Pepper 210 Commerce Center

CONSTRUCTION AND OPERATIONAL HEALTH RISK ASSESSMENT

COUNTY OF SAN BERNARDINO

PREPARED BY:

Haseeb Qureshi
hqureshi@urbanxroads.com

Michael Tirohn
mtirohn@urbanxroads.com

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TABLE OF CONTENTS

TABLE OF CONTENTS I
APPENDICES I
LIST OF EXHIBITS II
LIST OF TABLES II
LIST OF ABBREVIATED TERMS III
EXECUTIVE SUMMARY 1
1 INTRODUCTION 5
1.1 Site Location 5
1.2 Project Description 6
2 BACKGROUND 10
2.1 Background on Recommended Methodology 10
2.2 Construction Health Risk Assessment 10
2.3 Operational Health Risk Assessment 13
2.4 Exposure Quantification 19
2.5 Carcinogenic Chemical Risk 21
2.6 Non-carcinogenic Exposures 22
2.7 Potential Project DPM-Source Cancer and Non-Cancer Risks 23
3 REFERENCES 28
4 CERTIFICATIONS 30

APPENDICES

APPENDIX 2.1: CALEEMOD OUTPUTS
APPENDIX 2.2: EMFAC EMISSIONS SUMMARY
APPENDIX 2.3: AERMOD MODEL INPUT/OUTPUT
APPENDIX 2.4: RISK CALCULATIONS
APPENDIX 2.5: MODELED RECEPTORS

LIST OF EXHIBITS

EXHIBIT 1-A: LOCATION MAP 7
EXHIBIT 1-B: SITE PLAN 8
EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES 12
EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES 16
EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES 17
EXHIBIT 2-D: RECEPTOR LOCATIONS 26

LIST OF TABLES

TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS 3
TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS 4
TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS 4
TABLE 2-1: CONSTRUCTION DURATION 11
TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS 11
TABLE 2-3: 2029 WEIGHTED AVERAGE DPM EMISSIONS FACTORS 14
TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS 18
TABLE 2-5: AERMOD MODEL PARAMETERS 19
TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY) 20
TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL) 20
TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER) 21
TABLE 2-9: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (9 YEAR SCHOOL CHILD) 21

LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQMD	Air Quality Management District
ARB	Air Resources Board
ASF	Age Sensitivity Factor
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
FAH	Fraction of Time at Home
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
MEISC	Maximally Exposed Individual School Child
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PDF	Project Design Feature
PM_{10}	Particulate Matter 10 microns in diameter or less
Project	Pepper 210 Commerce Center
REL	Reference Exposure Level
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
TRU	Transport Refrigeration Unit
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 and equipment associated with on-site and off-site construction and operational activity. This section summarizes the significance criteria and Project health risks.

The results of this *Pepper 210 Commerce Center Construction and Operational Health Risk Assessment* (HRA) indicate that without the incorporation of project design features proposed by the applicant to reduce air pollutant emissions and increase construction efficiency of the project, SCAQMD thresholds would not be exceeded for construction operational health risks. With incorporation of the project design features, construction operational health risks are further reduced resulting in a less than significant impact.

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 R7 which is located approximately 160 feet west of the Project site at the potential Rialto Olive Grove Apartments. Because the placement of residential structures is not known at this time, R7 is placed at the property line of the proposed apartment development 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 0.76 in one million, which is less than the South Coast Air Quality Management District (SCAQMD) 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 R7 is not the nearest receptor to the Project site, it would experience the highest concentrations of DPM during Project construction due to its location and meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project construction, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction 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 140 feet west of the Project site at an existing residence located at 2184 Oakdale Avenue. Since there are no private outdoor living

areas (backyards) facing the Project site, R1 is placed at the building façade. At this location, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 1.30 in one million, which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0.

Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from Project operation due to its location and meteorological conditions at the Project site. Because all other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario[1]*:*

The worker receptor land use with the greatest potential exposure to Project operational-source DPM emissions is Location R8, which represents the potential worker receptor located approximately 372 feet west of the Project site. The maximally exposed individual worker (MEIW) is the worker receptor location that would experience the highest modeled concentrations of DPM, and thus the highest risk. At the MEIW, the maximum incremental cancer risk impact is 0.10 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 would be exposed to lower concentrations of DPM, 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 Morgan Elementary School, located approximately 3,232 feet south of the Project site and represented by Location R9. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.03 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. Because all other modeled school receptors would be exposed to lower concentrations of DPM, all other school receptors in the vicinity of the of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein. The modeled receptors are illustrated on Exhibit 2-D.

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

CONSTRUCTION AND OPERATIONAL IMPACTS

This analysis considers a conservative scenario in which a child at a nearby residence is exposed to Project construction-related DPM emissions from birth for the expected 1.74 years of Project construction, and is then exposed to Project operational emissions for the remaining 28.26 years of the 30 year residential exposure scenario.

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R7. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 1.50 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
1.74 Year Exposure	Maximum Exposed Sensitive Receptor (Location R7)	0.76	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor (Location R7)	≤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 (Location R1)	1.30	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor (Location R8)	0.10	10	NO
9 Year Exposure	Maximum Exposed Individual School Child (Location R9)	0.03	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor (Location R8)	≤0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child (Location R9)	≤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 (Location R7)	1.50	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor (Location R7)	≤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 proposed Project is located at 20080 N. Highland Avenue in the County of San Bernardino, as shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

A preliminary site plan for the proposed Project is shown on Exhibit 1-B. The proposed Project is to consist of the development of 1,867,660 square feet of High-Cube Fulfillment Center Warehouse use with an opening year of 2029. The Project also includes a total of 626 trailer parking spaces that will be ancillary use and utilized by the future tenant of the building and not an independent off-site operator. It should be noted, 620,000 square feet of the total High-Cube Fulfillment Center square footage is associated with pick mod mezzanine space and the building footprint is 1,232,660 square feet. There is a proposed 2,100 square foot yard office associated with the trailer yard.

At the time this analysis was prepared, the future tenants of the proposed Project were unknown, and therefore, this health risk analysis includes a conservative analysis of the proposed Project uses.

As summarized in the *Pepper 210 Commerce Center Traffic Analysis* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 4,010 two-way trips per day which includes 3,300 two-way passenger car trips per day and 710 two-way truck trips per day (3).

