001020     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0001021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001022     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001022     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001023     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001023     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001024     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001025     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001025     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001026     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001026     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001027     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001027     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001028     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001028     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001029     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001029     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001030     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001031     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001032     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001033     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001034     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001035     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001036     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001037     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001041     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001041     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001042     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001042     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001043     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001043     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001044     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001044     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001045     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001045     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001046     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001046     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001047     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001047     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001048     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001048     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001049     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001049     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001050     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001050     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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EMISFACT L0001133     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "14443 Cons.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
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   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 "14443 CONS.AD\AN00GALL.PLT" 31
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OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/7/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Cons\14443 Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14443 Cons.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     476649.420  3743960.390      462.010
   LOCATION VOL2         VOLUME     476697.367  3743962.038      460.890
   LOCATION VOL3         VOLUME     476714.569  3743962.587      460.660
   LOCATION VOL4         VOLUME     476650.333  3743912.626      461.980
   LOCATION VOL5         VOLUME     476697.367  3743914.639      460.780
   LOCATION VOL6         VOLUME     476744.400  3743914.639      459.850
   LOCATION VOL7         VOLUME     476650.333  3743869.436      461.110
   LOCATION VOL8         VOLUME     476697.916  3743869.436      460.400
   LOCATION VOL9         VOLUME     476745.681  3743872.181      459.810
   LOCATION VOL10        VOLUME     476761.419  3743872.913      459.280
   LOCATION VOL11        VOLUME     476725.001  3743962.587      460.390
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** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0002168019
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 476618.234, 3743855.057, 461.70, 3.49, 4.00
** 476619.286, 3744174.521, 461.06, 3.49, 4.00
** 476716.423, 3744175.573, 459.85, 3.49, 4.00
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   LOCATION L0001003     VOLUME   476618.249 3743859.352 461.77
   LOCATION L0001004     VOLUME   476618.277 3743867.942 462.00
   LOCATION L0001005     VOLUME   476618.305 3743876.532 462.02
   LOCATION L0001006     VOLUME   476618.333 3743885.121 462.03
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   LOCATION L0001007     VOLUME   476618.362 3743893.711 462.05
   LOCATION L0001008     VOLUME   476618.390 3743902.301 462.24
   LOCATION L0001009     VOLUME   476618.418 3743910.891 462.51
   LOCATION L0001010     VOLUME   476618.447 3743919.481 462.79
   LOCATION L0001011     VOLUME   476618.475 3743928.071 463.00
   LOCATION L0001012     VOLUME   476618.503 3743936.661 463.00
   LOCATION L0001013     VOLUME   476618.531 3743945.251 463.00
   LOCATION L0001014     VOLUME   476618.560 3743953.841 463.00
   LOCATION L0001015     VOLUME   476618.588 3743962.431 462.80
   LOCATION L0001016     VOLUME   476618.616 3743971.021 462.53
   LOCATION L0001017     VOLUME   476618.645 3743979.611 462.25
   LOCATION L0001018     VOLUME   476618.673 3743988.201 462.04
   LOCATION L0001019     VOLUME   476618.701 3743996.791 462.02
   LOCATION L0001020     VOLUME   476618.729 3744005.381 462.01
   LOCATION L0001021     VOLUME   476618.758 3744013.971 462.00
   LOCATION L0001022     VOLUME   476618.786 3744022.561 462.00
   LOCATION L0001023     VOLUME   476618.814 3744031.151 462.00
   LOCATION L0001024     VOLUME   476618.843 3744039.741 462.00
   LOCATION L0001025     VOLUME   476618.871 3744048.331 462.00
   LOCATION L0001026     VOLUME   476618.899 3744056.921 462.00
   LOCATION L0001027     VOLUME   476618.927 3744065.510 462.00
   LOCATION L0001028     VOLUME   476618.956 3744074.100 462.00
   LOCATION L0001029     VOLUME   476618.984 3744082.690 462.00
   LOCATION L0001030     VOLUME   476619.012 3744091.280 462.00
   LOCATION L0001031     VOLUME   476619.041 3744099.870 462.00
   LOCATION L0001032     VOLUME   476619.069 3744108.460 461.93
   LOCATION L0001033     VOLUME   476619.097 3744117.050 461.65
   LOCATION L0001034     VOLUME   476619.126 3744125.640 461.37
   LOCATION L0001035     VOLUME   476619.154 3744134.230 461.09
   LOCATION L0001036     VOLUME   476619.182 3744142.820 461.02
   LOCATION L0001037     VOLUME   476619.210 3744151.410 461.02
   LOCATION L0001038     VOLUME   476619.239 3744160.000 461.02
   LOCATION L0001039     VOLUME   476619.267 3744168.590 461.02
   LOCATION L0001040     VOLUME   476621.945 3744174.550 461.00
   LOCATION L0001041     VOLUME   476630.535 3744174.643 461.00
   LOCATION L0001042     VOLUME   476639.124 3744174.736 461.00
   LOCATION L0001043     VOLUME   476647.714 3744174.829 461.00
   LOCATION L0001044     VOLUME   476656.303 3744174.922 460.78
   LOCATION L0001045     VOLUME   476664.893 3744175.015 460.50
   LOCATION L0001046     VOLUME   476673.482 3744175.108 460.21
   LOCATION L0001047     VOLUME   476682.072 3744175.201 460.00
   LOCATION L0001048     VOLUME   476690.661 3744175.294 460.00
   LOCATION L0001049     VOLUME   476699.251 3744175.387 460.00
   LOCATION L0001050     VOLUME   476707.840 3744175.480 460.00
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0002168019
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 16
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** 476712.917, 3744281.827, 458.99, 3.49, 6.51
** 476698.188, 3744326.012, 459.42, 3.49, 6.51
** 476680.655, 3744357.924, 459.15, 3.49, 6.51
** 476657.510, 3744382.120, 459.87, 3.49, 6.51
** 476624.547, 3744416.486, 459.87, 3.49, 6.51
** 476546.697, 3744474.698, 461.06, 3.49, 6.51
** 476358.034, 3744606.903, 463.00, 3.49, 6.51
** 476387.491, 3744644.776, 462.09, 3.49, 6.51
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** 476557.568, 3744778.383, 459.03, 3.49, 6.51
** 476603.857, 3744797.670, 458.05, 3.49, 6.51
** 476672.238, 3744822.217, 457.00, 3.49, 6.51
** 476859.148, 3744890.949, 456.00, 3.49, 6.51
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   LOCATION L0001052     VOLUME   476723.874 3744195.519 459.53
   LOCATION L0001053     VOLUME   476723.698 3744209.518 459.30
   LOCATION L0001054     VOLUME   476723.522 3744223.517 459.05
   LOCATION L0001055     VOLUME   476721.989 3744237.370 458.85
   LOCATION L0001056     VOLUME   476719.190 3744251.088 458.74
   LOCATION L0001057     VOLUME   476716.391 3744264.805 458.78
   LOCATION L0001058     VOLUME   476713.591 3744278.522 458.88
   LOCATION L0001059     VOLUME   476709.556 3744291.909 459.01
   LOCATION L0001060     VOLUME   476705.129 3744305.190 459.16
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   LOCATION L0001063     VOLUME   476688.532 3744343.586 459.06
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   LOCATION L0001068     VOLUME   476643.557 3744396.667 459.46
   LOCATION L0001069     VOLUME   476633.866 3744406.771 459.53
   LOCATION L0001070     VOLUME   476624.116 3744416.808 459.86
   LOCATION L0001071     VOLUME   476612.904 3744425.192 460.00
   LOCATION L0001072     VOLUME   476601.692 3744433.576 460.00
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   LOCATION L0001079     VOLUME   476522.677 3744491.530 461.24
   LOCATION L0001080     VOLUME   476511.212 3744499.565 461.55
   LOCATION L0001081     VOLUME   476499.746 3744507.599 461.62
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   LOCATION L0001096     VOLUME   476380.724 3744636.075 462.33
   LOCATION L0001097     VOLUME   476389.444 3744647.023 462.00
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   LOCATION L0001101     VOLUME   476426.178 3744689.292 461.46
   LOCATION L0001102     VOLUME   476435.361 3744699.859 461.15
   LOCATION L0001103     VOLUME   476446.047 3744708.742 460.81
   LOCATION L0001104     VOLUME   476457.587 3744716.668 460.62
   LOCATION L0001105     VOLUME   476469.128 3744724.594 460.62
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   LOCATION L0001119     VOLUME   476643.612 3744811.941 457.58
   LOCATION L0001120     VOLUME   476656.789 3744816.671 457.24
   LOCATION L0001121     VOLUME   476669.966 3744821.401 457.05
   LOCATION L0001122     VOLUME   476683.112 3744826.215 457.00
   LOCATION L0001123     VOLUME   476696.252 3744831.047 457.00
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   LOCATION L0001127     VOLUME   476748.811 3744850.375 457.00
   LOCATION L0001128     VOLUME   476761.950 3744855.207 457.00
   LOCATION L0001129     VOLUME   476775.090 3744860.038 457.00
   LOCATION L0001130     VOLUME   476788.230 3744864.870 457.00
   LOCATION L0001131     VOLUME   476801.370 3744869.702 456.00
   LOCATION L0001132     VOLUME   476814.509 3744874.534 456.00
   LOCATION L0001133     VOLUME   476827.649 3744879.366 456.00
   LOCATION L0001134     VOLUME   476840.789 3744884.198 456.00
   LOCATION L0001135     VOLUME   476853.928 3744889.030 456.00
** End of LINE VOLUME Source ID = SLINE2
** Source Parameters **
   SRCPARAM VOL1         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL2         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL3         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL4         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL5         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL6         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL7         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL8         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL9         0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL10        0.0002553661     5.000    11.065     1.400
   SRCPARAM VOL11        0.0002553661     5.000    11.065     1.400
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0001003     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001004     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001005     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001006     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001007     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001008     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001009     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001010     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001011     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001012     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001013     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001014     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001015     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001016     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001017     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001018     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001019     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001020     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001021     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001022     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001023     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001024     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001025     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001026     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001027     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001028     0.000004517      3.49      4.00      3.25
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   SRCPARAM L0001029     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001030     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001031     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001032     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001033     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001034     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001035     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001036     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001037     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001038     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001039     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001040     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001041     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001042     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001043     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001044     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001045     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001046     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001047     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001048     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001049     0.000004517      3.49      4.00      3.25
   SRCPARAM L0001050     0.000004517      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001051     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001052     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001053     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001054     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001055     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001056     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001057     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001058     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001059     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001060     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001061     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001062     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001063     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001064     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001065     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001066     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001067     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001068     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001069     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001070     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001071     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001072     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001073     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001074     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001075     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001076     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001077     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001078     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001079     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001080     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001081     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001082     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001083     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001084     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001085     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001086     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001087     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001088     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001089     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001090     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001091     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001092     0.000002551      3.49      6.51      3.25
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   SRCPARAM L0001093     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001094     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001095     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001096     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001097     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001098     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001099     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001100     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001101     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001102     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001103     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001104     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001105     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001106     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001107     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001108     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001109     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001110     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001111     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001112     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001113     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001114     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001115     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001116     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001117     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001118     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001119     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001120     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001121     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001122     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001123     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001124     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001125     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001126     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001127     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001128     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001129     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001130     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001131     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001132     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001133     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001134     0.000002551      3.49      6.51      3.25
   SRCPARAM L0001135     0.000002551      3.49      6.51      3.25
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   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 VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001008     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001009     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001011     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001013     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0001014     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0001015     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001016     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001017     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001032     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001033     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001037     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001047     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0001047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001048     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001050     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "14443 Cons.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE PERI_V9_ADJU\PERI_v9.SFC
   PROFFILE PERI_V9_ADJU\PERI_v9.PFL
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
```

```
   PLOTFILE ANNUAL ALL "14443 CONS.AD\AN00GALL.PLT" 31
   SUMMFILE "14443 Cons.sum"
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    2169       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2169       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       12:46:26

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   144 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:    144 Source(s);       1 Source Group(s); and      65 Receptor(s)

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

```
                and:    144 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

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

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

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

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

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14443
 Cons.err
 **File for Summary of Results:   14443
 Cons.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        12:46:26

                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

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

 VOL1             0   0.25537E-03  476649.4 3743960.4   462.0     5.00    11.07     1.40
 YES   HRDOW
 VOL2             0   0.25537E-03  476697.4 3743962.0   460.9     5.00    11.07     1.40
 YES   HRDOW
 VOL3             0   0.25537E-03  476714.6 3743962.6   460.7     5.00    11.07     1.40
 YES   HRDOW
```

```
VOL4            0   0.25537E-03  476650.3 3743912.6   462.0     5.00    11.07     1.40
YES   HRDOW
VOL5            0   0.25537E-03  476697.4 3743914.6   460.8     5.00    11.07     1.40
YES   HRDOW
VOL6            0   0.25537E-03  476744.4 3743914.6   459.9     5.00    11.07     1.40
YES   HRDOW
VOL7            0   0.25537E-03  476650.3 3743869.4   461.1     5.00    11.07     1.40
YES   HRDOW
VOL8            0   0.25537E-03  476697.9 3743869.4   460.4     5.00    11.07     1.40
YES   HRDOW
VOL9            0   0.25537E-03  476745.7 3743872.2   459.8     5.00    11.07     1.40
YES   HRDOW
VOL10           0   0.25537E-03  476761.4 3743872.9   459.3     5.00    11.07     1.40
YES   HRDOW
VOL11           0   0.25537E-03  476725.0 3743962.6   460.4     5.00    11.07     1.40
YES   HRDOW
L0001003        0   0.45170E-05  476618.2 3743859.4   461.8     3.49     4.00     3.25
YES   HRDOW
L0001004        0   0.45170E-05  476618.3 3743867.9   462.0     3.49     4.00     3.25
YES   HRDOW
L0001005        0   0.45170E-05  476618.3 3743876.5   462.0     3.49     4.00     3.25
YES   HRDOW
L0001006        0   0.45170E-05  476618.3 3743885.1   462.0     3.49     4.00     3.25
YES   HRDOW
L0001007        0   0.45170E-05  476618.4 3743893.7   462.1     3.49     4.00     3.25
YES   HRDOW
L0001008        0   0.45170E-05  476618.4 3743902.3   462.2     3.49     4.00     3.25
YES   HRDOW
L0001009        0   0.45170E-05  476618.4 3743910.9   462.5     3.49     4.00     3.25
YES   HRDOW
L0001010        0   0.45170E-05  476618.4 3743919.5   462.8     3.49     4.00     3.25
YES   HRDOW
L0001011        0   0.45170E-05  476618.5 3743928.1   463.0     3.49     4.00     3.25
YES   HRDOW
L0001012        0   0.45170E-05  476618.5 3743936.7   463.0     3.49     4.00     3.25
YES   HRDOW
L0001013        0   0.45170E-05  476618.5 3743945.3   463.0     3.49     4.00     3.25
YES   HRDOW
L0001014        0   0.45170E-05  476618.6 3743953.8   463.0     3.49     4.00     3.25
YES   HRDOW
L0001015        0   0.45170E-05  476618.6 3743962.4   462.8     3.49     4.00     3.25
YES   HRDOW
L0001016        0   0.45170E-05  476618.6 3743971.0   462.5     3.49     4.00     3.25
YES   HRDOW
L0001017        0   0.45170E-05  476618.6 3743979.6   462.2     3.49     4.00     3.25
YES   HRDOW
L0001018        0   0.45170E-05  476618.7 3743988.2   462.0     3.49     4.00     3.25
YES   HRDOW
L0001019        0   0.45170E-05  476618.7 3743996.8   462.0     3.49     4.00     3.25
YES   HRDOW
L0001020        0   0.45170E-05  476618.7 3744005.4   462.0     3.49     4.00     3.25
YES   HRDOW
L0001021        0   0.45170E-05  476618.8 3744014.0   462.0     3.49     4.00     3.25
YES   HRDOW
L0001022        0   0.45170E-05  476618.8 3744022.6   462.0     3.49     4.00     3.25
YES   HRDOW
L0001023        0   0.45170E-05  476618.8 3744031.2   462.0     3.49     4.00     3.25
YES   HRDOW
L0001024        0   0.45170E-05  476618.8 3744039.7   462.0     3.49     4.00     3.25
YES   HRDOW
L0001025        0   0.45170E-05  476618.9 3744048.3   462.0     3.49     4.00     3.25
YES   HRDOW
L0001026        0   0.45170E-05  476618.9 3744056.9   462.0     3.49     4.00     3.25
YES   HRDOW
L0001027        0   0.45170E-05  476618.9 3744065.5   462.0     3.49     4.00     3.25
YES   HRDOW
```

L0001028 0 0.45170E-05 476619.0 3744074.1 462.0 3.49 4.00 3.25
YES HRDOW
L0001029 0 0.45170E-05 476619.0 3744082.7 462.0 3.49 4.00 3.25
YES HRDOW
L0001030 0 0.45170E-05 476619.0 3744091.3 462.0 3.49 4.00 3.25
YES HRDOW
L0001031 0 0.45170E-05 476619.0 3744099.9 462.0 3.49 4.00 3.25
YES HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001032	0	0.45170E-05	476619.1	3744108.5	461.9	3.49	4.00	3.25
YES HRDOW								
L0001033	0	0.45170E-05	476619.1	3744117.0	461.7	3.49	4.00	3.25
YES HRDOW								
L0001034	0	0.45170E-05	476619.1	3744125.6	461.4	3.49	4.00	3.25
YES HRDOW								
L0001035	0	0.45170E-05	476619.2	3744134.2	461.1	3.49	4.00	3.25
YES HRDOW								
L0001036	0	0.45170E-05	476619.2	3744142.8	461.0	3.49	4.00	3.25
YES HRDOW								
L0001037	0	0.45170E-05	476619.2	3744151.4	461.0	3.49	4.00	3.25
YES HRDOW								
L0001038	0	0.45170E-05	476619.2	3744160.0	461.0	3.49	4.00	3.25
YES HRDOW								
L0001039	0	0.45170E-05	476619.3	3744168.6	461.0	3.49	4.00	3.25
YES HRDOW								
L0001040	0	0.45170E-05	476621.9	3744174.5	461.0	3.49	4.00	3.25
YES HRDOW								
L0001041	0	0.45170E-05	476630.5	3744174.6	461.0	3.49	4.00	3.25
YES HRDOW								
L0001042	0	0.45170E-05	476639.1	3744174.7	461.0	3.49	4.00	3.25
YES HRDOW								
L0001043	0	0.45170E-05	476647.7	3744174.8	461.0	3.49	4.00	3.25
YES HRDOW								
L0001044	0	0.45170E-05	476656.3	3744174.9	460.8	3.49	4.00	3.25
YES HRDOW								
L0001045	0	0.45170E-05	476664.9	3744175.0	460.5	3.49	4.00	3.25
YES HRDOW								
L0001046	0	0.45170E-05	476673.5	3744175.1	460.2	3.49	4.00	3.25
YES HRDOW								
L0001047	0	0.45170E-05	476682.1	3744175.2	460.0	3.49	4.00	3.25
YES HRDOW								
L0001048	0	0.45170E-05	476690.7	3744175.3	460.0	3.49	4.00	3.25
YES HRDOW								
L0001049	0	0.45170E-05	476699.3	3744175.4	460.0	3.49	4.00	3.25
YES HRDOW								
L0001050	0	0.45170E-05	476707.8	3744175.5	460.0	3.49	4.00	3.25
YES HRDOW								