EXHIBIT 1-A: LOCATION MAP

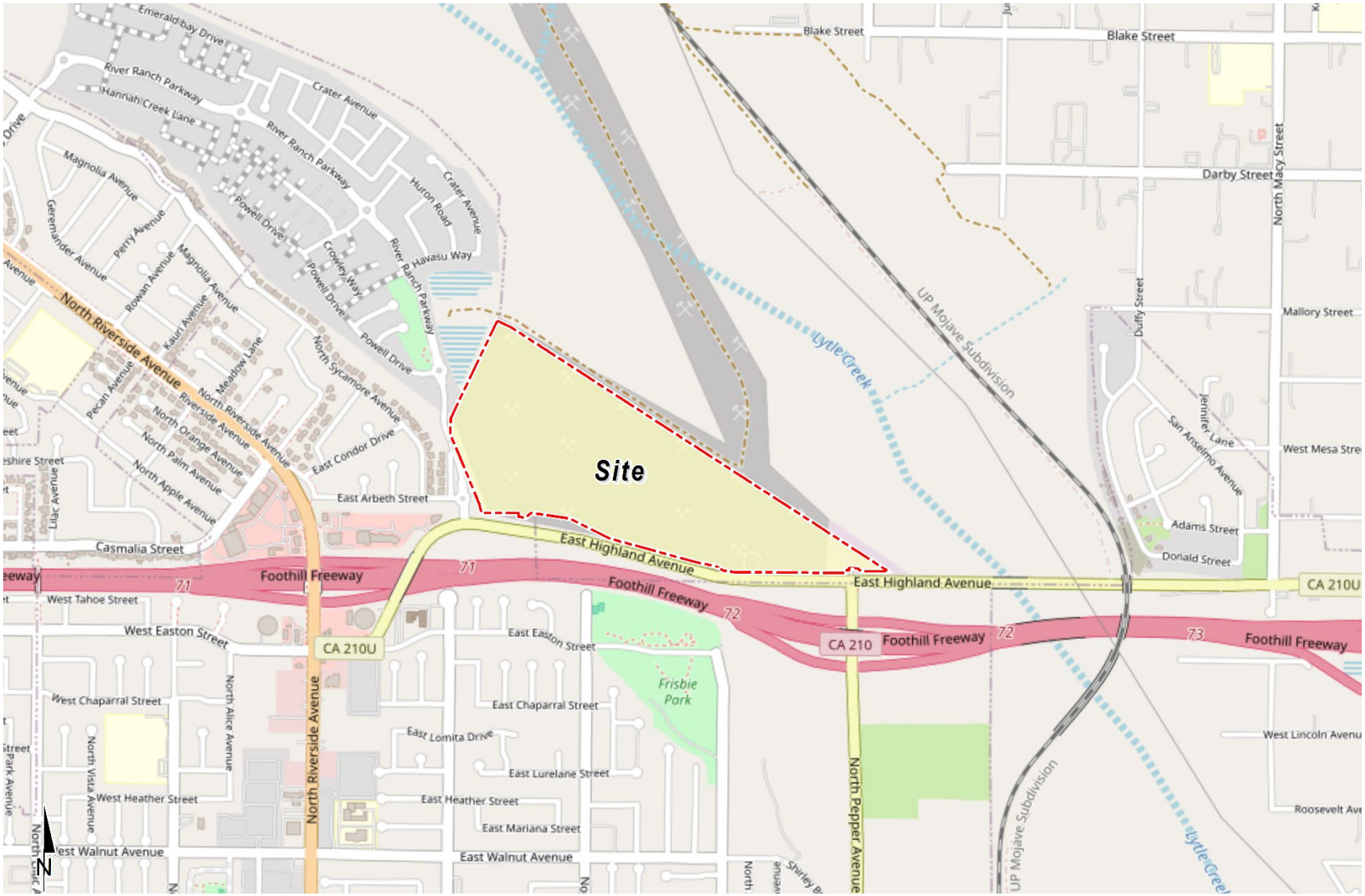
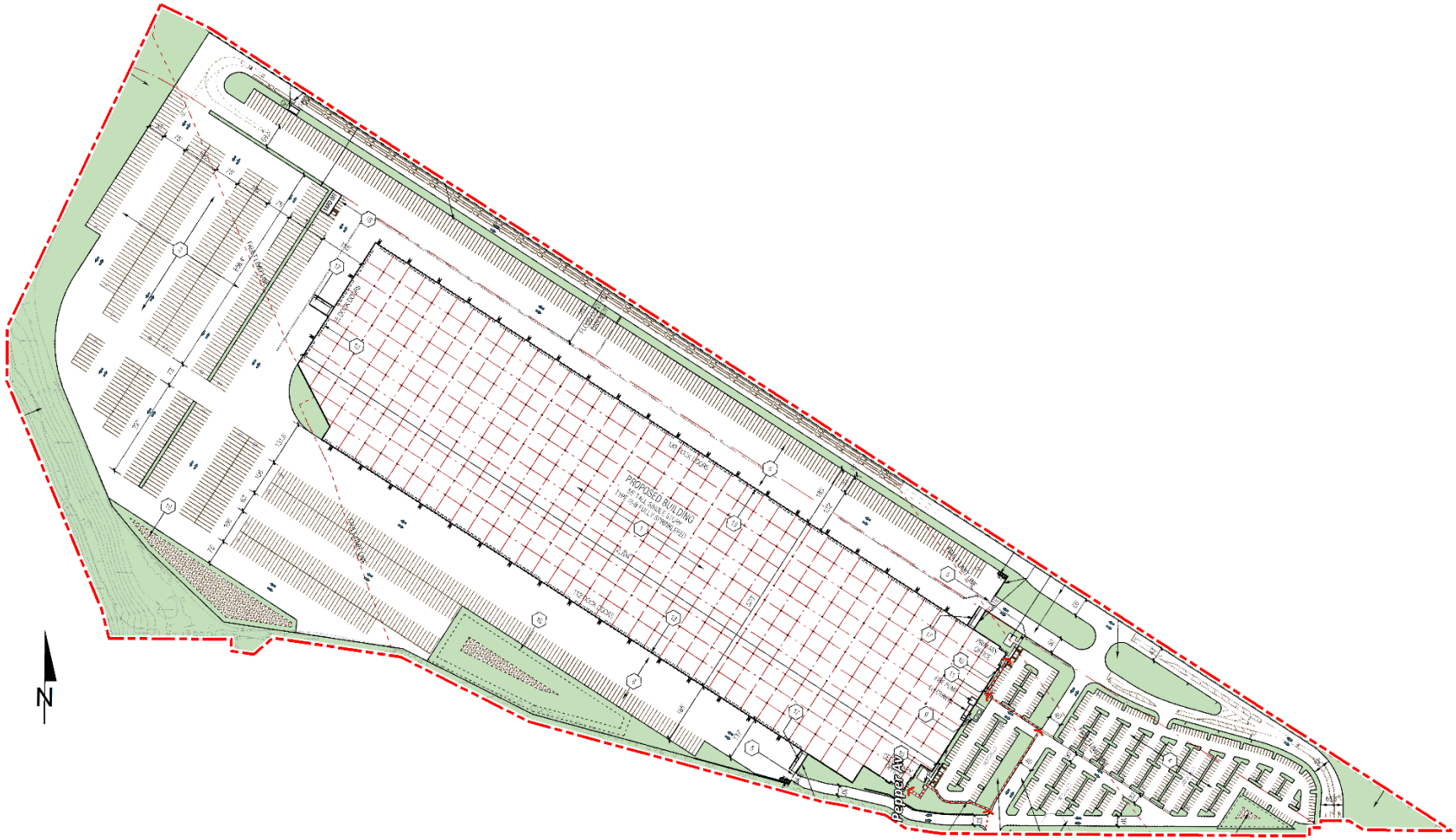


EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per $\mu g/m^3$ is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body.
- 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 *Pepper 210 Commerce Center Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (4)

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

As discussed in the technical study, the Project would result in approximately 453 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. Consistent with SCAQMD's Localized Significance Threshold Methodology (5), DPM emissions from construction equipment were modeled using adjacent volume sources with a release height of 5 meters and an initial vertical dimension of 1.4 meters. On-road truck emissions were modeled as a line source (made up of multiple adjacent volume sources).