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 L0001051         0   0.25510E-05  476724.0 3744181.5   459.5     3.49     6.51     3.25
 YES   HRDOW
 L0001052         0   0.25510E-05  476723.9 3744195.5   459.5     3.49     6.51     3.25
 YES   HRDOW
 L0001053         0   0.25510E-05  476723.7 3744209.5   459.3     3.49     6.51     3.25
 YES   HRDOW
 L0001054         0   0.25510E-05  476723.5 3744223.5   459.1     3.49     6.51     3.25
 YES   HRDOW
 L0001055         0   0.25510E-05  476722.0 3744237.4   458.9     3.49     6.51     3.25
 YES   HRDOW
 L0001056         0   0.25510E-05  476719.2 3744251.1   458.7     3.49     6.51     3.25
 YES   HRDOW
 L0001057         0   0.25510E-05  476716.4 3744264.8   458.8     3.49     6.51     3.25
 YES   HRDOW
 L0001058         0   0.25510E-05  476713.6 3744278.5   458.9     3.49     6.51     3.25
 YES   HRDOW
 L0001059         0   0.25510E-05  476709.6 3744291.9   459.0     3.49     6.51     3.25
 YES   HRDOW
 L0001060         0   0.25510E-05  476705.1 3744305.2   459.2     3.49     6.51     3.25
 YES   HRDOW
 L0001061         0   0.25510E-05  476700.7 3744318.5   459.3     3.49     6.51     3.25
 YES   HRDOW
 L0001062         0   0.25510E-05  476695.3 3744331.3   459.2     3.49     6.51     3.25
 YES   HRDOW
 L0001063         0   0.25510E-05  476688.5 3744343.6   459.1     3.49     6.51     3.25
 YES   HRDOW
 L0001064         0   0.25510E-05  476681.8 3744355.9   459.0     3.49     6.51     3.25
 YES   HRDOW
 L0001065         0   0.25510E-05  476672.6 3744366.3   459.2     3.49     6.51     3.25
 YES   HRDOW
 L0001066         0   0.25510E-05  476662.9 3744376.5   459.6     3.49     6.51     3.25
 YES   HRDOW
 L0001067         0   0.25510E-05  476653.2 3744386.6   459.6     3.49     6.51     3.25
 YES   HRDOW
 L0001068         0   0.25510E-05  476643.6 3744396.7   459.5     3.49     6.51     3.25
 YES   HRDOW
 L0001069         0   0.25510E-05  476633.9 3744406.8   459.5     3.49     6.51     3.25
 YES   HRDOW
 L0001070         0   0.25510E-05  476624.1 3744416.8   459.9     3.49     6.51     3.25
 YES   HRDOW
 L0001071         0   0.25510E-05  476612.9 3744425.2   460.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

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

 L0001072         0   0.25510E-05  476601.7 3744433.6   460.0     3.49     6.51     3.25
 YES   HRDOW
 L0001073         0   0.25510E-05  476590.5 3744442.0   460.0     3.49     6.51     3.25
 YES   HRDOW
```

```
L0001074         0   0.25510E-05  476579.3 3744450.3   460.4     3.49     6.51     3.25
YES   HRDOW
L0001075         0   0.25510E-05  476568.1 3744458.7   460.7     3.49     6.51     3.25
YES   HRDOW
L0001076         0   0.25510E-05  476556.8 3744467.1   461.0     3.49     6.51     3.25
YES   HRDOW
L0001077         0   0.25510E-05  476545.6 3744475.5   461.0     3.49     6.51     3.25
YES   HRDOW
L0001078         0   0.25510E-05  476534.1 3744483.5   461.0     3.49     6.51     3.25
YES   HRDOW
L0001079         0   0.25510E-05  476522.7 3744491.5   461.2     3.49     6.51     3.25
YES   HRDOW
L0001080         0   0.25510E-05  476511.2 3744499.6   461.6     3.49     6.51     3.25
YES   HRDOW
L0001081         0   0.25510E-05  476499.7 3744507.6   461.6     3.49     6.51     3.25
YES   HRDOW
L0001082         0   0.25510E-05  476488.3 3744515.6   461.6     3.49     6.51     3.25
YES   HRDOW
L0001083         0   0.25510E-05  476476.8 3744523.7   461.8     3.49     6.51     3.25
YES   HRDOW
L0001084         0   0.25510E-05  476465.4 3744531.7   462.0     3.49     6.51     3.25
YES   HRDOW
L0001085         0   0.25510E-05  476453.9 3744539.7   462.0     3.49     6.51     3.25
YES   HRDOW
L0001086         0   0.25510E-05  476442.4 3744547.8   462.0     3.49     6.51     3.25
YES   HRDOW
L0001087         0   0.25510E-05  476431.0 3744555.8   462.0     3.49     6.51     3.25
YES   HRDOW
L0001088         0   0.25510E-05  476419.5 3744563.8   462.0     3.49     6.51     3.25
YES   HRDOW
L0001089         0   0.25510E-05  476408.0 3744571.9   462.1     3.49     6.51     3.25
YES   HRDOW
L0001090         0   0.25510E-05  476396.6 3744579.9   462.4     3.49     6.51     3.25
YES   HRDOW
L0001091         0   0.25510E-05  476385.1 3744587.9   462.8     3.49     6.51     3.25
YES   HRDOW
L0001092         0   0.25510E-05  476373.6 3744596.0   463.0     3.49     6.51     3.25
YES   HRDOW
L0001093         0   0.25510E-05  476362.2 3744604.0   463.0     3.49     6.51     3.25
YES   HRDOW
L0001094         0   0.25510E-05  476363.5 3744614.0   463.0     3.49     6.51     3.25
YES   HRDOW
L0001095         0   0.25510E-05  476372.1 3744625.0   462.8     3.49     6.51     3.25
YES   HRDOW
L0001096         0   0.25510E-05  476380.7 3744636.1   462.3     3.49     6.51     3.25
YES   HRDOW
L0001097         0   0.25510E-05  476389.4 3744647.0   462.0     3.49     6.51     3.25
YES   HRDOW
L0001098         0   0.25510E-05  476398.6 3744657.6   462.0     3.49     6.51     3.25
YES   HRDOW
L0001099         0   0.25510E-05  476407.8 3744668.2   462.0     3.49     6.51     3.25
YES   HRDOW
L0001100         0   0.25510E-05  476417.0 3744678.7   461.8     3.49     6.51     3.25
YES   HRDOW
L0001101         0   0.25510E-05  476426.2 3744689.3   461.5     3.49     6.51     3.25
YES   HRDOW
L0001102         0   0.25510E-05  476435.4 3744699.9   461.2     3.49     6.51     3.25
YES   HRDOW
L0001103         0   0.25510E-05  476446.0 3744708.7   460.8     3.49     6.51     3.25
YES   HRDOW
L0001104         0   0.25510E-05  476457.6 3744716.7   460.6     3.49     6.51     3.25
YES   HRDOW
L0001105         0   0.25510E-05  476469.1 3744724.6   460.6     3.49     6.51     3.25
YES   HRDOW
L0001106         0   0.25510E-05  476480.7 3744732.5   460.6     3.49     6.51     3.25
YES   HRDOW
```

L0001107 0 0.25510E-05 476492.2 3744740.4 460.2 3.49 6.51 3.25
YES HRDOW
L0001108 0 0.25510E-05 476503.8 3744748.3 460.0 3.49 6.51 3.25
YES HRDOW
L0001109 0 0.25510E-05 476516.0 3744755.1 460.0 3.49 6.51 3.25
YES HRDOW
L0001110 0 0.25510E-05 476528.2 3744761.9 460.0 3.49 6.51 3.25
YES HRDOW
L0001111 0 0.25510E-05 476540.5 3744768.8 459.7 3.49 6.51 3.25
YES HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001112	0	0.25510E-05	476552.7	3744775.6	459.2	3.49	6.51	3.25	YES HRDOW
L0001113	0	0.25510E-05	476565.3	3744781.6	458.8	3.49	6.51	3.25	YES HRDOW
L0001114	0	0.25510E-05	476578.2	3744787.0	458.4	3.49	6.51	3.25	YES HRDOW
L0001115	0	0.25510E-05	476591.2	3744792.4	458.0	3.49	6.51	3.25	YES HRDOW
L0001116	0	0.25510E-05	476604.1	3744797.8	458.0	3.49	6.51	3.25	YES HRDOW
L0001117	0	0.25510E-05	476617.3	3744802.5	458.0	3.49	6.51	3.25	YES HRDOW
L0001118	0	0.25510E-05	476630.4	3744807.2	457.9	3.49	6.51	3.25	YES HRDOW
L0001119	0	0.25510E-05	476643.6	3744811.9	457.6	3.49	6.51	3.25	YES HRDOW
L0001120	0	0.25510E-05	476656.8	3744816.7	457.2	3.49	6.51	3.25	YES HRDOW
L0001121	0	0.25510E-05	476670.0	3744821.4	457.1	3.49	6.51	3.25	YES HRDOW
L0001122	0	0.25510E-05	476683.1	3744826.2	457.0	3.49	6.51	3.25	YES HRDOW
L0001123	0	0.25510E-05	476696.3	3744831.0	457.0	3.49	6.51	3.25	YES HRDOW
L0001124	0	0.25510E-05	476709.4	3744835.9	457.0	3.49	6.51	3.25	YES HRDOW
L0001125	0	0.25510E-05	476722.5	3744840.7	457.0	3.49	6.51	3.25	YES HRDOW
L0001126	0	0.25510E-05	476735.7	3744845.5	457.0	3.49	6.51	3.25	YES HRDOW
L0001127	0	0.25510E-05	476748.8	3744850.4	457.0	3.49	6.51	3.25	YES HRDOW
L0001128	0	0.25510E-05	476762.0	3744855.2	457.0	3.49	6.51	3.25	YES HRDOW
L0001129	0	0.25510E-05	476775.1	3744860.0	457.0	3.49	6.51	3.25	YES HRDOW

```
 L0001130         0   0.25510E-05  476788.2 3744864.9   457.0     3.49     6.51     3.25
 YES   HRDOW
 L0001131         0   0.25510E-05  476801.4 3744869.7   456.0     3.49     6.51     3.25
 YES   HRDOW
 L0001132         0   0.25510E-05  476814.5 3744874.5   456.0     3.49     6.51     3.25
 YES   HRDOW
 L0001133         0   0.25510E-05  476827.6 3744879.4   456.0     3.49     6.51     3.25
 YES   HRDOW
 L0001134         0   0.25510E-05  476840.8 3744884.2   456.0     3.49     6.51     3.25
 YES   HRDOW
 L0001135         0   0.25510E-05  476853.9 3744889.0   456.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL         VOL1        , VOL2        , VOL3        , VOL4        , VOL5        , VOL6        ,
  VOL7         , VOL8         ,

              VOL9        , VOL10       , VOL11       , L0001003    , L0001004    , L0001005    ,
              L0001006    , L0001007    ,

              L0001008    , L0001009    , L0001010    , L0001011    , L0001012    , L0001013    ,
              L0001014    , L0001015    ,

              L0001016    , L0001017    , L0001018    , L0001019    , L0001020    , L0001021    ,
              L0001022    , L0001023    ,

              L0001024    , L0001025    , L0001026    , L0001027    , L0001028    , L0001029    ,
              L0001030    , L0001031    ,

              L0001032    , L0001033    , L0001034    , L0001035    , L0001036    , L0001037    ,
              L0001038    , L0001039    ,

              L0001040    , L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
              L0001046    , L0001047    ,

              L0001048    , L0001049    , L0001050    , L0001051    , L0001052    , L0001053    ,
              L0001054    , L0001055    ,

              L0001056    , L0001057    , L0001058    , L0001059    , L0001060    , L0001061    ,
              L0001062    , L0001063    ,

              L0001064    , L0001065    , L0001066    , L0001067    , L0001068    , L0001069    ,
              L0001070    , L0001071    ,

              L0001072    , L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
              L0001078    , L0001079    ,

              L0001080    , L0001081    , L0001082    , L0001083    , L0001084    , L0001085    ,
              L0001086    , L0001087    ,

              L0001088    , L0001089    , L0001090    , L0001091    , L0001092    , L0001093    ,
              L0001094    , L0001095    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 , L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , L0001058 , L0001059 , L0001060 , L0001061 , L0001062 , L0001063 , L0001064 , L0001065 , L0001066 , L0001067 , L0001068 , L0001069 , L0001070 , L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001082 , L0001083 , L0001084 , L0001085 , L0001086 , L0001087 ,

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            L0001088    , L0001089    , L0001090    , L0001091    , L0001092    , L0001093    ,
            L0001094    , L0001095    ,

            L0001096    , L0001097    , L0001098    , L0001099    , L0001100    , L0001101    ,
            L0001102    , L0001103    ,

            L0001104    , L0001105    , L0001106    , L0001107    , L0001108    , L0001109    ,
            L0001110    , L0001111    ,

            L0001112    , L0001113    , L0001114    , L0001115    , L0001116    , L0001117    ,
            L0001118    , L0001119    ,

            L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    ,
            L0001126    , L0001127    ,

            L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    ,
            L0001134    , L0001135    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

                      PAGE   8
 *** 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   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL2         ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

                     PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL3         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

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

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

(HRDOW) *

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

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

SOURCE ID = L0001004 ; 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

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

SOURCE ID = L0001005 ; 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

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

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

SOURCE ID = L0001006 ; 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

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

SOURCE ID = L0001007 ; 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
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

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

SOURCE ID = L0001011 ; 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								

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

SOURCE ID = L0001012 ; 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										

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

SOURCE ID = L0001013 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

SOURCE ID = L0001014 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001015     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

```
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001017     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0001018 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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

SOURCE ID = L0001020 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001021 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001022 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001024 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
\- - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001026 ; 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

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

SOURCE ID = L0001027 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001028 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001029 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

SOURCE ID = L0001030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

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

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

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

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

SOURCE ID = L0001031 ; 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

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

SOURCE ID = L0001032 ; 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

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

SOURCE ID = L0001033 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

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

SOURCE ID = L0001036 ; 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								

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

SOURCE ID = L0001037 ; 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	

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

SOURCE ID = L0001038 ; 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								

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

SOURCE ID = L0001039 ; 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												

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0001040 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0001041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001042     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       12:46:26

                     PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0001043 ; 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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001044 ; 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

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

SOURCE ID = L0001045   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001047 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001049 ; 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								

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

SOURCE ID = L0001050 ; 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

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

SOURCE ID = L0001051 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

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

SOURCE ID = L0001052 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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

SOURCE ID = L0001054 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001055 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

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

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

                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001057     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001058 ; 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

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

SOURCE ID = L0001059 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001061 ; 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								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001062 ; 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												

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

SOURCE ID = L0001063 ; 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								

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

SOURCE ID = L0001064 ; 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			

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0001065 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001067 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = L0001068 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

SOURCE ID = L0001070 ; 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								

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

SOURCE ID = L0001071 ; 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								

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

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

SOURCE ID = L0001072 ; 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

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

SOURCE ID = L0001073 ; 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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001074 ; 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

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

SOURCE ID = L0001075 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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

SOURCE ID = L0001077 ; 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								

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

SOURCE ID = L0001078 ; 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										

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

SOURCE ID = L0001079 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

SOURCE ID = L0001080 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
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9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

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

SOURCE ID = L0001083 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

SOURCE ID = L0001084 ; 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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001085 ; 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

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

SOURCE ID = L0001086 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

SOURCE ID = L0001087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

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

SOURCE ID = L0001088 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001090 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001091 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001092 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001093 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001094 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001095 ; 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								

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

SOURCE ID = L0001096 ; 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													

DAY OF WEEK = SUNDAY

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

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

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

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

SOURCE ID = L0001097 ; 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

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

SOURCE ID = L0001098 ; 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

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

SOURCE ID = L0001099 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

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

SOURCE ID = L0001102 ; 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								

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

SOURCE ID = L0001103 ; 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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001104 ; 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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001105 ; 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

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

SOURCE ID = L0001106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001108     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0001109 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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

SOURCE ID = L0001111   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001113 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001115 ; 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								

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

SOURCE ID = L0001116 ; 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

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

SOURCE ID = L0001117 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

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

SOURCE ID = L0001118 ; 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								

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

SOURCE ID = L0001119 ; 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								

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

SOURCE ID = L0001120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001122 ; 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

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

SOURCE ID = L0001123 ; 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
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001124     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

                    PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001125     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26

                     PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0001126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:46:26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001127 ; 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								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 *** 02/07/23
*** AERMET - VERSION 16216 ***
*** *** 12:46:26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001128 ; 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												

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

SOURCE ID = L0001129 ; 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								

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

SOURCE ID = L0001130 ; 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

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

SOURCE ID = L0001131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001133 ; 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

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

(HRDOW) *

SOURCE ID = L0001134 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

(476554.9, 3743985.0, 463.0, 463.0, 0.0); (476555.8, 3744009.3, 463.0, 463.0, 0.0);
(476555.3, 3744027.8, 463.0, 463.0, 0.0); (476554.9, 3744067.4, 463.0, 463.0, 0.0);
(476608.5, 3744068.1, 462.0, 462.0, 0.0); (476554.2, 3744105.4, 463.0, 463.0, 0.0);
(476555.1, 3744126.0, 462.4, 462.4, 0.0); (476491.9, 3744075.6, 463.3, 463.3, 0.0);
(476803.4, 3744032.3, 458.4, 458.4, 0.0); (476746.7, 3744163.7, 459.1, 459.1, 0.0);
(476806.9, 3744146.4, 457.9, 457.9, 0.0); (477122.3, 3744258.1, 455.0, 455.0, 0.0);
(477157.7, 3744251.3, 455.0, 455.0, 0.0); (477103.6, 3744264.0, 455.0, 455.0, 0.0);
(477118.5, 3744286.5, 455.0, 455.0, 0.0); (477061.0, 3744345.1, 455.0, 455.0, 0.0);
(477061.0, 3744360.4, 455.0, 455.0, 0.0); (477082.1, 3744328.1, 455.0, 455.0, 0.0);
(477118.5, 3744303.1, 455.0, 455.0, 0.0); (477250.5, 3744254.7, 454.1, 454.1, 0.0);
(477367.2, 3744229.9, 454.0, 454.0, 0.0); (476657.5, 3744087.3, 460.8, 460.8, 0.0);
(476641.7, 3744098.5, 461.3, 461.3, 0.0); (477149.1, 3744025.2, 456.0, 456.0, 0.0);
(477147.6, 3744066.1, 456.0, 456.0, 0.0); (477235.3, 3743916.1, 456.0, 456.0, 0.0);
(477233.8, 3743979.4, 455.5, 455.5, 0.0); (476459.6, 3744566.2, 462.0, 462.0, 0.0);
(476335.6, 3744658.6, 463.0, 463.0, 0.0); (476413.9, 3744482.7, 463.0, 463.0, 0.0);
(476648.5, 3744456.0, 459.0, 459.0, 0.0); (476168.9, 3743833.8, 470.0, 470.0, 0.0);
(476166.7, 3743954.8, 469.0, 469.0, 0.0); (476176.4, 3744054.0, 468.8, 468.8, 0.0);
(476175.4, 3744120.9, 468.8, 468.8, 0.0); (476952.3, 3743308.7, 461.0, 461.0, 0.0);
(476787.2, 3743320.8, 463.0, 463.0, 0.0); (476650.4, 3743280.3, 467.0, 467.0, 0.0);
(477013.8, 3743356.1, 460.0, 460.0, 0.0); (476835.2, 3743314.2, 462.8, 462.8, 0.0);
(477061.5, 3742957.9, 460.3, 460.3, 0.0); (477122.5, 3742856.7, 460.0, 460.0, 0.0);
(477211.7, 3742907.9, 458.0, 458.0, 0.0); (477035.0, 3742752.0, 462.3, 462.3, 0.0);
(477017.9, 3742700.5, 463.6, 463.6, 0.0); (477017.1, 3742663.9, 464.1, 464.1, 0.0);
(477016.0, 3742611.2, 464.8, 464.8, 0.0); (476795.7, 3742530.5, 475.0, 540.0, 0.0);
(477014.3, 3742541.1, 465.9, 465.9, 0.0); (477467.0, 3742376.3, 456.5, 456.5, 0.0);
(478088.3, 3742701.1, 446.0, 446.0, 0.0); (477989.7, 3742739.1, 447.0, 447.0, 0.0);
(477991.0, 3742804.3, 447.0, 447.0, 0.0); (477986.2, 3742855.2, 447.5, 447.5, 0.0);
(478118.2, 3742588.6, 446.0, 446.0, 0.0); (478159.1, 3742336.0,

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

1 1 1

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , L0001003 , L0001004 ,
L0001005 , L0001006 , L0001007 , L0001008 , L0001009 ,
L0001010 , L0001011 , L0001012 ,
L0001013 , L0001014 , L0001015 , L0001016 , L0001017 ,
L0001018 , L0001019 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
476554.89	3743984.99	0.00677	476555.82	3744009.35	0.00610
476555.35	3744027.85	0.00550	476554.89	3744067.43	0.00446
476608.52	3744068.13	0.01399	476554.18	3744105.37	0.00367
476555.12	3744125.98	0.00339	476491.88	3744075.63	0.00219
476803.39	3744032.30	0.00720	476746.71	3744163.69	0.00430
476806.90	3744146.36	0.00287	477122.30	3744258.07	0.00042
477157.74	3744251.30	0.00037	477103.59	3744264.04	0.00044
477118.52	3744286.54	0.00041	477060.98	3744345.07	0.00044
477060.98	3744360.40	0.00043	477082.09	3744328.15	0.00043
477118.52	3744303.06	0.00040	477250.53	3744254.70	0.00028
477367.17	3744229.87	0.00021	476657.51	3744087.32	0.00892
476641.68	3744098.54	0.00991	477149.09	3744025.24	0.00050
477147.56	3744066.06	0.00049	477235.31	3743916.12	0.00038
477233.79	3743979.45	0.00037	476459.65	3744566.25	0.00189
476335.65	3744658.59	0.00080	476413.87	3744482.70	0.00092
476648.51	3744455.99	0.00131	476168.94	3743833.83	0.00039
476166.67	3743954.80	0.00037	476176.40	3744054.05	0.00036
476175.42	3744120.87	0.00034	476952.27		

3743308.70 0.00070
476787.19 3743320.82 0.00066 476650.44
3743280.29 0.00045
477013.81 3743356.11 0.00076 476835.16
3743314.20 0.00069
477061.52 3742957.89 0.00029 477122.50
3742856.69 0.00024
477211.70 3742907.94 0.00026 477035.05
3742752.01 0.00020
477017.88 3742700.50 0.00018 477017.12
3742663.86 0.00017
477015.97 3742611.20 0.00016 476795.68
3742530.51 0.00012
477014.34 3742541.08 0.00014 477466.99
3742376.28 0.00012
478088.34 3742701.12 0.00008 477989.73
3742739.07 0.00009
477991.03 3742804.27 0.00009 477986.16
3742855.20 0.00009
478118.18 3742588.56 0.00008 478159.12
3742335.97 0.00008
478156.87 3742489.98 0.00008 478101.64
3742293.32 0.00008
475765.04 3744388.08 0.00012 475780.36
3744430.86 0.00012
475778.77 3744588.81 0.00011 475777.19
3744685.49 0.00011
475781.94 3744724.05 0.00011 475770.85
3744639.00 0.00011
476417.88 3743762.94
0.00147

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

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01399 AT (476608.52, 3744068.13, 462.00, 462.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00991 AT (476641.68, 3744098.54, 461.27, 461.27, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00892 AT (476657.51, 3744087.32, 460.84, 460.84, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00720 AT (476803.39, 3744032.30, 458.41, 458.41, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00677 AT (476554.89, 3743984.99, 463.04, 463.04, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00610 AT (476555.82, 3744009.35, 463.00, 463.00, 0.00)	DC	

```
          7TH HIGHEST VALUE IS       0.00550 AT (  476555.35,  3744027.85,   463.00,
          463.00,    0.00)  DC
          8TH HIGHEST VALUE IS       0.00446 AT (  476554.89,  3744067.43,   463.00,
          463.00,    0.00)  DC
          9TH HIGHEST VALUE IS       0.00430 AT (  476746.71,  3744163.69,   459.06,
          459.06,    0.00)  DC
         10TH HIGHEST VALUE IS       0.00367 AT (  476554.18,  3744105.37,   463.00,
         463.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        02/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        12:46:26

                      PAGE 157
 *** 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    2169       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2169       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. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/30/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14443 Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002481
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476661.542, 3743879.661, 461.00, 3.49, 4.00
** 476727.118, 3743879.373, 460.07, 3.49, 4.00
** ------------------------------------------------------------------------
   LOCATION L0000405     VOLUME   476665.837 3743879.642 461.21
   LOCATION L0000406     VOLUME   476674.427 3743879.605 461.08
   LOCATION L0000407     VOLUME   476683.017 3743879.567 460.89
   LOCATION L0000408     VOLUME   476691.607 3743879.529 460.61
   LOCATION L0000409     VOLUME   476700.197 3743879.492 460.32
   LOCATION L0000410     VOLUME   476708.787 3743879.454 460.04
   LOCATION L0000411     VOLUME   476717.377 3743879.416 460.00
   LOCATION L0000412     VOLUME   476725.967 3743879.379 460.00
** End of LINE VOLUME Source ID = SLINE1
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.948E-06
```

```
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476626.667, 3743860.290, 461.79, 3.49, 4.00
** 476731.165, 3743860.688, 459.95, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000413     VOLUME   476630.962 3743860.306 461.43
   LOCATION L0000414     VOLUME   476639.552 3743860.339 461.15
   LOCATION L0000415     VOLUME   476648.142 3743860.371 460.86
   LOCATION L0000416     VOLUME   476656.732 3743860.404 460.81
   LOCATION L0000417     VOLUME   476665.322 3743860.437 460.81
   LOCATION L0000418     VOLUME   476673.912 3743860.470 460.81
   LOCATION L0000419     VOLUME   476682.502 3743860.502 460.74
   LOCATION L0000420     VOLUME   476691.092 3743860.535 460.51
   LOCATION L0000421     VOLUME   476699.682 3743860.568 460.28
   LOCATION L0000422     VOLUME   476708.272 3743860.600 460.04
   LOCATION L0000423     VOLUME   476716.862 3743860.633 460.00
   LOCATION L0000424     VOLUME   476725.451 3743860.666 460.00
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Patterson S 60%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.63E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 476620.737, 3743860.660, 461.92, 3.49, 4.00
** 476620.356, 3743705.798, 461.00, 3.49, 4.00
** 476617.822, 3743367.821, 467.02, 3.49, 4.00
** 476673.722, 3743374.032, 465.41, 3.49, 4.00
** 476740.802, 3743375.896, 463.99, 3.49, 4.00
** 476798.565, 3743376.517, 462.24, 3.49, 4.00
** 476876.825, 3743375.896, 461.55, 3.49, 4.00
** 476954.464, 3743374.032, 460.88, 3.49, 4.00
** 476971.234, 3743374.653, 460.43, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000425     VOLUME   476620.726 3743856.365 461.64
   LOCATION L0000426     VOLUME   476620.705 3743847.775 461.36
   LOCATION L0000427     VOLUME   476620.684 3743839.185 461.07
   LOCATION L0000428     VOLUME   476620.663 3743830.595 460.97
   LOCATION L0000429     VOLUME   476620.642 3743822.005 460.97
   LOCATION L0000430     VOLUME   476620.621 3743813.415 460.97
   LOCATION L0000431     VOLUME   476620.599 3743804.825 460.98
   LOCATION L0000432     VOLUME   476620.578 3743796.235 461.00
   LOCATION L0000433     VOLUME   476620.557 3743787.645 461.02
   LOCATION L0000434     VOLUME   476620.536 3743779.055 461.04
   LOCATION L0000435     VOLUME   476620.515 3743770.465 461.04
   LOCATION L0000436     VOLUME   476620.494 3743761.875 461.02
   LOCATION L0000437     VOLUME   476620.472 3743753.285 461.01
   LOCATION L0000438     VOLUME   476620.451 3743744.695 461.00
   LOCATION L0000439     VOLUME   476620.430 3743736.105 461.00
   LOCATION L0000440     VOLUME   476620.409 3743727.515 461.00
   LOCATION L0000441     VOLUME   476620.388 3743718.925 461.00
   LOCATION L0000442     VOLUME   476620.367 3743710.335 461.00
   LOCATION L0000443     VOLUME   476620.325 3743701.745 461.00
   LOCATION L0000444     VOLUME   476620.261 3743693.155 461.00
   LOCATION L0000445     VOLUME   476620.196 3743684.566 461.00
   LOCATION L0000446     VOLUME   476620.132 3743675.976 461.00
   LOCATION L0000447     VOLUME   476620.068 3743667.386 461.00
   LOCATION L0000448     VOLUME   476620.003 3743658.796 461.00
   LOCATION L0000449     VOLUME   476619.939 3743650.207 461.20
   LOCATION L0000450     VOLUME   476619.874 3743641.617 461.48
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LOCATION L0000451 VOLUME 476619.810 3743633.027 461.77
LOCATION L0000452 VOLUME 476619.746 3743624.437 462.06
LOCATION L0000453 VOLUME 476619.681 3743615.848 462.34
LOCATION L0000454 VOLUME 476619.617 3743607.258 462.63
LOCATION L0000455 VOLUME 476619.552 3743598.668 462.92
LOCATION L0000456 VOLUME 476619.488 3743590.078 463.20
LOCATION L0000457 VOLUME 476619.424 3743581.489 463.49
LOCATION L0000458 VOLUME 476619.359 3743572.899 463.78
LOCATION L0000459 VOLUME 476619.295 3743564.309 463.94
LOCATION L0000460 VOLUME 476619.231 3743555.719 463.65
LOCATION L0000461 VOLUME 476619.166 3743547.130 463.37
LOCATION L0000462 VOLUME 476619.102 3743538.540 463.08
LOCATION L0000463 VOLUME 476619.037 3743529.950 463.00
LOCATION L0000464 VOLUME 476618.973 3743521.360 463.00
LOCATION L0000465 VOLUME 476618.909 3743512.771 463.00
LOCATION L0000466 VOLUME 476618.844 3743504.181 463.07
LOCATION L0000467 VOLUME 476618.780 3743495.591 463.35
LOCATION L0000468 VOLUME 476618.715 3743487.001 463.64
LOCATION L0000469 VOLUME 476618.651 3743478.412 463.93
LOCATION L0000470 VOLUME 476618.587 3743469.822 464.21
LOCATION L0000471 VOLUME 476618.522 3743461.232 464.50
LOCATION L0000472 VOLUME 476618.458 3743452.642 464.78
LOCATION L0000473 VOLUME 476618.393 3743444.052 465.07
LOCATION L0000474 VOLUME 476618.329 3743435.463 465.36
LOCATION L0000475 VOLUME 476618.265 3743426.873 465.64
LOCATION L0000476 VOLUME 476618.200 3743418.283 465.93
LOCATION L0000477 VOLUME 476618.136 3743409.693 466.22
LOCATION L0000478 VOLUME 476618.071 3743401.104 466.50
LOCATION L0000479 VOLUME 476618.007 3743392.514 466.79
LOCATION L0000480 VOLUME 476617.943 3743383.924 467.00
LOCATION L0000481 VOLUME 476617.878 3743375.334 467.02
LOCATION L0000482 VOLUME 476618.892 3743367.940 467.02
LOCATION L0000483 VOLUME 476627.430 3743368.889 466.75
LOCATION L0000484 VOLUME 476635.967 3743369.837 466.46
LOCATION L0000485 VOLUME 476644.504 3743370.786 466.18
LOCATION L0000486 VOLUME 476653.042 3743371.735 465.94
LOCATION L0000487 VOLUME 476661.579 3743372.683 465.78
LOCATION L0000488 VOLUME 476670.117 3743373.632 465.61
LOCATION L0000489 VOLUME 476678.683 3743374.170 465.42
LOCATION L0000490 VOLUME 476687.269 3743374.409 465.30
LOCATION L0000491 VOLUME 476695.856 3743374.647 465.18
LOCATION L0000492 VOLUME 476704.443 3743374.886 465.07
LOCATION L0000493 VOLUME 476713.029 3743375.124 464.89
LOCATION L0000494 VOLUME 476721.616 3743375.363 464.61
LOCATION L0000495 VOLUME 476730.203 3743375.601 464.32
LOCATION L0000496 VOLUME 476738.790 3743375.840 464.04
LOCATION L0000497 VOLUME 476747.378 3743375.966 463.75
LOCATION L0000498 VOLUME 476755.968 3743376.059 463.46
LOCATION L0000499 VOLUME 476764.557 3743376.151 463.18
LOCATION L0000500 VOLUME 476773.147 3743376.243 463.00
LOCATION L0000501 VOLUME 476781.736 3743376.336 463.00
LOCATION L0000502 VOLUME 476790.326 3743376.428 462.32
LOCATION L0000503 VOLUME 476798.915 3743376.514 462.32
LOCATION L0000504 VOLUME 476807.505 3743376.446 462.24
LOCATION L0000505 VOLUME 476816.095 3743376.378 462.15
LOCATION L0000506 VOLUME 476824.685 3743376.309 462.06
LOCATION L0000507 VOLUME 476833.274 3743376.241 462.00
LOCATION L0000508 VOLUME 476841.864 3743376.173 462.00
LOCATION L0000509 VOLUME 476850.454 3743376.105 462.00
LOCATION L0000510 VOLUME 476859.044 3743376.037 462.00
LOCATION L0000511 VOLUME 476867.633 3743375.969 461.83
LOCATION L0000512 VOLUME 476876.223 3743375.900 461.64
LOCATION L0000513 VOLUME 476884.811 3743375.704 461.46
LOCATION L0000514 VOLUME 476893.398 3743375.498 461.31
LOCATION L0000515 VOLUME 476901.986 3743375.292 461.22
LOCATION L0000516 VOLUME 476910.573 3743375.086 461.11