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

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	10/1/2027	11/11/2027	30
Site Preparation	10/1/2027	11/11/2027	30
Grading	11/12/2027	6/8/2028	150
Building Construction	6/9/2028	6/26/2029	273
Paving	2/7/2029	6/26/2029	100
Architectural Coating	3/21/2029	6/26/2029	70

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Amount	Hours Per Day
Demolition	Rubber Tired Dozers	2	8
	Excavators	3	8
	Concrete/Industrial Saws	1	8
Site Preparation	Crawler Tractors	4	8
	Rubber Tired Dozers	3	8
Grading	Crawler Tractors	2	8
	Excavators	4	8
	Graders	3	8
	Rubber Tired Dozers	3	8
	Scrapers	14	8
Building Construction	Cranes	2	8
	Forklifts	12	8
	Generator Sets	12	8
	Tractors/Loaders/Backhoes	12	8
	Welders	6	8
Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Air Compressors	8	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 (6). 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 San Bernardino 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 trailer parking areas
- 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 2029 EMFAC 2021 run was conducted and a static 2029 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2029 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 2029. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 53.4% diesel, Medium-Heavy-Duty Trucks are comprised of 92.7% diesel, and Heavy-Heavy-Duty Trucks are comprised of 85.0% 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 (7):

$$Emissions_{Speed\ A} = EF_{Run\ Exhaust} \times Distance \times \frac{Number\ of\ Trips\ per\ Day}{Seconds\ per\ Day}$$

Where:

$Emissions_{Speed\ A}$	=	Vehicle emissions at a given speed A (g/s)
$EF_{Run\ Exhaust}$	=	EMFAC running exhaust PM_{10} emission factor at speed A (g/vmt)
$Distance$	=	Total distance traveled per trip (miles)

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 (7):

$$Emissions_{Idle} = EF_{Idle} \times Number\ of\ Trips \times Idling\ Time \times \frac{60\ minutes\ per\ hour}{seconds\ per\ day}$$

Where:

$Emissions_{Idle}$	=	Vehicle emissions during Idling (g/s)
EF_{Idle}	=	EMFAC idle exhaust PM_{10} emission factor (g/s)
$Number\ of\ Trips$	=	Number of trips per day
$Idling\ Time$	=	Idling time (minutes per trip)

TABLE 2-3: 2029 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.04995 (g/idle-hr)
5	0.01309 (g/mile)
25	0.00600 (g/mile)

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 line 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, as illustrated on Table 2-4. In order to model idling emissions, line sources were modeled at the building loading docks and tractor trailer parking stalls. 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 (8) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

On-site truck idling was estimated to occur at building loading docks as well as in truck trailer parking areas. 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 (9), 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. Idling emissions at building loading docks were modeled in AERMOD as line sources, which consist of multiple adjacent volume sources.

As summarized in the *Pepper 210 Commerce Center Traffic Analysis* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 4,010 actual vehicular trip-ends per day (2,005 vehicles inbound + 2,005 vehicles outbound) which includes 3,300 passenger vehicle trips (1,650 passenger vehicles inbound + 1,650 passenger vehicles outbound) and 710 two-way truck trips (355 trucks inbound per day + 355 trucks outbound) per day (3).

2.3.2 EMERGENCY FIRE PUMPS

It is conservatively assumed that the proposed Project would include installation of an emergency fire pump, as shown on Exhibit 2-B. The fire pump would be diesel fueled and potentially would result in exposure of sensitive receptors to DPM. Based on the CalEEMod output presented in the Project air quality impact analysis, it is estimated that the fire pump would be rated at 300 brake horsepower (bhp). The analysis assumed that each pump could potentially operate for up to one hour per day, one day per week, for a total of 50 hours per year for maintenance and testing purposes. Consistent with SCAQMD guidance, the emergency fire pump was modeled as a point source. Because detailed engine specifications are not known at this time, release parameters (including exhaust height, diameter, temperature, and flow rate) were obtained from the California Air Pollution Control Officers Association Facility Prioritization Guidelines (10).