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   LOCATION L0000517     VOLUME   476919.161 3743374.880 461.01
   LOCATION L0000518     VOLUME   476927.748 3743374.674 461.00
   LOCATION L0000519     VOLUME   476936.336 3743374.467 461.00
   LOCATION L0000520     VOLUME   476944.923 3743374.261 461.00
   LOCATION L0000521     VOLUME   476953.511 3743374.055 460.93
   LOCATION L0000522     VOLUME   476962.095 3743374.315 460.75
   LOCATION L0000523     VOLUME   476970.679 3743374.633 460.57
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Patterson N 40%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.162E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 476619.442, 3743862.085, 461.96, 3.49, 4.00
** 476619.442, 3744032.626, 461.92, 3.49, 4.00
** 476621.026, 3744175.183, 461.06, 3.49, 4.00
** 476714.480, 3744176.239, 459.88, 3.49, 4.00
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   LOCATION L0000524     VOLUME   476619.442 3743866.380 462.00
   LOCATION L0000525     VOLUME   476619.442 3743874.970 462.00
   LOCATION L0000526     VOLUME   476619.442 3743883.560 462.01
   LOCATION L0000527     VOLUME   476619.442 3743892.150 462.01
   LOCATION L0000528     VOLUME   476619.442 3743900.740 462.16
   LOCATION L0000529     VOLUME   476619.442 3743909.330 462.45
   LOCATION L0000530     VOLUME   476619.442 3743917.920 462.73
   LOCATION L0000531     VOLUME   476619.442 3743926.510 463.00
   LOCATION L0000532     VOLUME   476619.442 3743935.100 463.00
   LOCATION L0000533     VOLUME   476619.442 3743943.690 463.00
   LOCATION L0000534     VOLUME   476619.442 3743952.280 463.00
   LOCATION L0000535     VOLUME   476619.442 3743960.870 462.85
   LOCATION L0000536     VOLUME   476619.442 3743969.460 462.56
   LOCATION L0000537     VOLUME   476619.442 3743978.050 462.28
   LOCATION L0000538     VOLUME   476619.442 3743986.640 462.01
   LOCATION L0000539     VOLUME   476619.442 3743995.230 462.01
   LOCATION L0000540     VOLUME   476619.442 3744003.820 462.01
   LOCATION L0000541     VOLUME   476619.442 3744012.410 462.00
   LOCATION L0000542     VOLUME   476619.442 3744021.000 462.00
   LOCATION L0000543     VOLUME   476619.442 3744029.590 462.00
   LOCATION L0000544     VOLUME   476619.504 3744038.180 462.00
   LOCATION L0000545     VOLUME   476619.599 3744046.769 462.00
   LOCATION L0000546     VOLUME   476619.695 3744055.359 462.00
   LOCATION L0000547     VOLUME   476619.790 3744063.948 462.00
   LOCATION L0000548     VOLUME   476619.885 3744072.537 462.00
   LOCATION L0000549     VOLUME   476619.981 3744081.127 462.00
   LOCATION L0000550     VOLUME   476620.076 3744089.716 461.99
   LOCATION L0000551     VOLUME   476620.172 3744098.306 461.99
   LOCATION L0000552     VOLUME   476620.267 3744106.895 461.96
   LOCATION L0000553     VOLUME   476620.363 3744115.485 461.68
   LOCATION L0000554     VOLUME   476620.458 3744124.074 461.40
   LOCATION L0000555     VOLUME   476620.554 3744132.664 461.11
   LOCATION L0000556     VOLUME   476620.649 3744141.253 461.00
   LOCATION L0000557     VOLUME   476620.744 3744149.843 461.00
   LOCATION L0000558     VOLUME   476620.840 3744158.432 461.00
   LOCATION L0000559     VOLUME   476620.935 3744167.022 461.00
   LOCATION L0000560     VOLUME   476621.454 3744175.188 461.00
   LOCATION L0000561     VOLUME   476630.044 3744175.285 461.00
   LOCATION L0000562     VOLUME   476638.633 3744175.382 461.00
   LOCATION L0000563     VOLUME   476647.223 3744175.479 461.00
   LOCATION L0000564     VOLUME   476655.812 3744175.576 460.80
   LOCATION L0000565     VOLUME   476664.401 3744175.673 460.51
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   LOCATION L0000566     VOLUME   476672.991 3744175.770 460.23
   LOCATION L0000567     VOLUME   476681.580 3744175.867 460.00
   LOCATION L0000568     VOLUME   476690.170 3744175.964 460.00
   LOCATION L0000569     VOLUME   476698.759 3744176.061 460.00
   LOCATION L0000570     VOLUME   476707.349 3744176.158 460.00
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Harvill N 40%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 3.431E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 16
** 476724.089, 3744175.315, 459.60, 3.49, 6.51
** 476723.192, 3744217.502, 459.24, 3.49, 6.51
** 476717.806, 3744270.011, 458.91, 3.49, 6.51
** 476704.342, 3744313.095, 459.03, 3.49, 6.51
** 476684.596, 3744349.896, 459.06, 3.49, 6.51
** 476663.951, 3744379.517, 459.61, 3.49, 6.51
** 476614.584, 3744423.947, 459.93, 3.49, 6.51
** 476485.331, 3744514.155, 461.63, 3.49, 6.51
** 476358.323, 3744607.504, 463.00, 3.49, 6.51
** 476391.085, 3744652.383, 462.13, 3.49, 6.51
** 476445.837, 3744710.277, 460.96, 3.49, 6.51
** 476489.819, 3744740.795, 460.23, 3.49, 6.51
** 476542.777, 3744773.108, 459.66, 3.49, 6.51
** 476598.427, 3744798.241, 458.04, 3.49, 6.51
** 476673.376, 3744822.925, 457.00, 3.49, 6.51
** 476870.845, 3744894.732, 456.00, 3.49, 6.51
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   LOCATION L0000572     VOLUME   476723.643 3744196.311 459.54
   LOCATION L0000573     VOLUME   476723.345 3744210.308 459.29
   LOCATION L0000574     VOLUME   476722.498 3744224.270 459.04
   LOCATION L0000575     VOLUME   476721.069 3744238.197 458.85
   LOCATION L0000576     VOLUME   476719.641 3744252.124 458.72
   LOCATION L0000577     VOLUME   476718.212 3744266.051 458.72
   LOCATION L0000578     VOLUME   476714.818 3744279.574 458.83
   LOCATION L0000579     VOLUME   476710.642 3744292.937 458.97
   LOCATION L0000580     VOLUME   476706.466 3744306.300 459.11
   LOCATION L0000581     VOLUME   476701.089 3744319.158 459.26
   LOCATION L0000582     VOLUME   476694.470 3744331.494 459.25
   LOCATION L0000583     VOLUME   476687.850 3744343.831 459.06
   LOCATION L0000584     VOLUME   476680.527 3744355.734 458.99
   LOCATION L0000585     VOLUME   476672.521 3744367.220 459.24
   LOCATION L0000586     VOLUME   476664.516 3744378.706 459.47
   LOCATION L0000587     VOLUME   476654.280 3744388.221 459.51
   LOCATION L0000588     VOLUME   476643.874 3744397.586 459.43
   LOCATION L0000589     VOLUME   476633.468 3744406.952 459.55
   LOCATION L0000590     VOLUME   476623.061 3744416.317 459.89
   LOCATION L0000591     VOLUME   476612.456 3744425.432 460.00
   LOCATION L0000592     VOLUME   476600.976 3744433.444 460.00
   LOCATION L0000593     VOLUME   476589.495 3744441.457 460.01
   LOCATION L0000594     VOLUME   476578.015 3744449.469 460.39
   LOCATION L0000595     VOLUME   476566.534 3744457.482 460.78
   LOCATION L0000596     VOLUME   476555.054 3744465.494 461.00
   LOCATION L0000597     VOLUME   476543.573 3744473.506 461.00
   LOCATION L0000598     VOLUME   476532.093 3744481.519 461.00
   LOCATION L0000599     VOLUME   476520.612 3744489.531 461.31
   LOCATION L0000600     VOLUME   476509.132 3744497.544 461.66
   LOCATION L0000601     VOLUME   476497.651 3744505.556 461.71
   LOCATION L0000602     VOLUME   476486.171 3744513.569 461.68
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   LOCATION L0000604     VOLUME   476463.595 3744530.130 462.00
   LOCATION L0000605     VOLUME   476452.314 3744538.422 462.00
   LOCATION L0000606     VOLUME   476441.033 3744546.713 462.00
   LOCATION L0000607     VOLUME   476429.752 3744555.004 462.01
   LOCATION L0000608     VOLUME   476418.472 3744563.295 462.00
   LOCATION L0000609     VOLUME   476407.191 3744571.586 462.09
   LOCATION L0000610     VOLUME   476395.910 3744579.878 462.46
   LOCATION L0000611     VOLUME   476384.629 3744588.169 462.84
   LOCATION L0000612     VOLUME   476373.348 3744596.460 463.00
   LOCATION L0000613     VOLUME   476362.068 3744604.751 463.00
   LOCATION L0000614     VOLUME   476363.837 3744615.057 463.00
   LOCATION L0000615     VOLUME   476372.091 3744626.365 462.75
   LOCATION L0000616     VOLUME   476380.346 3744637.673 462.28
   LOCATION L0000617     VOLUME   476388.601 3744648.980 462.00
   LOCATION L0000618     VOLUME   476397.809 3744659.494 462.00
   LOCATION L0000619     VOLUME   476407.429 3744669.665 462.00
   LOCATION L0000620     VOLUME   476417.049 3744679.837 461.76
   LOCATION L0000621     VOLUME   476426.668 3744690.009 461.44
   LOCATION L0000622     VOLUME   476436.288 3744700.180 461.12
   LOCATION L0000623     VOLUME   476445.922 3744710.336 460.83
   LOCATION L0000624     VOLUME   476457.424 3744718.317 460.65
   LOCATION L0000625     VOLUME   476468.926 3744726.298 460.68
   LOCATION L0000626     VOLUME   476480.428 3744734.279 460.61
   LOCATION L0000627     VOLUME   476492.013 3744742.134 460.21
   LOCATION L0000628     VOLUME   476503.964 3744749.426 460.00
   LOCATION L0000629     VOLUME   476515.915 3744756.718 460.00
   LOCATION L0000630     VOLUME   476527.866 3744764.010 460.00
   LOCATION L0000631     VOLUME   476539.817 3744771.302 459.67
   LOCATION L0000632     VOLUME   476552.376 3744777.443 459.25
   LOCATION L0000633     VOLUME   476565.135 3744783.206 458.82
   LOCATION L0000634     VOLUME   476577.894 3744788.968 458.40
   LOCATION L0000635     VOLUME   476590.653 3744794.730 458.00
   LOCATION L0000636     VOLUME   476603.623 3744799.952 458.00
   LOCATION L0000637     VOLUME   476616.920 3744804.331 458.00
   LOCATION L0000638     VOLUME   476630.217 3744808.711 457.86
   LOCATION L0000639     VOLUME   476643.515 3744813.090 457.56
   LOCATION L0000640     VOLUME   476656.812 3744817.470 457.22
   LOCATION L0000641     VOLUME   476670.110 3744821.849 457.05
   LOCATION L0000642     VOLUME   476683.301 3744826.534 457.00
   LOCATION L0000643     VOLUME   476696.458 3744831.318 457.00
   LOCATION L0000644     VOLUME   476709.615 3744836.103 457.00
   LOCATION L0000645     VOLUME   476722.773 3744840.887 457.00
   LOCATION L0000646     VOLUME   476735.930 3744845.671 457.00
   LOCATION L0000647     VOLUME   476749.087 3744850.456 457.00
   LOCATION L0000648     VOLUME   476762.244 3744855.240 457.00
   LOCATION L0000649     VOLUME   476775.401 3744860.025 457.00
   LOCATION L0000650     VOLUME   476788.558 3744864.809 457.00
   LOCATION L0000651     VOLUME   476801.715 3744869.593 456.00
   LOCATION L0000652     VOLUME   476814.872 3744874.378 456.00
   LOCATION L0000653     VOLUME   476828.029 3744879.162 456.00
   LOCATION L0000654     VOLUME   476841.187 3744883.947 456.00
   LOCATION L0000655     VOLUME   476854.344 3744888.731 456.00
   LOCATION L0000656     VOLUME   476867.501 3744893.516 456.00
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Harvill S 60%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 6.302E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
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** 477100.871, 3743017.267, 459.93, 3.49, 6.51
** 477191.562, 3742771.282, 458.98, 3.49, 6.51
** 477228.833, 3742664.440, 458.90, 3.49, 6.51
** 477237.529, 3742629.655, 458.50, 3.49, 6.51
** 477241.256, 3742593.626, 458.17, 3.49, 6.51
** 477241.256, 3742575.612, 458.18, 3.49, 6.51
** 477576.690, 3742574.991, 452.03, 3.49, 6.51
** 477868.263, 3742567.757, 448.18, 3.49, 6.51
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   LOCATION L0000658     VOLUME   476987.656 3743355.151 460.74
   LOCATION L0000659     VOLUME   476992.104 3743341.877 460.59
   LOCATION L0000660     VOLUME   476996.552 3743328.602 460.44
   LOCATION L0000661     VOLUME   477001.000 3743315.327 460.30
   LOCATION L0000662     VOLUME   477005.448 3743302.053 460.15
   LOCATION L0000663     VOLUME   477009.896 3743288.778 460.00
   LOCATION L0000664     VOLUME   477014.344 3743275.503 460.00
   LOCATION L0000665     VOLUME   477018.792 3743262.229 460.09
   LOCATION L0000666     VOLUME   477023.239 3743248.954 460.32
   LOCATION L0000667     VOLUME   477027.687 3743235.679 460.41
   LOCATION L0000668     VOLUME   477032.135 3743222.405 460.26
   LOCATION L0000669     VOLUME   477036.583 3743209.130 460.11
   LOCATION L0000670     VOLUME   477041.031 3743195.856 460.00
   LOCATION L0000671     VOLUME   477045.479 3743182.581 460.00
   LOCATION L0000672     VOLUME   477049.927 3743169.306 460.00
   LOCATION L0000673     VOLUME   477054.375 3743156.032 460.00
   LOCATION L0000674     VOLUME   477058.823 3743142.757 460.00
   LOCATION L0000675     VOLUME   477063.271 3743129.482 460.00
   LOCATION L0000676     VOLUME   477067.719 3743116.208 460.00
   LOCATION L0000677     VOLUME   477072.167 3743102.933 460.00
   LOCATION L0000678     VOLUME   477076.615 3743089.658 460.00
   LOCATION L0000679     VOLUME   477081.063 3743076.384 460.00
   LOCATION L0000680     VOLUME   477085.510 3743063.109 460.00
   LOCATION L0000681     VOLUME   477089.958 3743049.835 460.00
   LOCATION L0000682     VOLUME   477094.406 3743036.560 460.00
   LOCATION L0000683     VOLUME   477098.854 3743023.285 460.00
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   LOCATION L0000686     VOLUME   477113.204 3742983.815 459.56
   LOCATION L0000687     VOLUME   477118.047 3742970.680 459.39
   LOCATION L0000688     VOLUME   477122.890 3742957.544 459.23
   LOCATION L0000689     VOLUME   477127.733 3742944.408 459.07
   LOCATION L0000690     VOLUME   477132.576 3742931.273 459.15
   LOCATION L0000691     VOLUME   477137.419 3742918.137 459.45
   LOCATION L0000692     VOLUME   477142.262 3742905.001 459.59
   LOCATION L0000693     VOLUME   477147.105 3742891.866 459.43
   LOCATION L0000694     VOLUME   477151.948 3742878.730 459.26
   LOCATION L0000695     VOLUME   477156.791 3742865.594 459.10
   LOCATION L0000696     VOLUME   477161.633 3742852.459 458.94
   LOCATION L0000697     VOLUME   477166.476 3742839.323 458.83
   LOCATION L0000698     VOLUME   477171.319 3742826.187 458.87
   LOCATION L0000699     VOLUME   477176.162 3742813.052 459.05
   LOCATION L0000700     VOLUME   477181.005 3742799.916 459.16
   LOCATION L0000701     VOLUME   477185.848 3742786.780 459.13
   LOCATION L0000702     VOLUME   477190.691 3742773.645 458.97
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   LOCATION L0000704     VOLUME   477199.955 3742747.222 458.66
   LOCATION L0000705     VOLUME   477204.566 3742734.003 458.51
   LOCATION L0000706     VOLUME   477209.178 3742720.784 458.47
   LOCATION L0000707     VOLUME   477213.789 3742707.566 458.70
   LOCATION L0000708     VOLUME   477218.400 3742694.347 459.00
   LOCATION L0000709     VOLUME   477223.011 3742681.128 458.90
   LOCATION L0000710     VOLUME   477227.623 3742667.909 458.74
   LOCATION L0000711     VOLUME   477231.337 3742654.422 458.62
   LOCATION L0000712     VOLUME   477234.733 3742640.840 458.50
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   LOCATION L0000713     VOLUME   477237.783 3742627.198 458.40
   LOCATION L0000714     VOLUME   477239.224 3742613.272 458.35
   LOCATION L0000715     VOLUME   477240.664 3742599.346 458.31
   LOCATION L0000716     VOLUME   477241.256 3742585.377 458.29
   LOCATION L0000717     VOLUME   477245.491 3742575.605 458.16
   LOCATION L0000718     VOLUME   477259.491 3742575.579 458.01
   LOCATION L0000719     VOLUME   477273.491 3742575.553 458.00
   LOCATION L0000720     VOLUME   477287.491 3742575.527 457.75
   LOCATION L0000721     VOLUME   477301.491 3742575.501 457.28
   LOCATION L0000722     VOLUME   477315.491 3742575.475 456.81
   LOCATION L0000723     VOLUME   477329.491 3742575.449 456.35
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   LOCATION L0000727     VOLUME   477385.491 3742575.345 456.00
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   LOCATION L0000729     VOLUME   477413.491 3742575.293 455.55
   LOCATION L0000730     VOLUME   477427.491 3742575.267 455.08
   LOCATION L0000731     VOLUME   477441.491 3742575.242 454.62
   LOCATION L0000732     VOLUME   477455.491 3742575.216 454.17
   LOCATION L0000733     VOLUME   477469.491 3742575.190 454.02
   LOCATION L0000734     VOLUME   477483.491 3742575.164 454.01
   LOCATION L0000735     VOLUME   477497.491 3742575.138 453.75
   LOCATION L0000736     VOLUME   477511.491 3742575.112 453.30
   LOCATION L0000737     VOLUME   477525.491 3742575.086 453.03
   LOCATION L0000738     VOLUME   477539.491 3742575.060 453.01
   LOCATION L0000739     VOLUME   477553.491 3742575.034 452.88
   LOCATION L0000740     VOLUME   477567.491 3742575.008 452.44
   LOCATION L0000741     VOLUME   477581.489 3742574.872 452.04
   LOCATION L0000742     VOLUME   477595.485 3742574.525 452.03
   LOCATION L0000743     VOLUME   477609.481 3742574.178 452.00
   LOCATION L0000744     VOLUME   477623.477 3742573.830 451.58
   LOCATION L0000745     VOLUME   477637.472 3742573.483 451.16
   LOCATION L0000746     VOLUME   477651.468 3742573.136 451.06
   LOCATION L0000747     VOLUME   477665.464 3742572.789 451.02
   LOCATION L0000748     VOLUME   477679.459 3742572.441 451.00
   LOCATION L0000749     VOLUME   477693.455 3742572.094 451.00
   LOCATION L0000750     VOLUME   477707.451 3742571.747 450.75
   LOCATION L0000751     VOLUME   477721.446 3742571.400 450.28
   LOCATION L0000752     VOLUME   477735.442 3742571.052 450.00
   LOCATION L0000753     VOLUME   477749.438 3742570.705 450.00
   LOCATION L0000754     VOLUME   477763.433 3742570.358 449.90
   LOCATION L0000755     VOLUME   477777.429 3742570.011 449.53
   LOCATION L0000756     VOLUME   477791.425 3742569.663 449.21
   LOCATION L0000757     VOLUME   477805.421 3742569.316 449.11
   LOCATION L0000758     VOLUME   477819.416 3742568.969 449.00
   LOCATION L0000759     VOLUME   477833.412 3742568.622 448.66
   LOCATION L0000760     VOLUME   477847.408 3742568.274 448.32
   LOCATION L0000761     VOLUME   477861.403 3742567.927 448.17
** End of LINE VOLUME Source ID = SLINE7
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000405     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000406     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000407     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000408     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000409     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000410     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000411     0.000003101      3.49      4.00      3.25
   SRCPARAM L0000412     0.000003101      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000413     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000414     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000415     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000416     0.0000001623      3.49      4.00      3.25
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   SRCPARAM L0000417     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000418     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000419     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000420     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000421     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000422     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000423     0.0000001623      3.49      4.00      3.25
   SRCPARAM L0000424     0.0000001623      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000425     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000426     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000427     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000428     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000429     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000430     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000431     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000432     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000433     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000434     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000435     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000436     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000437     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000438     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000439     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000440     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000441     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000442     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000443     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000444     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000445     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000446     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000447     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000448     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000449     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000450     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000451     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000452     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000453     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000454     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000455     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000456     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000457     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000458     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000459     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000460     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000461     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000462     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000463     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000464     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000465     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000466     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000467     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000468     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000469     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000470     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000471     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000472     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000473     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000474     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000475     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000476     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000477     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000478     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000479     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000480     0.00000003667      3.49      4.00      3.25
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   SRCPARAM L0000481     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000482     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000483     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000484     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000485     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000486     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000487     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000488     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000489     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000490     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000491     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000492     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000493     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000494     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000495     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000496     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000497     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000498     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000499     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000500     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000501     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000502     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000503     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000504     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000505     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000506     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000507     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000508     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000509     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000510     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000511     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000512     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000513     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000514     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000515     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000516     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000517     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000518     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000519     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000520     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000521     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000522     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000523     0.00000003667      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0000524     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000525     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000526     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000527     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000528     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000529     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000530     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000531     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000532     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000533     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000534     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000535     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000536     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000537     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000538     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000539     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000540     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000541     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000542     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000543     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000544     0.00000002472      3.49      4.00      3.25
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   SRCPARAM L0000545     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000546     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000547     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000548     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000549     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000550     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000551     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000552     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000553     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000554     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000555     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000556     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000557     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000558     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000559     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000560     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000561     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000562     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000563     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000564     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000565     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000566     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000567     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000568     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000569     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000570     0.00000002472      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0000571     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000572     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000573     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000574     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000575     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000576     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000577     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000578     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000579     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000580     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000581     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000582     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000583     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000584     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000585     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000586     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000587     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000588     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000589     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000590     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000591     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000592     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000593     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000594     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000595     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000596     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000597     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000598     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000599     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000600     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000601     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000602     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000603     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000604     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000605     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000606     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000607     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000608     0.0000000399      3.49      6.51      3.25
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   SRCPARAM L0000609     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000610     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000611     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000612     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000613     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000614     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000615     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000616     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000617     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000618     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000619     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000620     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000621     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000622     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000623     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000624     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000625     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000626     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000627     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000628     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000629     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000630     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000631     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000632     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000633     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000634     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000635     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000636     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000637     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000638     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000639     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000640     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000641     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000642     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000643     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000644     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000645     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000646     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000647     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000648     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000649     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000650     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000651     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000652     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000653     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000654     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000655     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000656     0.0000000399      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0000657     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000658     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000659     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000660     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000661     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000662     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000663     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000664     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000665     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000666     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000667     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000668     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000669     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000670     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000671     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000672     0.00000006002      3.49      6.51      3.25
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SRCPARAM L0000673     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000674     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000675     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000676     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000677     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000678     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000679     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000680     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000681     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000682     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000683     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000684     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000685     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000686     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000687     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000688     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000689     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000690     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000691     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000692     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000693     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000694     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000695     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000696     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000697     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000698     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000699     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000700     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000701     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000702     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000703     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000704     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000705     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000706     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000707     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000708     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000709     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000710     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000711     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000712     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000713     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000714     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000715     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000716     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000717     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000718     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000719     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000720     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000721     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000722     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000723     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000724     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000725     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000726     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000727     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000728     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000729     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000730     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000731     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000732     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000733     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000734     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000735     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000736     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000737     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000738     0.00000006002      3.49      6.51      3.25
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   SRCPARAM L0000739     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000740     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000741     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000742     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000743     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000744     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000745     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000746     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000747     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000748     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000749     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000750     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000751     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000752     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000753     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000754     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000755     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000756     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000757     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000758     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000759     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000760     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000761     0.00000006002      3.49      6.51      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
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** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "14443 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 "14443 Ops.AD\AN00GALL.PLT" 31
   SUMMFILE "14443 Ops.sum"
OU FINISHED
**
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** Project Parameters
****************************************
** PROJCTN  CoordinateSystemUTM
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** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/30/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443 Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14443 Patterson\14443 Ops\14443
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14443 Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002481
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476661.542, 3743879.661, 461.00, 3.49, 4.00
** 476727.118, 3743879.373, 460.07, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000405     VOLUME   476665.837 3743879.642 461.21
   LOCATION L0000406     VOLUME   476674.427 3743879.605 461.08
   LOCATION L0000407     VOLUME   476683.017 3743879.567 460.89
   LOCATION L0000408     VOLUME   476691.607 3743879.529 460.61
   LOCATION L0000409     VOLUME   476700.197 3743879.492 460.32
   LOCATION L0000410     VOLUME   476708.787 3743879.454 460.04
   LOCATION L0000411     VOLUME   476717.377 3743879.416 460.00
   LOCATION L0000412     VOLUME   476725.967 3743879.379 460.00
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
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** Emission Rate = 1.948E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 476626.667, 3743860.290, 461.79, 3.49, 4.00
** 476731.165, 3743860.688, 459.95, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0000413     VOLUME   476630.962 3743860.306 461.43
   LOCATION L0000414     VOLUME   476639.552 3743860.339 461.15
   LOCATION L0000415     VOLUME   476648.142 3743860.371 460.86
   LOCATION L0000416     VOLUME   476656.732 3743860.404 460.81
   LOCATION L0000417     VOLUME   476665.322 3743860.437 460.81
   LOCATION L0000418     VOLUME   476673.912 3743860.470 460.81
   LOCATION L0000419     VOLUME   476682.502 3743860.502 460.74
   LOCATION L0000420     VOLUME   476691.092 3743860.535 460.51
   LOCATION L0000421     VOLUME   476699.682 3743860.568 460.28
   LOCATION L0000422     VOLUME   476708.272 3743860.600 460.04
   LOCATION L0000423     VOLUME   476716.862 3743860.633 460.00
   LOCATION L0000424     VOLUME   476725.451 3743860.666 460.00
** End of LINE VOLUME Source ID = SLINE2
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Patterson S 60%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.63E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 476620.737, 3743860.660, 461.92, 3.49, 4.00
** 476620.356, 3743705.798, 461.00, 3.49, 4.00
** 476617.822, 3743367.821, 467.02, 3.49, 4.00
** 476673.722, 3743374.032, 465.41, 3.49, 4.00
** 476740.802, 3743375.896, 463.99, 3.49, 4.00
** 476798.565, 3743376.517, 462.24, 3.49, 4.00
** 476876.825, 3743375.896, 461.55, 3.49, 4.00
** 476954.464, 3743374.032, 460.88, 3.49, 4.00
** 476971.234, 3743374.653, 460.43, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0000425     VOLUME   476620.726 3743856.365 461.64
   LOCATION L0000426     VOLUME   476620.705 3743847.775 461.36
   LOCATION L0000427     VOLUME   476620.684 3743839.185 461.07
   LOCATION L0000428     VOLUME   476620.663 3743830.595 460.97
   LOCATION L0000429     VOLUME   476620.642 3743822.005 460.97
   LOCATION L0000430     VOLUME   476620.621 3743813.415 460.97
   LOCATION L0000431     VOLUME   476620.599 3743804.825 460.98
   LOCATION L0000432     VOLUME   476620.578 3743796.235 461.00
   LOCATION L0000433     VOLUME   476620.557 3743787.645 461.02
   LOCATION L0000434     VOLUME   476620.536 3743779.055 461.04
   LOCATION L0000435     VOLUME   476620.515 3743770.465 461.04
   LOCATION L0000436     VOLUME   476620.494 3743761.875 461.02
   LOCATION L0000437     VOLUME   476620.472 3743753.285 461.01
   LOCATION L0000438     VOLUME   476620.451 3743744.695 461.00
   LOCATION L0000439     VOLUME   476620.430 3743736.105 461.00
   LOCATION L0000440     VOLUME   476620.409 3743727.515 461.00
   LOCATION L0000441     VOLUME   476620.388 3743718.925 461.00
   LOCATION L0000442     VOLUME   476620.367 3743710.335 461.00
   LOCATION L0000443     VOLUME   476620.325 3743701.745 461.00
   LOCATION L0000444     VOLUME   476620.261 3743693.155 461.00
   LOCATION L0000445     VOLUME   476620.196 3743684.566 461.00
   LOCATION L0000446     VOLUME   476620.132 3743675.976 461.00
   LOCATION L0000447     VOLUME   476620.068 3743667.386 461.00
   LOCATION L0000448     VOLUME   476620.003 3743658.796 461.00
   LOCATION L0000449     VOLUME   476619.939 3743650.207 461.20
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LOCATION L0000450 VOLUME 476619.874 3743641.617 461.48
LOCATION L0000451 VOLUME 476619.810 3743633.027 461.77
LOCATION L0000452 VOLUME 476619.746 3743624.437 462.06
LOCATION L0000453 VOLUME 476619.681 3743615.848 462.34
LOCATION L0000454 VOLUME 476619.617 3743607.258 462.63
LOCATION L0000455 VOLUME 476619.552 3743598.668 462.92
LOCATION L0000456 VOLUME 476619.488 3743590.078 463.20
LOCATION L0000457 VOLUME 476619.424 3743581.489 463.49
LOCATION L0000458 VOLUME 476619.359 3743572.899 463.78
LOCATION L0000459 VOLUME 476619.295 3743564.309 463.94
LOCATION L0000460 VOLUME 476619.231 3743555.719 463.65
LOCATION L0000461 VOLUME 476619.166 3743547.130 463.37
LOCATION L0000462 VOLUME 476619.102 3743538.540 463.08
LOCATION L0000463 VOLUME 476619.037 3743529.950 463.00
LOCATION L0000464 VOLUME 476618.973 3743521.360 463.00
LOCATION L0000465 VOLUME 476618.909 3743512.771 463.00
LOCATION L0000466 VOLUME 476618.844 3743504.181 463.07
LOCATION L0000467 VOLUME 476618.780 3743495.591 463.35
LOCATION L0000468 VOLUME 476618.715 3743487.001 463.64
LOCATION L0000469 VOLUME 476618.651 3743478.412 463.93
LOCATION L0000470 VOLUME 476618.587 3743469.822 464.21
LOCATION L0000471 VOLUME 476618.522 3743461.232 464.50
LOCATION L0000472 VOLUME 476618.458 3743452.642 464.78
LOCATION L0000473 VOLUME 476618.393 3743444.052 465.07
LOCATION L0000474 VOLUME 476618.329 3743435.463 465.36
LOCATION L0000475 VOLUME 476618.265 3743426.873 465.64
LOCATION L0000476 VOLUME 476618.200 3743418.283 465.93
LOCATION L0000477 VOLUME 476618.136 3743409.693 466.22
LOCATION L0000478 VOLUME 476618.071 3743401.104 466.50
LOCATION L0000479 VOLUME 476618.007 3743392.514 466.79
LOCATION L0000480 VOLUME 476617.943 3743383.924 467.00
LOCATION L0000481 VOLUME 476617.878 3743375.334 467.02
LOCATION L0000482 VOLUME 476618.892 3743367.940 467.02
LOCATION L0000483 VOLUME 476627.430 3743368.889 466.75
LOCATION L0000484 VOLUME 476635.967 3743369.837 466.46
LOCATION L0000485 VOLUME 476644.504 3743370.786 466.18
LOCATION L0000486 VOLUME 476653.042 3743371.735 465.94
LOCATION L0000487 VOLUME 476661.579 3743372.683 465.78
LOCATION L0000488 VOLUME 476670.117 3743373.632 465.61
LOCATION L0000489 VOLUME 476678.683 3743374.170 465.42
LOCATION L0000490 VOLUME 476687.269 3743374.409 465.30
LOCATION L0000491 VOLUME 476695.856 3743374.647 465.18
LOCATION L0000492 VOLUME 476704.443 3743374.886 465.07
LOCATION L0000493 VOLUME 476713.029 3743375.124 464.89
LOCATION L0000494 VOLUME 476721.616 3743375.363 464.61
LOCATION L0000495 VOLUME 476730.203 3743375.601 464.32
LOCATION L0000496 VOLUME 476738.790 3743375.840 464.04
LOCATION L0000497 VOLUME 476747.378 3743375.966 463.75
LOCATION L0000498 VOLUME 476755.968 3743376.059 463.46
LOCATION L0000499 VOLUME 476764.557 3743376.151 463.18
LOCATION L0000500 VOLUME 476773.147 3743376.243 463.00
LOCATION L0000501 VOLUME 476781.736 3743376.336 463.00
LOCATION L0000502 VOLUME 476790.326 3743376.428 462.32
LOCATION L0000503 VOLUME 476798.915 3743376.514 462.32
LOCATION L0000504 VOLUME 476807.505 3743376.446 462.24
LOCATION L0000505 VOLUME 476816.095 3743376.378 462.15
LOCATION L0000506 VOLUME 476824.685 3743376.309 462.06
LOCATION L0000507 VOLUME 476833.274 3743376.241 462.00
LOCATION L0000508 VOLUME 476841.864 3743376.173 462.00
LOCATION L0000509 VOLUME 476850.454 3743376.105 462.00
LOCATION L0000510 VOLUME 476859.044 3743376.037 462.00
LOCATION L0000511 VOLUME 476867.633 3743375.969 461.83
LOCATION L0000512 VOLUME 476876.223 3743375.900 461.64
LOCATION L0000513 VOLUME 476884.811 3743375.704 461.46
LOCATION L0000514 VOLUME 476893.398 3743375.498 461.31
LOCATION L0000515 VOLUME 476901.986 3743375.292 461.22