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

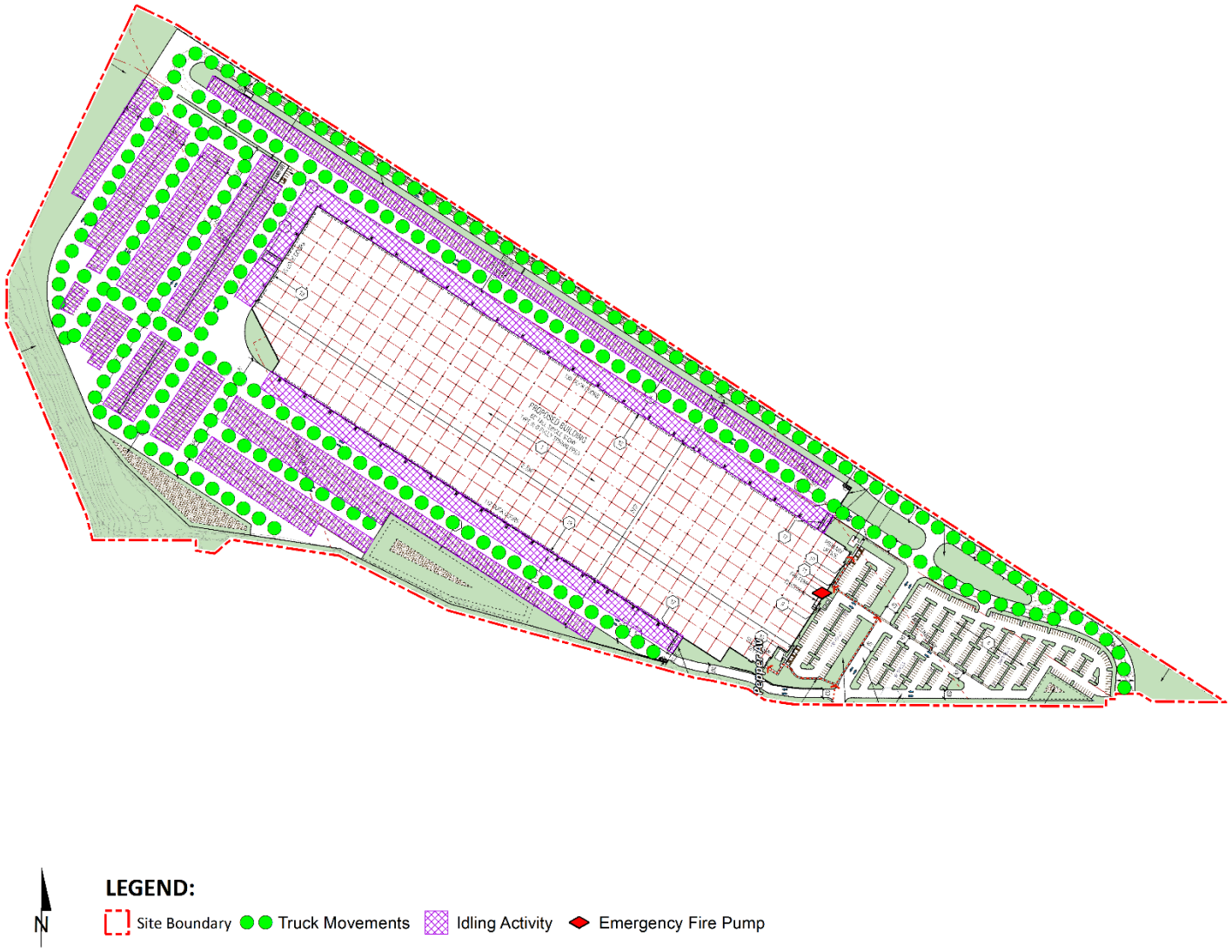


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS

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 - N Loading Docks	178			0.0499	2.22	2.575E-05
On-Site Idling - S Loading Docks	145			0.0499	1.81	2.090E-05
On-Site Idling - W Loading Docks	32			0.0499	0.40	4.664E-06
On-Site Idling - Trailer Parking 1	65			0.0499	0.27	3.124E-06
On-Site Idling - Trailer Parking 2	35			0.0499	0.14	1.674E-06
On-Site Idling - Trailer Parking 3	19			0.0499	0.08	9.051E-07
On-Site Idling - Trailer Parking 4	20			0.0499	0.08	9.589E-07
On-Site Idling - Trailer Parking 5	39			0.0499	0.16	1.897E-06
On-Site Idling - Trailer Parking 6	36			0.0499	0.15	1.755E-06
On-Site Idling - Trailer Parking 7	35			0.0499	0.14	1.668E-06
On-Site Idling - Trailer Parking 8	13			0.0499	0.05	6.354E-07
On-Site Idling - Trailer Parking 9	3			0.0499	0.01	1.431E-07
On-Site Idling - Trailer Parking 10	14			0.0499	0.06	6.779E-07
On-Site Idling - Trailer Parking 11	76			0.0499	0.32	3.665E-06
On-Site Travel - 1 100%	710	57.84	0.0131		0.76	8.763E-06
On-Site Travel - 2 50%	355	490.56	0.0131		6.42	7.432E-05
On-Site Travel - 3 50%	355	260.95	0.0131		3.42	3.954E-05
On-Site Travel - 4 100%	710	756.88	0.0131		9.91	1.147E-04
Off-Site Travel - Pepper 100%	710	123.97	0.0060		0.74	8.612E-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 at loading docks and 5 minutes at trailer parking areas.

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 12.0.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 23132 (11).

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

Model parameters are presented in Table 2-5 (12). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Fontana monitoring station was used to represent local weather conditions and prevailing winds (13).

TABLE 2-5: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban (population 2,035,210)
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, workers, and school children over a period of 30, 25, or 9 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.

Discrete receptors were placed in all directions nearest to the Project site and Project truck routes in order to account for the predominant wind directions in the Project vicinity.

For purposes of this HRA, receptors include both residential and non-residential (school children and worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents, workers, and school children may be exposed at these locations over a long-term duration of 30, 25, and 9 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 in a given direction would have a lesser impact than what has already been disclosed in the HRA at the MEIR, MEISC, 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 (14).

Discrete variants for daily breathing rates, exposure frequency, fraction of time at home, 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 and workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	1.74	1.00	250	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.

$$DOSE_{AIR} = \left(C_{AIR} \times \frac{BR}{BW} \times A \times EF\right) \times (1 \times 10^{-6})$$

Where:

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

C_{AIR}	=	concentration of contaminant in air (µg/m^3)
$\frac{BR}{BW}$	=	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)
1×10^{-6}	=	conversion factors (µg to mg, L to m^3)

$$RISK_{AIR} = DOSE_{AIR} \times CPF \times ASF \times FAH \times \frac{ED}{AT}$$

Where:

$DOSE_{AIR}$	=	chronic daily intake (mg/kg/day)
CPF	=	cancer potency factor
ASF	=	age sensitivity factor
FAH	=	fraction of time at home
ED	=	number of years within particular age group
AT	=	averaging time

2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 µg/m^3 (15).

Non-cancer health effects are expressed as a hazard index (HI), which is calculated using the following equation:

$$HI_{DPM} = \frac{C_{DPM}}{REL_{DPM}}$$

Where:

HI_{DPM}	=	Hazard index (unitless)
C_{DPM}	=	Annual average DPM concentration (µg/m^3)

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

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 R7 which is located approximately 160 feet west of the Project site at the potential Rialto Olive Grove Apartments. Because the placement of residential structures is not known at this time, R7 is placed at the property line of the proposed apartment development facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.76 in one million, which is less than the SCAQMD 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 R7 is not the nearest receptor to the Project site, it would experience the highest concentrations of DPM during Project construction due to its location and meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project construction, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction 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 140 feet west of the Project site at an existing residence located at 2184 Oakdale Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R1 is placed at the building façade. At this location, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 1.30 in one million, which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0.

Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from Project operation due to its location and meteorological conditions at the Project site. Because all other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario[3]*:*

The worker receptor land use with the greatest potential exposure to Project operational-source DPM emissions is Location R8, which represents the potential worker receptor located approximately 372 feet west of the Project site. The MEIW is the worker receptor location that would experience the highest modeled concentrations of DPM, and thus the highest risk. At the MEIW, the maximum incremental cancer risk impact is 0.10 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 would be exposed to lower concentrations of DPM, 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 Morgan Elementary School, located approximately 3,232 feet south of the Project site and represented by Location R9. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.03 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. Because all other modeled school receptors would be exposed to lower concentrations of DPM, all other school receptors in the vicinity of the of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein. The modeled receptors are illustrated on Exhibit 2-D.

CONSTRUCTION AND OPERATIONAL IMPACTS

This analysis considers a conservative scenario in which a child at a nearby residence is exposed to Project construction-related DPM emissions from birth for the expected 1.74 years of Project construction, and is then exposed to Project operational emissions for the remaining 28.26 years of the 30 year residential exposure scenario.