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   LOCATION L0000516     VOLUME   476910.573 3743375.086 461.11
   LOCATION L0000517     VOLUME   476919.161 3743374.880 461.01
   LOCATION L0000518     VOLUME   476927.748 3743374.674 461.00
   LOCATION L0000519     VOLUME   476936.336 3743374.467 461.00
   LOCATION L0000520     VOLUME   476944.923 3743374.261 461.00
   LOCATION L0000521     VOLUME   476953.511 3743374.055 460.93
   LOCATION L0000522     VOLUME   476962.095 3743374.315 460.75
   LOCATION L0000523     VOLUME   476970.679 3743374.633 460.57
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Patterson N 40%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.162E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 476619.442, 3743862.085, 461.96, 3.49, 4.00
** 476619.442, 3744032.626, 461.92, 3.49, 4.00
** 476621.026, 3744175.183, 461.06, 3.49, 4.00
** 476714.480, 3744176.239, 459.88, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000524     VOLUME   476619.442 3743866.380 462.00
   LOCATION L0000525     VOLUME   476619.442 3743874.970 462.00
   LOCATION L0000526     VOLUME   476619.442 3743883.560 462.01
   LOCATION L0000527     VOLUME   476619.442 3743892.150 462.01
   LOCATION L0000528     VOLUME   476619.442 3743900.740 462.16
   LOCATION L0000529     VOLUME   476619.442 3743909.330 462.45
   LOCATION L0000530     VOLUME   476619.442 3743917.920 462.73
   LOCATION L0000531     VOLUME   476619.442 3743926.510 463.00
   LOCATION L0000532     VOLUME   476619.442 3743935.100 463.00
   LOCATION L0000533     VOLUME   476619.442 3743943.690 463.00
   LOCATION L0000534     VOLUME   476619.442 3743952.280 463.00
   LOCATION L0000535     VOLUME   476619.442 3743960.870 462.85
   LOCATION L0000536     VOLUME   476619.442 3743969.460 462.56
   LOCATION L0000537     VOLUME   476619.442 3743978.050 462.28
   LOCATION L0000538     VOLUME   476619.442 3743986.640 462.01
   LOCATION L0000539     VOLUME   476619.442 3743995.230 462.01
   LOCATION L0000540     VOLUME   476619.442 3744003.820 462.01
   LOCATION L0000541     VOLUME   476619.442 3744012.410 462.00
   LOCATION L0000542     VOLUME   476619.442 3744021.000 462.00
   LOCATION L0000543     VOLUME   476619.442 3744029.590 462.00
   LOCATION L0000544     VOLUME   476619.504 3744038.180 462.00
   LOCATION L0000545     VOLUME   476619.599 3744046.769 462.00
   LOCATION L0000546     VOLUME   476619.695 3744055.359 462.00
   LOCATION L0000547     VOLUME   476619.790 3744063.948 462.00
   LOCATION L0000548     VOLUME   476619.885 3744072.537 462.00
   LOCATION L0000549     VOLUME   476619.981 3744081.127 462.00
   LOCATION L0000550     VOLUME   476620.076 3744089.716 461.99
   LOCATION L0000551     VOLUME   476620.172 3744098.306 461.99
   LOCATION L0000552     VOLUME   476620.267 3744106.895 461.96
   LOCATION L0000553     VOLUME   476620.363 3744115.485 461.68
   LOCATION L0000554     VOLUME   476620.458 3744124.074 461.40
   LOCATION L0000555     VOLUME   476620.554 3744132.664 461.11
   LOCATION L0000556     VOLUME   476620.649 3744141.253 461.00
   LOCATION L0000557     VOLUME   476620.744 3744149.843 461.00
   LOCATION L0000558     VOLUME   476620.840 3744158.432 461.00
   LOCATION L0000559     VOLUME   476620.935 3744167.022 461.00
   LOCATION L0000560     VOLUME   476621.454 3744175.188 461.00
   LOCATION L0000561     VOLUME   476630.044 3744175.285 461.00
   LOCATION L0000562     VOLUME   476638.633 3744175.382 461.00
   LOCATION L0000563     VOLUME   476647.223 3744175.479 461.00
   LOCATION L0000564     VOLUME   476655.812 3744175.576 460.80
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   LOCATION L0000565     VOLUME   476664.401 3744175.673 460.51
   LOCATION L0000566     VOLUME   476672.991 3744175.770 460.23
   LOCATION L0000567     VOLUME   476681.580 3744175.867 460.00
   LOCATION L0000568     VOLUME   476690.170 3744175.964 460.00
   LOCATION L0000569     VOLUME   476698.759 3744176.061 460.00
   LOCATION L0000570     VOLUME   476707.349 3744176.158 460.00
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Harvill N 40%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 3.431E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 16
** 476724.089, 3744175.315, 459.60, 3.49, 6.51
** 476723.192, 3744217.502, 459.24, 3.49, 6.51
** 476717.806, 3744270.011, 458.91, 3.49, 6.51
** 476704.342, 3744313.095, 459.03, 3.49, 6.51
** 476684.596, 3744349.896, 459.06, 3.49, 6.51
** 476663.951, 3744379.517, 459.61, 3.49, 6.51
** 476614.584, 3744423.947, 459.93, 3.49, 6.51
** 476485.331, 3744514.155, 461.63, 3.49, 6.51
** 476358.323, 3744607.504, 463.00, 3.49, 6.51
** 476391.085, 3744652.383, 462.13, 3.49, 6.51
** 476445.837, 3744710.277, 460.96, 3.49, 6.51
** 476489.819, 3744740.795, 460.23, 3.49, 6.51
** 476542.777, 3744773.108, 459.66, 3.49, 6.51
** 476598.427, 3744798.241, 458.04, 3.49, 6.51
** 476673.376, 3744822.925, 457.00, 3.49, 6.51
** 476870.845, 3744894.732, 456.00, 3.49, 6.51
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   LOCATION L0000571     VOLUME   476723.941 3744182.314 459.53
   LOCATION L0000572     VOLUME   476723.643 3744196.311 459.54
   LOCATION L0000573     VOLUME   476723.345 3744210.308 459.29
   LOCATION L0000574     VOLUME   476722.498 3744224.270 459.04
   LOCATION L0000575     VOLUME   476721.069 3744238.197 458.85
   LOCATION L0000576     VOLUME   476719.641 3744252.124 458.72
   LOCATION L0000577     VOLUME   476718.212 3744266.051 458.72
   LOCATION L0000578     VOLUME   476714.818 3744279.574 458.83
   LOCATION L0000579     VOLUME   476710.642 3744292.937 458.97
   LOCATION L0000580     VOLUME   476706.466 3744306.300 459.11
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   LOCATION L0000582     VOLUME   476694.470 3744331.494 459.25
   LOCATION L0000583     VOLUME   476687.850 3744343.831 459.06
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   LOCATION L0000591     VOLUME   476612.456 3744425.432 460.00
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   LOCATION L0000621     VOLUME   476426.668 3744690.009 461.44
   LOCATION L0000622     VOLUME   476436.288 3744700.180 461.12
   LOCATION L0000623     VOLUME   476445.922 3744710.336 460.83
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   LOCATION L0000640     VOLUME   476656.812 3744817.470 457.22
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** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Harvill S 60%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 6.302E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
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** 477241.256, 3742593.626, 458.17, 3.49, 6.51
** 477241.256, 3742575.612, 458.18, 3.49, 6.51
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   LOCATION L0000692     VOLUME   477142.262 3742905.001 459.59
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   LOCATION L0000743     VOLUME   477609.481 3742574.178 452.00
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** Source Parameters **
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   SRCPARAM L0000424     0.0000001623      3.49      4.00      3.25
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   SRCPARAM L0000510     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000511     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000512     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000513     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000514     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000515     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000516     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000517     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000518     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000519     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000520     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000521     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000522     0.00000003667      3.49      4.00      3.25
   SRCPARAM L0000523     0.00000003667      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0000524     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000525     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000526     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000527     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000528     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000529     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000530     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000531     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000532     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000533     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000534     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000535     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000536     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000537     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000538     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000539     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000540     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000541     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000542     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000543     0.00000002472      3.49      4.00      3.25
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   SRCPARAM L0000544     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000545     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000546     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000547     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000548     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000549     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000550     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000551     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000552     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000553     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000554     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000555     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000556     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000557     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000558     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000559     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000560     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000561     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000562     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000563     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000564     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000565     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000566     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000567     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000568     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000569     0.00000002472      3.49      4.00      3.25
   SRCPARAM L0000570     0.00000002472      3.49      4.00      3.25
** --------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0000571     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000572     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000573     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000574     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000575     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000576     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000577     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000578     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000579     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000580     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000581     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000582     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000583     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000584     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000585     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000586     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000587     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000588     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000589     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000590     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000591     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000592     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000593     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000594     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000595     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000596     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000597     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000598     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000599     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000600     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000601     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000602     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000603     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000604     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000605     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000606     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000607     0.0000000399      3.49      6.51      3.25
```

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   SRCPARAM L0000608     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000609     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000610     0.0000000399      3.49      6.51      3.25
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   SRCPARAM L0000612     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000613     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000614     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000615     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000616     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000617     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000618     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000619     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000620     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000621     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000622     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000623     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000624     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000625     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000626     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000627     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000628     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000629     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000630     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000631     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000632     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000633     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000634     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000635     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000636     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000637     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000638     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000639     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000640     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000641     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000642     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000643     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000644     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000645     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000646     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000647     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000648     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000649     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000650     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000651     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000652     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000653     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000654     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000655     0.0000000399      3.49      6.51      3.25
   SRCPARAM L0000656     0.0000000399      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0000657     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000658     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000659     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000660     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000661     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000662     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000663     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000664     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000665     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000666     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000667     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000668     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000669     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000670     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000671     0.00000006002      3.49      6.51      3.25
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SRCPARAM L0000672     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000673     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000674     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000675     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000676     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000677     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000678     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000679     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000680     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000681     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000682     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000683     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000684     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000685     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000686     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000687     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000688     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000689     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000690     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000691     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000692     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000693     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000694     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000695     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000696     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000697     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000698     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000699     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000700     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000701     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000702     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000703     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000704     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000705     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000706     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000707     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000708     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000709     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000710     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000711     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000712     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000713     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000714     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000715     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000716     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000717     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000718     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000719     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000720     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000721     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000722     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000723     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000724     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000725     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000726     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000727     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000728     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000729     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000730     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000731     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000732     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000733     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000734     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000735     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000736     0.00000006002      3.49      6.51      3.25
SRCPARAM L0000737     0.00000006002      3.49      6.51      3.25
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   SRCPARAM L0000738     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000739     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000740     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000741     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000742     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000743     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000744     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000745     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000746     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000747     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000748     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000749     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000750     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000751     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000752     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000753     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000754     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000755     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000756     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000757     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000758     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000759     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000760     0.00000006002      3.49      6.51      3.25
   SRCPARAM L0000761     0.00000006002      3.49      6.51      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14443 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 "14443 Ops.AD\AN00GALL.PLT" 31
   SUMMFILE "14443 Ops.sum"
OU FINISHED


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

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 --------- 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     908       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     908       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        01/30/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:42:05

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   357 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:    357 Source(s);       1 Source Group(s); and      65 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    357 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: 14443
Ops.err
**File for Summary of Results: 14443
Ops.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0000405	0	0.31010E-05	476665.8	3743879.6	461.2	3.49	4.00	3.25	YES
L0000406	0	0.31010E-05	476674.4	3743879.6	461.1	3.49	4.00	3.25	YES
L0000407	0	0.31010E-05	476683.0	3743879.6	460.9	3.49	4.00	3.25	YES
L0000408	0	0.31010E-05	476691.6	3743879.5	460.6	3.49	4.00	3.25	YES
L0000409	0	0.31010E-05	476700.2	3743879.5	460.3	3.49	4.00	3.25	YES
L0000410	0	0.31010E-05	476708.8	3743879.5	460.0	3.49	4.00	3.25	YES
L0000411	0	0.31010E-05	476717.4	3743879.4	460.0	3.49	4.00	3.25	

YES								
L0000412	0	0.31010E-05	476726.0	3743879.4	460.0	3.49	4.00	3.25
YES								
L0000413	0	0.16230E-06	476631.0	3743860.3	461.4	3.49	4.00	3.25
YES								
L0000414	0	0.16230E-06	476639.6	3743860.3	461.2	3.49	4.00	3.25
YES								
L0000415	0	0.16230E-06	476648.1	3743860.4	460.9	3.49	4.00	3.25
YES								
L0000416	0	0.16230E-06	476656.7	3743860.4	460.8	3.49	4.00	3.25
YES								
L0000417	0	0.16230E-06	476665.3	3743860.4	460.8	3.49	4.00	3.25
YES								
L0000418	0	0.16230E-06	476673.9	3743860.5	460.8	3.49	4.00	3.25
YES								
L0000419	0	0.16230E-06	476682.5	3743860.5	460.7	3.49	4.00	3.25
YES								
L0000420	0	0.16230E-06	476691.1	3743860.5	460.5	3.49	4.00	3.25
YES								
L0000421	0	0.16230E-06	476699.7	3743860.6	460.3	3.49	4.00	3.25
YES								
L0000422	0	0.16230E-06	476708.3	3743860.6	460.0	3.49	4.00	3.25
YES								
L0000423	0	0.16230E-06	476716.9	3743860.6	460.0	3.49	4.00	3.25
YES								
L0000424	0	0.16230E-06	476725.5	3743860.7	460.0	3.49	4.00	3.25
YES								
L0000425	0	0.36670E-07	476620.7	3743856.4	461.6	3.49	4.00	3.25
YES								
L0000426	0	0.36670E-07	476620.7	3743847.8	461.4	3.49	4.00	3.25
YES								
L0000427	0	0.36670E-07	476620.7	3743839.2	461.1	3.49	4.00	3.25
YES								
L0000428	0	0.36670E-07	476620.7	3743830.6	461.0	3.49	4.00	3.25
YES								
L0000429	0	0.36670E-07	476620.6	3743822.0	461.0	3.49	4.00	3.25
YES								
L0000430	0	0.36670E-07	476620.6	3743813.4	461.0	3.49	4.00	3.25
YES								
L0000431	0	0.36670E-07	476620.6	3743804.8	461.0	3.49	4.00	3.25
YES								
L0000432	0	0.36670E-07	476620.6	3743796.2	461.0	3.49	4.00	3.25
YES								
L0000433	0	0.36670E-07	476620.6	3743787.6	461.0	3.49	4.00	3.25
YES								
L0000434	0	0.36670E-07	476620.5	3743779.1	461.0	3.49	4.00	3.25