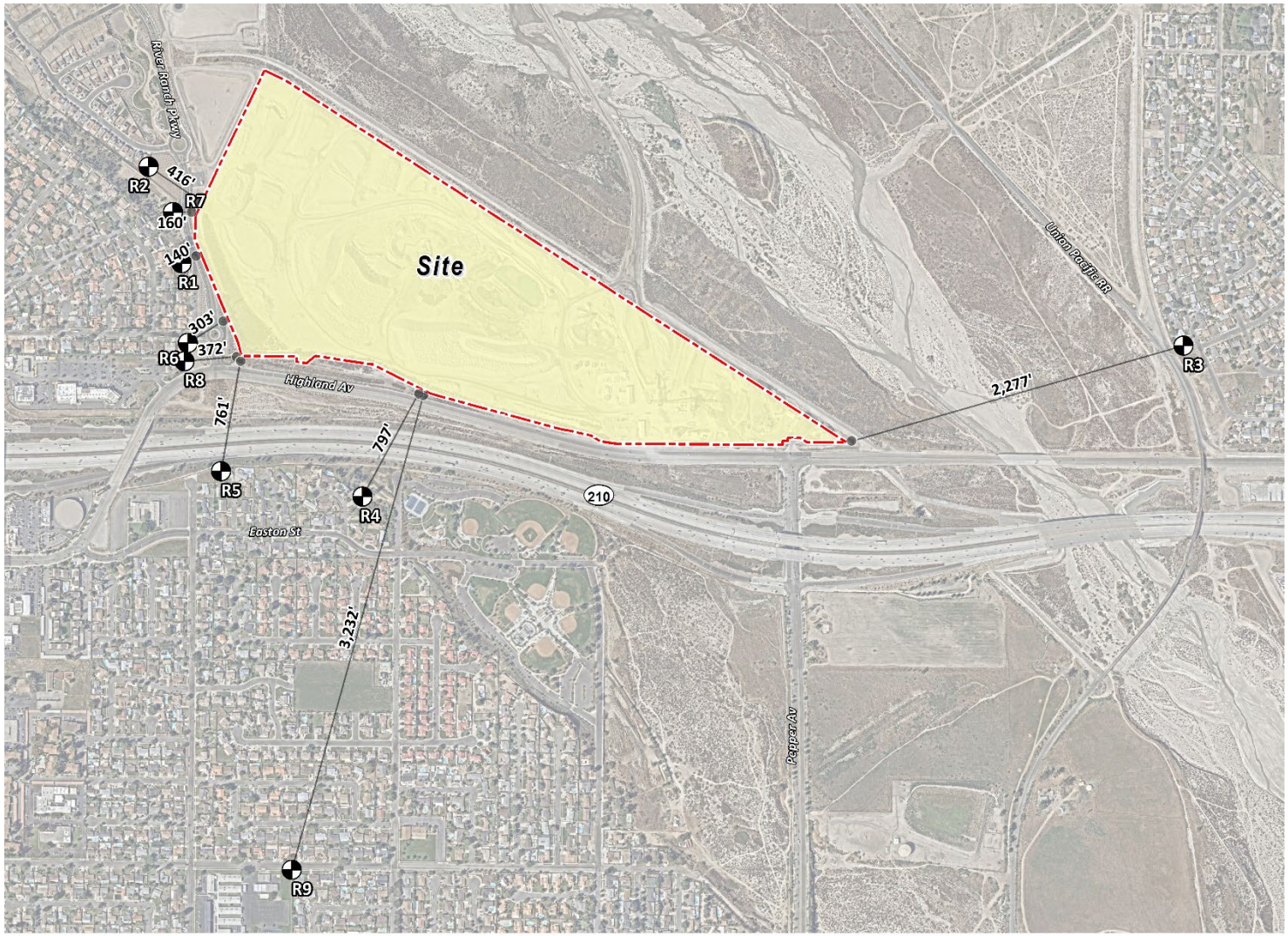
The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R7. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 1.50 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors

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.

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 for clarity purposes, the receptors presented in Exhibit 2-D do not represent all modeled receptors and instead presents the nearest receptors that would experience the highest pollutant concentrations. A total of 136 receptors were modeled in the analysis. Appendix 2.5 presents a figure detailing the locations of all receptors as modeled in AERMOD.

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 Pepper 210 Commerce Center. 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.

Haseeb Qureshi
Principal
URBAN CROSSROADS, INC.
(949) 660-1994
hqureshi@urbanxroads.com

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 Professionals
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:

CALEEMOD OUTPUTS

14324 Existing Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14324 Existing
Operational Year	2022
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	8.40
Location	34.13796363906194, -117.35139119269223
County	San Bernardino-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5317
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.25

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
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0.00	0.00	—	—

User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.71	0.71	29.8	20.4	0.04	0.71	0.00	0.71	0.63	0.00	0.63	0.00	4,161	4,161	0.17	0.03	0.00	4,175
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.71	0.71	29.8	20.4	0.04	0.71	0.00	0.71	0.63	0.00	0.63	0.00	4,161	4,161	0.17	0.03	0.00	4,175
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.50	0.50	21.2	14.6	0.03	0.50	0.00	0.50	0.45	0.00	0.45	0.00	2,964	2,964	0.12	0.02	0.00	2,974
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.09	0.09	3.87	2.66	< 0.005	0.09	0.00	0.09	0.08	0.00	0.08	0.00	491	491	0.02	< 0.005	0.00	492

2.5. Operations Emissions by Sector, Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Off-Road	0.71	0.71	29.8	20.4	0.04	0.71	—	0.71	0.63	—	0.63	—	4,161	4,161	0.17	0.03	—	4,175
Total	0.71	0.71	29.8	20.4	0.04	0.71	0.00	0.71	0.63	0.00	0.63	0.00	4,161	4,161	0.17	0.03	0.00	4,175
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Off-Road	0.71	0.71	29.8	20.4	0.04	0.71	—	0.71	0.63	—	0.63	—	4,161	4,161	0.17	0.03	—	4,175
Total	0.71	0.71	29.8	20.4	0.04	0.71	0.00	0.71	0.63	0.00	0.63	0.00	4,161	4,161	0.17	0.03	0.00	4,175
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Off-Road	0.50	0.50	21.2	14.6	0.03	0.50	—	0.50	0.45	—	0.45	—	2,964	2,964	0.12	0.02	—	2,974
Total	0.50	0.50	21.2	14.6	0.03	0.50	0.00	0.50	0.45	0.00	0.45	0.00	2,964	2,964	0.12	0.02	0.00	2,974

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Off-Road	0.09	0.09	3.87	2.66	< 0.005	0.09	—	0.09	0.08	—	0.08	—	491	491	0.02	< 0.005	—	492
Total	0.09	0.09	3.87	2.66	< 0.005	0.09	0.00	0.09	0.08	0.00	0.08	0.00	491	491	0.02	< 0.005	0.00	492

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.71	0.71	29.8	20.4	0.04	0.71	—	0.71	0.63	—	0.63	—	4,161	4,161	0.17	0.03	—	4,175
Total	0.71	0.71	29.8	20.4	0.04	0.71	—	0.71	0.63	—	0.63	—	4,161	4,161	0.17	0.03	—	4,175
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.71	0.71	29.8	20.4	0.04	0.71	—	0.71	0.63	—	0.63	—	4,161	4,161	0.17	0.03	—	4,175
Total	0.71	0.71	29.8	20.4	0.04	0.71	—	0.71	0.63	—	0.63	—	4,161	4,161	0.17	0.03	—	4,175
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-High Trucks	0.09	0.09	3.87	2.66	< 0.005	0.09	—	0.09	0.08	—	0.08	—	491	491	0.02	< 0.005	—	492
Total	0.09	0.09	3.87	2.66	< 0.005	0.09	—	0.09	0.08	—	0.08	—	491	491	0.02	< 0.005	—	492

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
User Defined Commercial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	0.00	0.00	—

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
User Defined Commercial	0.00	349	0.0330	0.0040	0.00
User Defined Industrial	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
User Defined Commercial	0.00	0.00

User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Commercial	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Off-Highway Trucks	Diesel	Tier 2	1.00	10.0	938	0.38

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

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	27.6	annual days of extreme heat
Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	14.7	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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	60.9
AQ-DPM	67.4

Drinking Water	96.3
Lead Risk Housing	8.87
Pesticides	0.00
Toxic Releases	58.6
Traffic	72.8
Effect Indicators	—
CleanUp Sites	94.1
Groundwater	68.6
Haz Waste Facilities/Generators	63.6
Impaired Water Bodies	0.00
Solid Waste	75.7
Sensitive Population	—
Asthma	56.5
Cardio-vascular	74.7
Low Birth Weights	44.5
Socioeconomic Factor Indicators	—
Education	61.1
Housing	0.94
Linguistic	36.0
Poverty	19.4
Unemployment	83.2

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	84.02412421

Employed	1.591171564
Median HI	—
Education	—
Bachelor's or higher	28.85923264
High school enrollment	17.31040678
Preschool enrollment	36.78942641
Transportation	—
Auto Access	72.44963429
Active commuting	7.917361735
Social	—
2-parent households	44.74528423
Voting	49.54446298
Neighborhood	—
Alcohol availability	75.52932119
Park access	7.04478378
Retail density	9.457205184
Supermarket access	35.77569614
Tree canopy	15.46259464
Housing	—
Homeownership	91.76183755
Housing habitability	92.04414218
Low-inc homeowner severe housing cost burden	90.09367381
Low-inc renter severe housing cost burden	81.05992557
Uncrowded housing	69.47260362
Health Outcomes	—
Insured adults	52.11086873
Arthritis	41.4

Asthma ER Admissions	28.5
High Blood Pressure	35.9
Cancer (excluding skin)	49.7
Asthma	32.2
Coronary Heart Disease	57.7
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	36.9
Life Expectancy at Birth	29.0
Cognitively Disabled	60.3
Physically Disabled	57.4
Heart Attack ER Admissions	27.5
Mental Health Not Good	47.3
Chronic Kidney Disease	45.1
Obesity	33.5
Pedestrian Injuries	91.8
Physical Health Not Good	49.9
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	26.9
Current Smoker	51.2
No Leisure Time for Physical Activity	54.9
Climate Change Exposures	—
Wildfire Risk	45.4
SLR Inundation Area	0.0
Children	40.5
Elderly	74.7
English Speaking	78.9

Foreign-born	23.9
Outdoor Workers	16.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	79.3
Traffic Density	68.0
Traffic Access	23.0
Other Indices	—
Hardship	39.4
Other Decision Support	—
2016 Voting	59.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	70.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	San Bernardino Muscoy

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	User defined industrial
Operations: Vehicle Data	On-site equipment only.
Operations: Fleet Mix	Fleet mix based on Project trip generation assessment
Operations: Off-Road Equipment	Based on provided equipment list

14324 Pepper 210 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

3.2. Demolition (2027) - Mitigated

3.3. Site Preparation (2027) - Unmitigated

3.4. Site Preparation (2027) - Mitigated

3.5. Grading (2027) - Unmitigated

3.6. Grading (2027) - Mitigated

3.7. Grading (2028) - Unmitigated

3.8. Grading (2028) - Mitigated

3.9. Building Construction (2028) - Unmitigated

3.10. Building Construction (2028) - Mitigated

3.11. Building Construction (2029) - Unmitigated

3.12. Building Construction (2029) - Mitigated

3.13. Paving (2029) - Unmitigated

3.14. Paving (2029) - Mitigated

3.15. Architectural Coating (2029) - Unmitigated

3.16. Architectural Coating (2029) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14324 Pepper 210 Construction
Construction Start Date	10/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	6.80
Location	34.13945093875435, -117.36185557994253
County	San Bernardino-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5317
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

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	1,868	1000sqft	42.9	1,867,660	963,829	—	—	—

General Office Building	2.10	1000sqft	0.05	2,100	0.00	—	—	—
Parking Lot	2,210	1000sqft	50.7	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

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

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.40	142	93.7	179	0.35	0.89	14.2	15.1	0.83	3.74	4.49	—	39,749	39,749	1.81	1.38	43.4	40,144
Mit.	9.40	67.9	93.7	179	0.35	0.89	14.2	15.1	0.83	3.74	4.49	—	39,749	39,749	1.81	1.38	43.4	40,144
% Reduced	—	52%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.20	142	94.2	178	0.35	0.89	14.2	15.1	0.83	3.74	4.52	—	39,822	39,822	1.85	1.38	1.12	40,212
Mit.	9.20	67.3	94.2	178	0.35	0.89	14.2	15.1	0.83	3.74	4.52	—	39,822	39,822	1.85	1.38	1.12	40,212
% Reduced	—	52%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	4.36	28.2	49.9	97.7	0.16	0.53	8.38	8.91	0.49	2.27	2.77	—	21,955	21,955	0.89	0.79	8.53	22,223
Mit.	4.36	13.9	49.9	97.7	0.16	0.53	8.38	8.91	0.49	2.27	2.77	—	21,955	21,955	0.89	0.79	8.53	22,223
% Reduced	—	51%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.80	5.14	9.11	17.8	0.03	0.10	1.53	1.63	0.09	0.41	0.50	—	3,635	3,635	0.15	0.13	1.41	3,679
Mit.	0.80	2.54	9.11	17.8	0.03	0.10	1.53	1.63	0.09	0.41	0.50	—	3,635	3,635	0.15	0.13	1.41	3,679
% Reduced	—	51%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	7.08	6.29	93.7	179	0.35	0.78	12.0	12.8	0.75	3.74	4.49	—	39,749	39,749	1.81	1.13	39.0	40,144
2029	9.40	142	66.7	144	0.18	0.89	14.2	15.1	0.83	3.39	4.23	—	30,708	30,708	1.00	1.38	43.4	31,188
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	5.13	4.54	94.2	178	0.35	0.79	12.0	12.8	0.78	3.74	4.52	—	39,822	39,822	1.85	1.15	0.37	40,212
2028	6.92	6.11	93.9	178	0.35	0.78	12.0	12.8	0.75	3.74	4.49	—	39,680	39,680	1.81	1.13	1.01	40,063
2029	9.20	142	67.4	130	0.18	0.89	14.2	15.1	0.83	3.39	4.23	—	29,685	29,685	1.03	1.38	1.12	30,123
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.65	0.57	11.5	21.6	0.04	0.10	1.70	1.80	0.10	0.60	0.70	—	4,746	4,746	0.22	0.13	0.73	4,791
2028	4.36	3.87	49.9	97.7	0.16	0.53	8.38	8.91	0.49	2.27	2.77	—	21,955	21,955	0.89	0.79	8.53	22,223
2029	2.84	28.2	21.4	42.1	0.06	0.28	4.53	4.81	0.26	1.08	1.35	—	9,593	9,593	0.33	0.45	6.03	9,741