YES								
L0000435	0	0.36670E-07	476620.5	3743770.5	461.0	3.49	4.00	3.25
YES								
L0000436	0	0.36670E-07	476620.5	3743761.9	461.0	3.49	4.00	3.25
YES								
L0000437	0	0.36670E-07	476620.5	3743753.3	461.0	3.49	4.00	3.25
YES								
L0000438	0	0.36670E-07	476620.5	3743744.7	461.0	3.49	4.00	3.25
YES								
L0000439	0	0.36670E-07	476620.4	3743736.1	461.0	3.49	4.00	3.25
YES								
L0000440	0	0.36670E-07	476620.4	3743727.5	461.0	3.49	4.00	3.25
YES								
L0000441	0	0.36670E-07	476620.4	3743718.9	461.0	3.49	4.00	3.25
YES								
L0000442	0	0.36670E-07	476620.4	3743710.3	461.0	3.49	4.00	3.25
YES								
L0000443	0	0.36670E-07	476620.3	3743701.7	461.0	3.49	4.00	3.25
YES								
L0000444	0	0.36670E-07	476620.3	3743693.2	461.0	3.49	4.00	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000445	0	0.36670E-07	476620.2	3743684.6	461.0	3.49	4.00	3.25	YES
L0000446	0	0.36670E-07	476620.1	3743676.0	461.0	3.49	4.00	3.25	YES
L0000447	0	0.36670E-07	476620.1	3743667.4	461.0	3.49	4.00	3.25	YES
L0000448	0	0.36670E-07	476620.0	3743658.8	461.0	3.49	4.00	3.25	YES
L0000449	0	0.36670E-07	476619.9	3743650.2	461.2	3.49	4.00	3.25	YES
L0000450	0	0.36670E-07	476619.9	3743641.6	461.5	3.49	4.00	3.25	YES
L0000451	0	0.36670E-07	476619.8	3743633.0	461.8	3.49	4.00	3.25	YES
L0000452	0	0.36670E-07	476619.7	3743624.4	462.1	3.49	4.00	3.25	YES
L0000453	0	0.36670E-07	476619.7	3743615.8	462.3	3.49	4.00	3.25	YES
L0000454	0	0.36670E-07	476619.6	3743607.3	462.6	3.49	4.00	3.25	YES
L0000455	0	0.36670E-07	476619.6	3743598.7	462.9	3.49	4.00	3.25	YES
L0000456	0	0.36670E-07	476619.5	3743590.1	463.2	3.49	4.00	3.25	YES
L0000457	0	0.36670E-07	476619.4	3743581.5	463.5	3.49	4.00	3.25	YES
L0000458	0	0.36670E-07	476619.4	3743572.9	463.8	3.49	4.00	3.25	YES
L0000459	0	0.36670E-07	476619.3	3743564.3	463.9	3.49	4.00	3.25	YES
L0000460	0	0.36670E-07	476619.2	3743555.7	463.7	3.49	4.00	3.25	YES
L0000461	0	0.36670E-07	476619.2	3743547.1	463.4	3.49	4.00	3.25	YES
L0000462	0	0.36670E-07	476619.1	3743538.5	463.1	3.49	4.00	3.25	YES
L0000463	0	0.36670E-07	476619.0	3743529.9	463.0	3.49	4.00	3.25	YES
L0000464	0	0.36670E-07	476619.0	3743521.4	463.0	3.49	4.00	3.25	YES
L0000465	0	0.36670E-07	476618.9	3743512.8	463.0	3.49	4.00	3.25	YES
L0000466	0	0.36670E-07	476618.8	3743504.2	463.1	3.49	4.00	3.25	YES
L0000467	0	0.36670E-07	476618.8	3743495.6	463.4	3.49	4.00	3.25	

YES
L0000468 0 0.36670E-07 476618.7 3743487.0 463.6 3.49 4.00 3.25
YES
L0000469 0 0.36670E-07 476618.7 3743478.4 463.9 3.49 4.00 3.25
YES
L0000470 0 0.36670E-07 476618.6 3743469.8 464.2 3.49 4.00 3.25
YES
L0000471 0 0.36670E-07 476618.5 3743461.2 464.5 3.49 4.00 3.25
YES
L0000472 0 0.36670E-07 476618.5 3743452.6 464.8 3.49 4.00 3.25
YES
L0000473 0 0.36670E-07 476618.4 3743444.1 465.1 3.49 4.00 3.25
YES
L0000474 0 0.36670E-07 476618.3 3743435.5 465.4 3.49 4.00 3.25
YES
L0000475 0 0.36670E-07 476618.3 3743426.9 465.6 3.49 4.00 3.25
YES
L0000476 0 0.36670E-07 476618.2 3743418.3 465.9 3.49 4.00 3.25
YES
L0000477 0 0.36670E-07 476618.1 3743409.7 466.2 3.49 4.00 3.25
YES
L0000478 0 0.36670E-07 476618.1 3743401.1 466.5 3.49 4.00 3.25
YES
L0000479 0 0.36670E-07 476618.0 3743392.5 466.8 3.49 4.00 3.25
YES
L0000480 0 0.36670E-07 476617.9 3743383.9 467.0 3.49 4.00 3.25
YES
L0000481 0 0.36670E-07 476617.9 3743375.3 467.0 3.49 4.00 3.25
YES
L0000482 0 0.36670E-07 476618.9 3743367.9 467.0 3.49 4.00 3.25
YES
L0000483 0 0.36670E-07 476627.4 3743368.9 466.8 3.49 4.00 3.25
YES
L0000484 0 0.36670E-07 476636.0 3743369.8 466.5 3.49 4.00 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000485	0	0.36670E-07	476644.5	3743370.8	466.2	3.49	4.00	3.25	YES
L0000486	0	0.36670E-07	476653.0	3743371.7	465.9	3.49	4.00	3.25	YES
L0000487	0	0.36670E-07	476661.6	3743372.7	465.8	3.49	4.00	3.25	YES
L0000488	0	0.36670E-07	476670.1	3743373.6	465.6	3.49	4.00	3.25	YES
L0000489	0	0.36670E-07	476678.7	3743374.2	465.4	3.49	4.00	3.25	YES
L0000490	0	0.36670E-07	476687.3	3743374.4	465.3	3.49	4.00	3.25	

YES								
L0000491	0	0.36670E-07	476695.9	3743374.6	465.2	3.49	4.00	3.25
YES								
L0000492	0	0.36670E-07	476704.4	3743374.9	465.1	3.49	4.00	3.25
YES								
L0000493	0	0.36670E-07	476713.0	3743375.1	464.9	3.49	4.00	3.25
YES								
L0000494	0	0.36670E-07	476721.6	3743375.4	464.6	3.49	4.00	3.25
YES								
L0000495	0	0.36670E-07	476730.2	3743375.6	464.3	3.49	4.00	3.25
YES								
L0000496	0	0.36670E-07	476738.8	3743375.8	464.0	3.49	4.00	3.25
YES								
L0000497	0	0.36670E-07	476747.4	3743376.0	463.8	3.49	4.00	3.25
YES								
L0000498	0	0.36670E-07	476756.0	3743376.1	463.5	3.49	4.00	3.25
YES								
L0000499	0	0.36670E-07	476764.6	3743376.2	463.2	3.49	4.00	3.25
YES								
L0000500	0	0.36670E-07	476773.1	3743376.2	463.0	3.49	4.00	3.25
YES								
L0000501	0	0.36670E-07	476781.7	3743376.3	463.0	3.49	4.00	3.25
YES								
L0000502	0	0.36670E-07	476790.3	3743376.4	462.3	3.49	4.00	3.25
YES								
L0000503	0	0.36670E-07	476798.9	3743376.5	462.3	3.49	4.00	3.25
YES								
L0000504	0	0.36670E-07	476807.5	3743376.4	462.2	3.49	4.00	3.25
YES								
L0000505	0	0.36670E-07	476816.1	3743376.4	462.2	3.49	4.00	3.25
YES								
L0000506	0	0.36670E-07	476824.7	3743376.3	462.1	3.49	4.00	3.25
YES								
L0000507	0	0.36670E-07	476833.3	3743376.2	462.0	3.49	4.00	3.25
YES								
L0000508	0	0.36670E-07	476841.9	3743376.2	462.0	3.49	4.00	3.25
YES								
L0000509	0	0.36670E-07	476850.5	3743376.1	462.0	3.49	4.00	3.25
YES								
L0000510	0	0.36670E-07	476859.0	3743376.0	462.0	3.49	4.00	3.25
YES								
L0000511	0	0.36670E-07	476867.6	3743376.0	461.8	3.49	4.00	3.25
YES								
L0000512	0	0.36670E-07	476876.2	3743375.9	461.6	3.49	4.00	3.25
YES								
L0000513	0	0.36670E-07	476884.8	3743375.7	461.5	3.49	4.00	3.25
YES								
L0000514	0	0.36670E-07	476893.4	3743375.5	461.3	3.49	4.00	3.25
YES								
L0000515	0	0.36670E-07	476902.0	3743375.3	461.2	3.49	4.00	3.25
YES								
L0000516	0	0.36670E-07	476910.6	3743375.1	461.1	3.49	4.00	3.25
YES								
L0000517	0	0.36670E-07	476919.2	3743374.9	461.0	3.49	4.00	3.25
YES								
L0000518	0	0.36670E-07	476927.7	3743374.7	461.0	3.49	4.00	3.25
YES								
L0000519	0	0.36670E-07	476936.3	3743374.5	461.0	3.49	4.00	3.25
YES								
L0000520	0	0.36670E-07	476944.9	3743374.3	461.0	3.49	4.00	3.25
YES								
L0000521	0	0.36670E-07	476953.5	3743374.1	460.9	3.49	4.00	3.25
YES								
L0000522	0	0.36670E-07	476962.1	3743374.3	460.8	3.49	4.00	3.25
YES								
L0000523	0	0.36670E-07	476970.7	3743374.6	460.6	3.49	4.00	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0000525	0	0.24720E-07	476619.4	3743875.0	462.0	3.49	4.00	3.25	YES
L0000526	0	0.24720E-07	476619.4	3743883.6	462.0	3.49	4.00	3.25	YES
L0000527	0	0.24720E-07	476619.4	3743892.1	462.0	3.49	4.00	3.25	YES
L0000528	0	0.24720E-07	476619.4	3743900.7	462.2	3.49	4.00	3.25	YES
L0000529	0	0.24720E-07	476619.4	3743909.3	462.4	3.49	4.00	3.25	YES
L0000530	0	0.24720E-07	476619.4	3743917.9	462.7	3.49	4.00	3.25	YES
L0000531	0	0.24720E-07	476619.4	3743926.5	463.0	3.49	4.00	3.25	YES
L0000532	0	0.24720E-07	476619.4	3743935.1	463.0	3.49	4.00	3.25	YES
L0000533	0	0.24720E-07	476619.4	3743943.7	463.0	3.49	4.00	3.25	YES
L0000534	0	0.24720E-07	476619.4	3743952.3	463.0	3.49	4.00	3.25	YES
L0000535	0	0.24720E-07	476619.4	3743960.9	462.9	3.49	4.00	3.25	YES
L0000536	0	0.24720E-07	476619.4	3743969.5	462.6	3.49	4.00	3.25	YES
L0000537	0	0.24720E-07	476619.4	3743978.0	462.3	3.49	4.00	3.25	YES
L0000538	0	0.24720E-07	476619.4	3743986.6	462.0	3.49	4.00	3.25	YES
L0000539	0	0.24720E-07	476619.4	3743995.2	462.0	3.49	4.00	3.25	YES
L0000540	0	0.24720E-07	476619.4	3744003.8	462.0	3.49	4.00	3.25	YES
L0000541	0	0.24720E-07	476619.4	3744012.4	462.0	3.49	4.00	3.25	YES
L0000542	0	0.24720E-07	476619.4	3744021.0	462.0	3.49	4.00	3.25	YES
L0000543	0	0.24720E-07	476619.4	3744029.6	462.0	3.49	4.00	3.25	YES
L0000544	0	0.24720E-07	476619.5	3744038.2	462.0	3.49	4.00	3.25	YES
L0000545	0	0.24720E-07	476619.6	3744046.8	462.0	3.49	4.00	3.25	YES
L0000546	0	0.24720E-07	476619.7	3744055.4	462.0	3.49	4.00	3.25	

YES
L0000547 0 0.24720E-07 476619.8 3744063.9 462.0 3.49 4.00 3.25
YES
L0000548 0 0.24720E-07 476619.9 3744072.5 462.0 3.49 4.00 3.25
YES
L0000549 0 0.24720E-07 476620.0 3744081.1 462.0 3.49 4.00 3.25
YES
L0000550 0 0.24720E-07 476620.1 3744089.7 462.0 3.49 4.00 3.25
YES
L0000551 0 0.24720E-07 476620.2 3744098.3 462.0 3.49 4.00 3.25
YES
L0000552 0 0.24720E-07 476620.3 3744106.9 462.0 3.49 4.00 3.25
YES
L0000553 0 0.24720E-07 476620.4 3744115.5 461.7 3.49 4.00 3.25
YES
L0000554 0 0.24720E-07 476620.5 3744124.1 461.4 3.49 4.00 3.25
YES
L0000555 0 0.24720E-07 476620.6 3744132.7 461.1 3.49 4.00 3.25
YES
L0000556 0 0.24720E-07 476620.6 3744141.3 461.0 3.49 4.00 3.25
YES
L0000557 0 0.24720E-07 476620.7 3744149.8 461.0 3.49 4.00 3.25
YES
L0000558 0 0.24720E-07 476620.8 3744158.4 461.0 3.49 4.00 3.25
YES
L0000559 0 0.24720E-07 476620.9 3744167.0 461.0 3.49 4.00 3.25
YES
L0000560 0 0.24720E-07 476621.5 3744175.2 461.0 3.49 4.00 3.25
YES
L0000561 0 0.24720E-07 476630.0 3744175.3 461.0 3.49 4.00 3.25
YES
L0000562 0 0.24720E-07 476638.6 3744175.4 461.0 3.49 4.00 3.25
YES
L0000563 0 0.24720E-07 476647.2 3744175.5 461.0 3.49 4.00 3.25
YES
L0000564 0 0.24720E-07 476655.8 3744175.6 460.8 3.49 4.00 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0000565	0	0.24720E-07	476664.4	3744175.7	460.5	3.49	4.00	3.25
YES								
L0000566	0	0.24720E-07	476673.0	3744175.8	460.2	3.49	4.00	3.25
YES								
L0000567	0	0.24720E-07	476681.6	3744175.9	460.0	3.49	4.00	3.25
YES								
L0000568	0	0.24720E-07	476690.2	3744176.0	460.0	3.49	4.00	3.25
YES								
L0000569	0	0.24720E-07	476698.8	3744176.1	460.0	3.49	4.00	3.25

YES								
L0000570	0	0.24720E-07	476707.3	3744176.2	460.0	3.49	4.00	3.25
YES								
L0000571	0	0.39900E-07	476723.9	3744182.3	459.5	3.49	6.51	3.25
YES								
L0000572	0	0.39900E-07	476723.6	3744196.3	459.5	3.49	6.51	3.25
YES								
L0000573	0	0.39900E-07	476723.3	3744210.3	459.3	3.49	6.51	3.25
YES								
L0000574	0	0.39900E-07	476722.5	3744224.3	459.0	3.49	6.51	3.25
YES								
L0000575	0	0.39900E-07	476721.1	3744238.2	458.9	3.49	6.51	3.25
YES								
L0000576	0	0.39900E-07	476719.6	3744252.1	458.7	3.49	6.51	3.25
YES								
L0000577	0	0.39900E-07	476718.2	3744266.1	458.7	3.49	6.51	3.25
YES								
L0000578	0	0.39900E-07	476714.8	3744279.6	458.8	3.49	6.51	3.25
YES								
L0000579	0	0.39900E-07	476710.6	3744292.9	459.0	3.49	6.51	3.25
YES								
L0000580	0	0.39900E-07	476706.5	3744306.3	459.1	3.49	6.51	3.25
YES								
L0000581	0	0.39900E-07	476701.1	3744319.2	459.3	3.49	6.51	3.25
YES								
L0000582	0	0.39900E-07	476694.5	3744331.5	459.2	3.49	6.51	3.25
YES								
L0000583	0	0.39900E-07	476687.8	3744343.8	459.1	3.49	6.51	3.25
YES								
L0000584	0	0.39900E-07	476680.5	3744355.7	459.0	3.49	6.51	3.25
YES								
L0000585	0	0.39900E-07	476672.5	3744367.2	459.2	3.49	6.51	3.25
YES								
L0000586	0	0.39900E-07	476664.5	3744378.7	459.5	3.49	6.51	3.25
YES								
L0000587	0	0.39900E-07	476654.3	3744388.2	459.5	3.49	6.51	3.25
YES								
L0000588	0	0.39900E-07	476643.9	3744397.6	459.4	3.49	6.51	3.25
YES								
L0000589	0	0.39900E-07	476633.5	3744407.0	459.6	3.49	6.51	3.25
YES								
L0000590	0	0.39900E-07	476623.1	3744416.3	459.9	3.49	6.51	3.25
YES								
L0000591	0	0.39900E-07	476612.5	3744425.4	460.0	3.49	6.51	3.25
YES								
L0000592	0	0.39900E-07	476601.0	3744433.4	460.0	3.49	6.51	3.25
YES								
L0000593	0	0.39900E-07	476589.5	3744441.5	460.0	3.49	6.51	3.25
YES								
L0000594	0	0.39900E-07	476578.0	3744449.5	460.4	3.49	6.51	3.25
YES								
L0000595	0	0.39900E-07	476566.5	3744457.5	460.8	3.49	6.51	3.25
YES								
L0000596	0	0.39900E-07	476555.1	3744465.5	461.0	3.49	6.51	3.25
YES								
L0000597	0	0.39900E-07	476543.6	3744473.5	461.0	3.49	6.51	3.25
YES								
L0000598	0	0.39900E-07	476532.1	3744481.5	461.0	3.49	6.51	3.25
YES								
L0000599	0	0.39900E-07	476520.6	3744489.5	461.3	3.49	6.51	3.25
YES								
L0000600	0	0.39900E-07	476509.1	3744497.5	461.7	3.49	6.51	3.25
YES								
L0000601	0	0.39900E-07	476497.7	3744505.6	461.7	3.49	6.51	3.25
YES								
L0000602	0	0.39900E-07	476486.2	3744513.6	461.7	3.49	6.51	3.25

YES
L0000603 0 0.39900E-07 476474.9 3744521.8 461.9 3.49 6.51 3.25
YES
L0000604 0 0.39900E-07 476463.6 3744530.1 462.0 3.49 6.51 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000605	0	0.39900E-07	476452.3	3744538.4	462.0	3.49	6.51	3.25
YES								
L0000606	0	0.39900E-07	476441.0	3744546.7	462.0	3.49	6.51	3.25
YES								
L0000607	0	0.39900E-07	476429.8	3744555.0	462.0	3.49	6.51	3.25
YES								
L0000608	0	0.39900E-07	476418.5	3744563.3	462.0	3.49	6.51	3.25
YES								
L0000609	0	0.39900E-07	476407.2	3744571.6	462.1	3.49	6.51	3.25
YES								
L0000610	0	0.39900E-07	476395.9	3744579.9	462.5	3.49	6.51	3.25
YES								
L0000611	0	0.39900E-07	476384.6	3744588.2	462.8	3.49	6.51	3.25
YES								
L0000612	0	0.39900E-07	476373.3	3744596.5	463.0	3.49	6.51	3.25
YES								
L0000613	0	0.39900E-07	476362.1	3744604.8	463.0	3.49	6.51	3.25
YES								
L0000614	0	0.39900E-07	476363.8	3744615.1	463.0	3.49	6.51	3.25
YES								
L0000615	0	0.39900E-07	476372.1	3744626.4	462.8	3.49	6.51	3.25
YES								
L0000616	0	0.39900E-07	476380.3	3744637.7	462.3	3.49	6.51	3.25
YES								
L0000617	0	0.39900E-07	476388.6	3744649.0	462.0	3.49	6.51	3.25
YES								
L0000618	0	0.39900E-07	476397.8	3744659.5	462.0	3.49	6.51	3.25
YES								
L0000619	0	0.39900E-07	476407.4	3744669.7	462.0	3.49	6.51	3.25
YES								
L0000620	0	0.39900E-07	476417.0	3744679.8	461.8	3.49	6.51	3.25
YES								
L0000621	0	0.39900E-07	476426.7	3744690.0	461.4	3.49	6.51	3.25
YES								
L0000622	0	0.39900E-07	476436.3	3744700.2	461.1	3.49	6.51	3.25
YES								
L0000623	0	0.39900E-07	476445.9	3744710.3	460.8	3.49	6.51	3.25
YES								
L0000624	0	0.39900E-07	476457.4	3744718.3	460.7	3.49	6.51	3.25
YES								
L0000625	0	0.39900E-07	476468.9	3744726.3	460.7	3.49	6.51	3.25

YES
L0000626 0 0.39900E-07 476480.4 3744734.3 460.6 3.49 6.51 3.25
YES
L0000627 0 0.39900E-07 476492.0 3744742.1 460.2 3.49 6.51 3.25
YES
L0000628 0 0.39900E-07 476504.0 3744749.4 460.0 3.49 6.51 3.25
YES
L0000629 0 0.39900E-07 476515.9 3744756.7 460.0 3.49 6.51 3.25
YES
L0000630 0 0.39900E-07 476527.9 3744764.0 460.0 3.49 6.51 3.25
YES
L0000631 0 0.39900E-07 476539.8 3744771.3 459.7 3.49 6.51 3.25
YES
L0000632 0 0.39900E-07 476552.4 3744777.4 459.2 3.49 6.51 3.25
YES
L0000633 0 0.39900E-07 476565.1 3744783.2 458.8 3.49 6.51 3.25
YES
L0000634 0 0.39900E-07 476577.9 3744789.0 458.4 3.49 6.51 3.25
YES
L0000635 0 0.39900E-07 476590.7 3744794.7 458.0 3.49 6.51 3.25
YES
L0000636 0 0.39900E-07 476603.6 3744800.0 458.0 3.49 6.51 3.25
YES
L0000637 0 0.39900E-07 476616.9 3744804.3 458.0 3.49 6.51 3.25
YES
L0000638 0 0.39900E-07 476630.2 3744808.7 457.9 3.49 6.51 3.25
YES
L0000639 0 0.39900E-07 476643.5 3744813.1 457.6 3.49 6.51 3.25
YES
L0000640 0 0.39900E-07 476656.8 3744817.5 457.2 3.49 6.51 3.25
YES
L0000641 0 0.39900E-07 476670.1 3744821.8 457.1 3.49 6.51 3.25
YES
L0000642 0 0.39900E-07 476683.3 3744826.5 457.0 3.49 6.51 3.25
YES
L0000643 0 0.39900E-07 476696.5 3744831.3 457.0 3.49 6.51 3.25
YES
L0000644 0 0.39900E-07 476709.6 3744836.1 457.0 3.49 6.51 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000645	0	0.39900E-07	476722.8	3744840.9	457.0	3.49	6.51	3.25	YES
L0000646	0	0.39900E-07	476735.9	3744845.7	457.0	3.49	6.51	3.25	YES
L0000647	0	0.39900E-07	476749.1	3744850.5	457.0	3.49	6.51	3.25	YES
L0000648	0	0.39900E-07	476762.2	3744855.2	457.0	3.49	6.51	3.25	

YES								
L0000649	0	0.39900E-07	476775.4	3744860.0	457.0	3.49	6.51	3.25
YES								
L0000650	0	0.39900E-07	476788.6	3744864.8	457.0	3.49	6.51	3.25
YES								
L0000651	0	0.39900E-07	476801.7	3744869.6	456.0	3.49	6.51	3.25
YES								
L0000652	0	0.39900E-07	476814.9	3744874.4	456.0	3.49	6.51	3.25
YES								
L0000653	0	0.39900E-07	476828.0	3744879.2	456.0	3.49	6.51	3.25
YES								
L0000654	0	0.39900E-07	476841.2	3744883.9	456.0	3.49	6.51	3.25
YES								
L0000655	0	0.39900E-07	476854.3	3744888.7	456.0	3.49	6.51	3.25
YES								
L0000656	0	0.39900E-07	476867.5	3744893.5	456.0	3.49	6.51	3.25
YES								
L0000657	0	0.60020E-07	476983.2	3743368.4	460.5	3.49	6.51	3.25
YES								
L0000658	0	0.60020E-07	476987.7	3743355.2	460.7	3.49	6.51	3.25
YES								
L0000659	0	0.60020E-07	476992.1	3743341.9	460.6	3.49	6.51	3.25
YES								
L0000660	0	0.60020E-07	476996.6	3743328.6	460.4	3.49	6.51	3.25
YES								
L0000661	0	0.60020E-07	477001.0	3743315.3	460.3	3.49	6.51	3.25
YES								
L0000662	0	0.60020E-07	477005.4	3743302.1	460.2	3.49	6.51	3.25
YES								
L0000663	0	0.60020E-07	477009.9	3743288.8	460.0	3.49	6.51	3.25
YES								
L0000664	0	0.60020E-07	477014.3	3743275.5	460.0	3.49	6.51	3.25
YES								
L0000665	0	0.60020E-07	477018.8	3743262.2	460.1	3.49	6.51	3.25
YES								
L0000666	0	0.60020E-07	477023.2	3743249.0	460.3	3.49	6.51	3.25
YES								
L0000667	0	0.60020E-07	477027.7	3743235.7	460.4	3.49	6.51	3.25
YES								
L0000668	0	0.60020E-07	477032.1	3743222.4	460.3	3.49	6.51	3.25
YES								
L0000669	0	0.60020E-07	477036.6	3743209.1	460.1	3.49	6.51	3.25
YES								
L0000670	0	0.60020E-07	477041.0	3743195.9	460.0	3.49	6.51	3.25
YES								
L0000671	0	0.60020E-07	477045.5	3743182.6	460.0	3.49	6.51	3.25
YES								
L0000672	0	0.60020E-07	477049.9	3743169.3	460.0	3.49	6.51	3.25
YES								
L0000673	0	0.60020E-07	477054.4	3743156.0	460.0	3.49	6.51	3.25
YES								
L0000674	0	0.60020E-07	477058.8	3743142.8	460.0	3.49	6.51	3.25
YES								
L0000675	0	0.60020E-07	477063.3	3743129.5	460.0	3.49	6.51	3.25
YES								
L0000676	0	0.60020E-07	477067.7	3743116.2	460.0	3.49	6.51	3.25
YES								
L0000677	0	0.60020E-07	477072.2	3743102.9	460.0	3.49	6.51	3.25
YES								
L0000678	0	0.60020E-07	477076.6	3743089.7	460.0	3.49	6.51	3.25
YES								
L0000679	0	0.60020E-07	477081.1	3743076.4	460.0	3.49	6.51	3.25
YES								
L0000680	0	0.60020E-07	477085.5	3743063.1	460.0	3.49	6.51	3.25
YES								
L0000681	0	0.60020E-07	477090.0	3743049.8	460.0	3.49	6.51	3.25

YES
L0000682 0 0.60020E-07 477094.4 3743036.6 460.0 3.49 6.51 3.25
YES
L0000683 0 0.60020E-07 477098.9 3743023.3 460.0 3.49 6.51 3.25
YES
L0000684 0 0.60020E-07 477103.5 3743010.1 459.9 3.49 6.51 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000685	0	0.60020E-07	477108.4	3742997.0	459.7	3.49	6.51	3.25
YES								
L0000686	0	0.60020E-07	477113.2	3742983.8	459.6	3.49	6.51	3.25
YES								
L0000687	0	0.60020E-07	477118.0	3742970.7	459.4	3.49	6.51	3.25
YES								
L0000688	0	0.60020E-07	477122.9	3742957.5	459.2	3.49	6.51	3.25
YES								
L0000689	0	0.60020E-07	477127.7	3742944.4	459.1	3.49	6.51	3.25
YES								
L0000690	0	0.60020E-07	477132.6	3742931.3	459.2	3.49	6.51	3.25
YES								
L0000691	0	0.60020E-07	477137.4	3742918.1	459.4	3.49	6.51	3.25
YES								
L0000692	0	0.60020E-07	477142.3	3742905.0	459.6	3.49	6.51	3.25
YES								
L0000693	0	0.60020E-07	477147.1	3742891.9	459.4	3.49	6.51	3.25
YES								
L0000694	0	0.60020E-07	477151.9	3742878.7	459.3	3.49	6.51	3.25
YES								
L0000695	0	0.60020E-07	477156.8	3742865.6	459.1	3.49	6.51	3.25
YES								
L0000696	0	0.60020E-07	477161.6	3742852.5	458.9	3.49	6.51	3.25
YES								
L0000697	0	0.60020E-07	477166.5	3742839.3	458.8	3.49	6.51	3.25
YES								
L0000698	0	0.60020E-07	477171.3	3742826.2	458.9	3.49	6.51	3.25
YES								
L0000699	0	0.60020E-07	477176.2	3742813.1	459.1	3.49	6.51	3.25
YES								
L0000700	0	0.60020E-07	477181.0	3742799.9	459.2	3.49	6.51	3.25
YES								
L0000701	0	0.60020E-07	477185.8	3742786.8	459.1	3.49	6.51	3.25
YES								
L0000702	0	0.60020E-07	477190.7	3742773.6	459.0	3.49	6.51	3.25
YES								
L0000703	0	0.60020E-07	477195.3	3742760.4	458.8	3.49	6.51	3.25
YES								
L0000704	0	0.60020E-07	477200.0	3742747.2	458.7	3.49	6.51	3.25

YES
L0000705 0 0.60020E-07 477204.6 3742734.0 458.5 3.49 6.51 3.25
YES
L0000706 0 0.60020E-07 477209.2 3742720.8 458.5 3.49 6.51 3.25
YES
L0000707 0 0.60020E-07 477213.8 3742707.6 458.7 3.49 6.51 3.25
YES
L0000708 0 0.60020E-07 477218.4 3742694.3 459.0 3.49 6.51 3.25
YES
L0000709 0 0.60020E-07 477223.0 3742681.1 458.9 3.49 6.51 3.25
YES
L0000710 0 0.60020E-07 477227.6 3742667.9 458.7 3.49 6.51 3.25
YES
L0000711 0 0.60020E-07 477231.3 3742654.4 458.6 3.49 6.51 3.25
YES
L0000712 0 0.60020E-07 477234.7 3742640.8 458.5 3.49 6.51 3.25
YES
L0000713 0 0.60020E-07 477237.8 3742627.2 458.4 3.49 6.51 3.25
YES
L0000714 0 0.60020E-07 477239.2 3742613.3 458.4 3.49 6.51 3.25
YES
L0000715 0 0.60020E-07 477240.7 3742599.3 458.3 3.49 6.51 3.25
YES
L0000716 0 0.60020E-07 477241.3 3742585.4 458.3 3.49 6.51 3.25
YES
L0000717 0 0.60020E-07 477245.5 3742575.6 458.2 3.49 6.51 3.25
YES
L0000718 0 0.60020E-07 477259.5 3742575.6 458.0 3.49 6.51 3.25
YES
L0000719 0 0.60020E-07 477273.5 3742575.6 458.0 3.49 6.51 3.25
YES
L0000720 0 0.60020E-07 477287.5 3742575.5 457.8 3.49 6.51 3.25
YES
L0000721 0 0.60020E-07 477301.5 3742575.5 457.3 3.49 6.51 3.25
YES
L0000722 0 0.60020E-07 477315.5 3742575.5 456.8 3.49 6.51 3.25
YES
L0000723 0 0.60020E-07 477329.5 3742575.4 456.4 3.49 6.51 3.25
YES
L0000724 0 0.60020E-07 477343.5 3742575.4 456.0 3.49 6.51 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000725	0	0.60020E-07	477357.5	3742575.4	456.0	3.49	6.51	3.25
YES								
L0000726	0	0.60020E-07	477371.5	3742575.4	456.0	3.49	6.51	3.25
YES								
L0000727	0	0.60020E-07	477385.5	3742575.3	456.0	3.49	6.51	3.25

YES
L0000728 0 0.60020E-07 477399.5 3742575.3 456.0 3.49 6.51 3.25
YES
L0000729 0 0.60020E-07 477413.5 3742575.3 455.6 3.49 6.51 3.25
YES
L0000730 0 0.60020E-07 477427.5 3742575.3 455.1 3.49 6.51 3.25
YES
L0000731 0 0.60020E-07 477441.5 3742575.2 454.6 3.49 6.51 3.25
YES
L0000732 0 0.60020E-07 477455.5 3742575.2 454.2 3.49 6.51 3.25
YES
L0000733 0 0.60020E-07 477469.5 3742575.2 454.0 3.49 6.51 3.25
YES
L0000734 0 0.60020E-07 477483.5 3742575.2 454.0 3.49 6.51 3.25
YES
L0000735 0 0.60020E-07 477497.5 3742575.1 453.8 3.49 6.51 3.25
YES
L0000736 0 0.60020E-07 477511.5 3742575.1 453.3 3.49 6.51 3.25
YES
L0000737 0 0.60020E-07 477525.5 3742575.1 453.0 3.49 6.51 3.25
YES
L0000738 0 0.60020E-07 477539.5 3742575.1 453.0 3.49 6.51 3.25
YES
L0000739 0 0.60020E-07 477553.5 3742575.0 452.9 3.49 6.51 3.25
YES
L0000740 0 0.60020E-07 477567.5 3742575.0 452.4 3.49 6.51 3.25
YES
L0000741 0 0.60020E-07 477581.5 3742574.9 452.0 3.49 6.51 3.25
YES
L0000742 0 0.60020E-07 477595.5 3742574.5 452.0 3.49 6.51 3.25
YES
L0000743 0 0.60020E-07 477609.5 3742574.2 452.0 3.49 6.51 3.25
YES
L0000744 0 0.60020E-07 477623.5 3742573.8 451.6 3.49 6.51 3.25
YES
L0000745 0 0.60020E-07 477637.5 3742573.5 451.2 3.49 6.51 3.25
YES
L0000746 0 0.60020E-07 477651.5 3742573.1 451.1 3.49 6.51 3.25
YES
L0000747 0 0.60020E-07 477665.5 3742572.8 451.0 3.49 6.51 3.25
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L0000752 0 0.60020E-07 477735.4 3742571.1 450.0 3.49 6.51 3.25
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L0000753 0 0.60020E-07 477749.4 3742570.7 450.0 3.49 6.51 3.25
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L0000754 0 0.60020E-07 477763.4 3742570.4 449.9 3.49 6.51 3.25
YES
L0000755 0 0.60020E-07 477777.4 3742570.0 449.5 3.49 6.51 3.25
YES
L0000756 0 0.60020E-07 477791.4 3742569.7 449.2 3.49 6.51 3.25
YES
L0000757 0 0.60020E-07 477805.4 3742569.3 449.1 3.49 6.51 3.25
YES
L0000758 0 0.60020E-07 477819.4 3742569.0 449.0 3.49 6.51 3.25
YES
L0000759 0 0.60020E-07 477833.4 3742568.6 448.7 3.49 6.51 3.25
YES
L0000760 0 0.60020E-07 477847.4 3742568.3 448.3 3.49 6.51 3.25

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 ,
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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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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0000723 , L0000724 ,

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

URBAN ID	URBAN POP	SOURCE IDs
		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 ,

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

(476554.9, 3743985.0, 463.0, 463.0, 0.0); (476555.8, 3744009.3, 463.0, 463.0, 0.0);
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(476608.5, 3744068.1, 462.0, 462.0, 0.0); (476554.2, 3744105.4, 463.0, 463.0, 0.0);
(476555.1, 3744126.0, 462.4, 462.4, 0.0); (476491.9, 3744075.6, 463.3, 463.3, 0.0);
(476803.4, 3744032.3, 458.4, 458.4, 0.0); (476746.7, 3744163.7, 459.1, 459.1, 0.0);
(476806.9, 3744146.4, 457.9, 457.9, 0.0); (477122.3, 3744258.1, 455.0, 455.0, 0.0);
(477157.7, 3744251.3, 455.0, 455.0, 0.0); (477103.6, 3744264.0, 455.0, 455.0, 0.0);
(477118.5, 3744286.5, 455.0, 455.0, 0.0); (477061.0, 3744345.1, 455.0, 455.0, 0.0);
(477061.0, 3744360.4, 455.0, 455.0, 0.0); (477082.1, 3744328.1, 455.0, 455.0, 0.0);
(477118.5, 3744303.1, 455.0, 455.0, 0.0); (477250.5, 3744254.7, 454.1, 454.1, 0.0);
(477367.2, 3744229.9, 454.0, 454.0, 0.0); (476657.5, 3744087.3, 460.8, 460.8, 0.0);
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(477147.6, 3744066.1, 456.0, 456.0, 0.0); (477235.3, 3743916.1, 456.0, 456.0, 0.0);
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(477991.0, 3742804.3, 447.0, 447.0, 0.0); (477986.2, 3742855.2, 447.5, 447.5, 0.0);
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(475781.9, 3744724.0, 472.0, 472.0, 0.0); (475770.8, 3744639.0, 473.0, 473.0, 0.0);
(476417.9, 3743762.9, 463.0, 463.0, 0.0);

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

1 1 1

INCLUDED IN THE DATA FILE.

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file:
PERI_V9_ADJU\PERI_v9.SFC Met
Version: 16216
Profile file:
PERI_V9_ADJU\PERI_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5

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 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)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14443
Patterson\14443 Ops\14443 ***        01/30/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:42:05

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR
                   SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000405    , L0000406    ,
                                  L0000407    , L0000408    , L0000409    ,
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                L0000415    , L0000416    , L0000417    ,
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                L0000423    , L0000424    , L0000425    ,
                L0000426    , L0000427    , L0000428    , L0000429    , L0000430    ,
                L0000431    , L0000432    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD
      (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
        476554.89    3743984.99        0.00092                       476555.82
        3744009.35        0.00081
        476555.35    3744027.85        0.00074                       476554.89
        3744067.43        0.00061
        476608.52    3744068.13        0.00103                       476554.18
        3744105.37        0.00052
        476555.12    3744125.98        0.00048                       476491.88
        3744075.63        0.00042
```