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.12	0.10	2.10	3.94	0.01	0.02	0.31	0.33	0.02	0.11	0.13	—	786	786	0.04	0.02	0.12	793
2028	0.80	0.71	9.11	17.8	0.03	0.10	1.53	1.63	0.09	0.41	0.50	—	3,635	3,635	0.15	0.13	1.41	3,679
2029	0.52	5.14	3.90	7.68	0.01	0.05	0.83	0.88	0.05	0.20	0.25	—	1,588	1,588	0.05	0.07	1.00	1,613

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	7.08	6.29	93.7	179	0.35	0.78	12.0	12.8	0.75	3.74	4.49	—	39,749	39,749	1.81	1.13	39.0	40,144
2029	9.40	67.9	66.7	144	0.18	0.89	14.2	15.1	0.83	3.39	4.23	—	30,708	30,708	1.00	1.38	43.4	31,188
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	5.13	4.54	94.2	178	0.35	0.79	12.0	12.8	0.78	3.74	4.52	—	39,822	39,822	1.85	1.15	0.37	40,212
2028	6.92	6.11	93.9	178	0.35	0.78	12.0	12.8	0.75	3.74	4.49	—	39,680	39,680	1.81	1.13	1.01	40,063
2029	9.20	67.3	67.4	130	0.18	0.89	14.2	15.1	0.83	3.39	4.23	—	29,685	29,685	1.03	1.38	1.12	30,123
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.65	0.57	11.5	21.6	0.04	0.10	1.70	1.80	0.10	0.60	0.70	—	4,746	4,746	0.22	0.13	0.73	4,791
2028	4.36	3.87	49.9	97.7	0.16	0.53	8.38	8.91	0.49	2.27	2.77	—	21,955	21,955	0.89	0.79	8.53	22,223
2029	2.84	13.9	21.4	42.1	0.06	0.28	4.53	4.81	0.26	1.08	1.35	—	9,593	9,593	0.33	0.45	6.03	9,741
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.12	0.10	2.10	3.94	0.01	0.02	0.31	0.33	0.02	0.11	0.13	—	786	786	0.04	0.02	0.12	793
2028	0.80	0.71	9.11	17.8	0.03	0.10	1.53	1.63	0.09	0.41	0.50	—	3,635	3,635	0.15	0.13	1.41	3,679
2029	0.52	2.54	3.90	7.68	0.01	0.05	0.83	0.88	0.05	0.20	0.25	—	1,588	1,588	0.05	0.07	1.00	1,613

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84	0.75	10.6	18.3	0.03	0.15	—	0.15	0.14	—	0.14	—	3,427	3,427	0.14	0.03	—	3,439
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.87	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	282	282	0.01	< 0.005	—	283
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.16	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.76	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	186	186	< 0.005	0.01	0.02	188
Vendor	0.04	0.01	0.53	0.28	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	—	477	477	0.03	0.07	0.03	499
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	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.02	15.7
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.2	39.2	< 0.005	0.01	0.04	41.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.48	6.48	< 0.005	< 0.005	0.01	6.79
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

3.2. Demolition (2027) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84	0.75	10.6	18.3	0.03	0.15	—	0.15	0.14	—	0.14	—	3,427	3,427	0.14	0.03	—	3,439
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.87	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	282	282	0.01	< 0.005	—	283
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.16	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.76	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	186	186	< 0.005	0.01	0.02	188
Vendor	0.04	0.01	0.53	0.28	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	—	477	477	0.03	0.07	0.03	499

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	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.02	15.7
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.2	39.2	< 0.005	0.01	0.04	41.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.60
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.48	6.48	< 0.005	< 0.005	0.01	6.79
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. Site Preparation (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.68	15.7	30.0	0.05	0.10	—	0.10	0.10	—	0.10	—	5,533	5,533	0.22	0.04	—	5,552
Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.06	0.06	1.29	2.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	455	455	0.02	< 0.005	—	456
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.22	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.24	0.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	75.3	75.3	< 0.005	< 0.005	—	75.5
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.88	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	217	217	< 0.005	0.01	0.02	220
Vendor	0.04	0.01	0.53	0.28	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	—	477	477	0.03	0.07	0.03	499
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	—	18.1	18.1	< 0.005	< 0.005	0.03	18.3
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.2	39.2	< 0.005	0.01	0.04	41.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.03
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.48	6.48	< 0.005	< 0.005	0.01	6.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.68	15.7	30.0	0.05	0.10	—	0.10	0.10	—	0.10	—	5,533	5,533	0.22	0.04	—	5,552
Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.29	2.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	455	455	0.02	< 0.005	—	456
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.22	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.24	0.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	75.3	75.3	< 0.005	< 0.005	—	75.5
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.88	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	217	217	< 0.005	0.01	0.02	220
Vendor	0.04	0.01	0.53	0.28	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	—	477	477	0.03	0.07	0.03	499
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	—	18.1	18.1	< 0.005	< 0.005	0.03	18.3
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	39.2	39.2	< 0.005	0.01	0.04	41.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.03
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.48	6.48	< 0.005	< 0.005	0.01	6.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2027) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.27	4.20	87.7	171	0.31	0.71	—	0.71	0.70	—	0.70	—	33,613	33,613	1.36	0.27	—	33,729
Dust From Material Movement	—	—	—	—	—	—	9.67	9.67	—	3.12	3.12	—	—	—	—	—	—	—
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	0.42	0.41	8.58	16.8	0.03	0.07	—	0.07	0.07	—	0.07	—	3,289	3,289	0.13	0.03	—	3,300
Dust From Material Movement	—	—	—	—	—	—	0.95	0.95	—	0.31	0.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.57	3.06	0.01	0.01	—	0.01	0.01	—	0.01	—	545	545	0.02	< 0.005	—	546
Dust From Material Movement	—	—	—	—	—	—	0.17	0.17	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.25	0.26	3.28	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	806	806	0.01	0.03	0.07	816
Vendor	0.22	0.05	2.60	1.37	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,353	2,353	0.17	0.35	0.15	2,462
Hauling	0.36	0.04	3.69	2.02	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	3,049	3,049	0.31	0.50	0.15	3,206
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	80.0	80.0	< 0.005	< 0.005	0.12	81.1
Vendor	0.02	< 0.005	0.25	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	230	230	0.02	0.03	0.24	241
Hauling	0.04	< 0.005	0.36	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	298	298	0.03	0.05	0.25	314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.2	13.2	< 0.005	< 0.005	0.02	13.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.1	38.1	< 0.005	0.01	0.04	39.9
Hauling	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	49.4	49.4	0.01	0.01	0.04	52.0

3.6. Grading (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.27	4.20	87.7	171	0.31	0.71	—	0.71	0.70	—	0.70	—	33,613	33,613	1.36	0.27	—	33,729

Dust From Material Movement	—	—	—	—	—	—	9.67	9.67	—	3.12	3.12	—	—	—	—	—	—	—
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	0.42	0.41	8.58	16.8	0.03	0.07	—	0.07	0.07	—	0.07	—	3,289	3,289	0.13	0.03	—	3,300
Dust From Material Movement	—	—	—	—	—	—	0.95	0.95	—	0.31	0.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.57	3.06	0.01	0.01	—	0.01	0.01	—	0.01	—	545	545	0.02	< 0.005	—	546
Dust From Material Movement	—	—	—	—	—	—	0.17	0.17	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.25	0.26	3.28	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	806	806	0.01	0.03	0.07	816
Vendor	0.22	0.05	2.60	1.37	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,353	2,353	0.17	0.35	0.15	2,462
Hauling	0.36	0.04	3.69	2.02	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	3,049	3,049	0.31	0.50	0.15	3,206