476803.39 3744032.30 0.00077 476746.71
3744163.69 0.00053
476806.90 3744146.36 0.00042 477122.30
3744258.07 0.00013
477157.74 3744251.30 0.00012 477103.59
3744264.04 0.00014
477118.52 3744286.54 0.00013 477060.98
3744345.07 0.00013
477060.98 3744360.40 0.00013 477082.09
3744328.15 0.00013
477118.52 3744303.06 0.00012 477250.53
3744254.70 0.00010
477367.17 3744229.87 0.00008 476657.51
3744087.32 0.00081
476641.68 3744098.54 0.00084 477149.09
3744025.24 0.00017
477147.56 3744066.06 0.00016 477235.31
3743916.12 0.00014
477233.79 3743979.45 0.00014 476459.65
3744566.25 0.00033
476335.65 3744658.59 0.00019 476413.87
3744482.70 0.00021
476648.51 3744455.99 0.00027 476168.94
3743833.83 0.00013
476166.67 3743954.80 0.00013 476176.40
3744054.05 0.00013
476175.42 3744120.87 0.00012 476952.27
3743308.70 0.00039
476787.19 3743320.82 0.00035 476650.44
3743280.29 0.00024
477013.81 3743356.11 0.00047 476835.16
3743314.20 0.00033
477061.52 3742957.89 0.00025 477122.50
3742856.69 0.00033
477211.70 3742907.94 0.00022 477035.05
3742752.01 0.00012
477017.88 3742700.50 0.00011 477017.12
3742663.86 0.00010
477015.97 3742611.20 0.00009 476795.68
3742530.51 0.00006
477014.34 3742541.08 0.00008 477466.99
3742376.28 0.00009
478088.34 3742701.12 0.00004 477989.73
3742739.07 0.00005
477991.03 3742804.27 0.00005 477986.16
3742855.20 0.00004
478118.18 3742588.56 0.00004 478159.12
3742335.97 0.00003
478156.87 3742489.98 0.00003 478101.64
3742293.32 0.00003
475765.04 3744388.08 0.00005 475780.36
3744430.86 0.00005
475778.77 3744588.81 0.00004 475777.19
3744685.49 0.00004
475781.94 3744724.05 0.00004 475770.85
3744639.00 0.00004
476417.88 3743762.94
0.00037

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00103 AT (476608.52, 3744068.13, 462.00, 462.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00092 AT (476554.89, 3743984.99, 463.04, 463.04, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00084 AT (476641.68, 3744098.54, 461.27, 461.27, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00081 AT (476555.82, 3744009.35, 463.00, 463.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00081 AT (476657.51, 3744087.32, 460.84, 460.84, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00077 AT (476803.39, 3744032.30, 458.41, 458.41, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00074 AT (476555.35, 3744027.85, 463.00, 463.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00061 AT (476554.89, 3744067.43, 463.00, 463.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00053 AT (476746.71, 3744163.69, 459.06, 459.06, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00052 AT (476554.18, 3744105.37, 463.00, 463.00, 0.00)	DC	

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

*** 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     908       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     908       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:      14010101
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:    2 year gap

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
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APPENDIX 2.4:

RISK CALCULATIONS

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

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			$(ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00103	1.03E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.6E-07	1.1E-08	5.0E+00	1.4E-03	2.1E-04							
TOTAL								1.1E-08			2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			$(ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00103	1.03E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	2.7E-07	5.0E+00	1.4E-03	2.1E-04							
TOTAL								2.7E-07			2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			$(ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00103	1.03E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-07	2.6E-07	5.0E+00	1.4E-03	2.1E-04							
TOTAL								2.6E-07			2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00103	1.03E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-07	4.0E-08	5.0E+00	1.4E-03	2.1E-04							
TOTAL								4.0E-08			2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.04

** 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) **0.58**

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

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
						URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
		(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	Diesel Particulates	7.70E-04	7.70E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	4.5E-08	5.0E+00	1.4E-03	1.5E-04							
	TOTAL								4.5E-08 0.05			1.5E-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)	250
exposure duration (years)	25
inhalation rate (L/kg-day))	230
inhalation absorption factor	1
averaging time (years)	70

Table 6
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
9-Year School Child Exposure Scenario

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
						URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
		(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	Diesel Particulates	1.40E-04	1.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-08	1.6E-08	5.0E+00	1.4E-03	2.8E-05							
	TOTAL								1.6E-08			2.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
									0.02										

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	180
exposure duration (years)	9
inhalation rate (L/kg-day))	572
inhalation absorption factor	1
averaging time (years)	70
age sensitivity factor (ages 4-13)	3

Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Construction Activity

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.01399	1.40E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-05	1.4E-06	5.0E+00	1.4E-03	2.8E-03							
TOTAL								1.4E-06			2.8E-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)	243
exposure duration (years)	0.93
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	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			$(ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00103	1.03E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-07	2.4E-07	5.0E+00	1.4E-03	2.1E-04							
TOTAL								2.4E-07			2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.24

** 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	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00103	1.03E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-07	4.0E-08	5.0E+00	1.4E-03	2.1E-04							
TOTAL								4.0E-08			2.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.04

** 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) 1.69

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