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	80.0	80.0	< 0.005	< 0.005	0.12	81.1
Vendor	0.02	< 0.005	0.25	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	230	230	0.02	0.03	0.24	241
Hauling	0.04	< 0.005	0.36	0.20	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	298	298	0.03	0.05	0.25	314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.2	13.2	< 0.005	< 0.005	0.02	13.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.1	38.1	< 0.005	0.01	0.04	39.9
Hauling	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	49.4	49.4	0.01	0.01	0.04	52.0

3.7. Grading (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.26	4.19	87.7	171	0.31	0.70	—	0.70	0.70	—	0.70	—	33,611	33,611	1.36	0.27	—	33,726
Dust From Material Movement	—	—	—	—	—	—	9.67	9.67	—	3.12	3.12	—	—	—	—	—	—	—
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	4.26	4.19	87.7	171	0.31	0.70	—	0.70	0.70	—	0.70	—	33,611	33,611	1.36	0.27	—	33,726

Dust From Material Movement	—	—	—	—	—	—	9.67	9.67	—	3.12	3.12	—	—	—	—	—	—	—
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	1.33	1.31	27.4	53.7	0.10	0.22	—	0.22	0.22	—	0.22	—	10,524	10,524	0.43	0.09	—	10,560
Dust From Material Movement	—	—	—	—	—	—	3.03	3.03	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	5.01	9.79	0.02	0.04	—	0.04	0.04	—	0.04	—	1,742	1,742	0.07	0.01	—	1,748
Dust From Material Movement	—	—	—	—	—	—	0.55	0.55	—	0.18	0.18	—	—	—	—	—	—	—
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	0.26	0.26	0.22	4.04	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	862	862	0.01	0.03	2.48	874
Vendor	0.22	0.05	2.37	1.30	0.02	0.04	0.68	0.71	0.02	0.19	0.20	—	2,297	2,297	0.15	0.35	5.00	2,411
Hauling	0.34	0.05	3.41	1.95	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	2,978	2,978	0.29	0.48	5.35	3,133
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.25	0.24	0.23	3.03	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	791	791	0.01	0.03	0.06	801
Vendor	0.21	0.05	2.48	1.32	0.02	0.04	0.68	0.71	0.02	0.19	0.20	—	2,299	2,299	0.15	0.35	0.13	2,407
Hauling	0.33	0.04	3.56	1.96	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	2,979	2,979	0.29	0.48	0.14	3,129
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.08	1.01	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	251	251	< 0.005	0.01	0.34	255
Vendor	0.07	0.01	0.78	0.41	0.01	0.01	0.21	0.22	0.01	0.06	0.06	—	720	720	0.05	0.11	0.68	754
Hauling	0.11	0.01	1.12	0.61	0.01	0.01	0.27	0.28	0.01	0.07	0.09	—	933	933	0.09	0.15	0.72	980
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.6	41.6	< 0.005	< 0.005	0.06	42.1
Vendor	0.01	< 0.005	0.14	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	119	119	0.01	0.02	0.11	125
Hauling	0.02	< 0.005	0.20	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	154	154	0.01	0.02	0.12	162

3.8. Grading (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.26	4.19	87.7	171	0.31	0.70	—	0.70	0.70	—	0.70	—	33,611	33,611	1.36	0.27	—	33,726
Dust From Material Movement	—	—	—	—	—	—	9.67	9.67	—	3.12	3.12	—	—	—	—	—	—	—
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	4.26	4.19	87.7	171	0.31	0.70	—	0.70	0.70	—	0.70	—	33,611	33,611	1.36	0.27	—	33,726
Dust From Material Movement	—	—	—	—	—	—	9.67	9.67	—	3.12	3.12	—	—	—	—	—	—	—
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	1.33	1.31	27.4	53.7	0.10	0.22	—	0.22	0.22	—	0.22	—	10,524	10,524	0.43	0.09	—	10,560
Dust From Material Movement	—	—	—	—	—	—	3.03	3.03	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	5.01	9.79	0.02	0.04	—	0.04	0.04	—	0.04	—	1,742	1,742	0.07	0.01	—	1,748
Dust From Material Movement	—	—	—	—	—	—	0.55	0.55	—	0.18	0.18	—	—	—	—	—	—	—
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	0.26	0.26	0.22	4.04	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	862	862	0.01	0.03	2.48	874
Vendor	0.22	0.05	2.37	1.30	0.02	0.04	0.68	0.71	0.02	0.19	0.20	—	2,297	2,297	0.15	0.35	5.00	2,411
Hauling	0.34	0.05	3.41	1.95	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	2,978	2,978	0.29	0.48	5.35	3,133

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.24	0.23	3.03	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	791	791	0.01	0.03	0.06	801
Vendor	0.21	0.05	2.48	1.32	0.02	0.04	0.68	0.71	0.02	0.19	0.20	—	2,299	2,299	0.15	0.35	0.13	2,407
Hauling	0.33	0.04	3.56	1.96	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	2,979	2,979	0.29	0.48	0.14	3,129
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.08	1.01	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	251	251	< 0.005	0.01	0.34	255
Vendor	0.07	0.01	0.78	0.41	0.01	0.01	0.21	0.22	0.01	0.06	0.06	—	720	720	0.05	0.11	0.68	754
Hauling	0.11	0.01	1.12	0.61	0.01	0.01	0.27	0.28	0.01	0.07	0.09	—	933	933	0.09	0.15	0.72	980
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.6	41.6	< 0.005	< 0.005	0.06	42.1
Vendor	0.01	< 0.005	0.14	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	119	119	0.01	0.02	0.11	125
Hauling	0.02	< 0.005	0.20	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	154	154	0.01	0.02	0.12	162

3.9. Building Construction (2028) - 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	3.54	3.10	43.2	62.9	0.10	0.65	—	0.65	0.61	—	0.61	—	9,785	9,785	0.40	0.08	—	9,819
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	3.54	3.10	43.2	62.9	0.10	0.65	—	0.65	0.61	—	0.61	—	9,785	9,785	0.40	0.08	—	9,819
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	1.43	1.25	17.4	25.4	0.04	0.26	—	0.26	0.25	—	0.25	—	3,945	3,945	0.16	0.03	—	3,958
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	0.26	0.23	3.18	4.63	0.01	0.05	—	0.05	0.04	—	0.04	—	653	653	0.03	0.01	—	655
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	3.15	3.10	2.71	48.7	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	10,416	10,416	0.12	0.37	29.9	10,560
Vendor	0.39	0.09	4.30	2.36	0.03	0.06	1.22	1.29	0.03	0.34	0.37	—	4,159	4,159	0.27	0.64	9.06	4,364
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	2.99	2.93	2.74	36.7	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	9,557	9,557	0.14	0.37	0.78	9,672
Vendor	0.39	0.08	4.48	2.40	0.03	0.06	1.22	1.29	0.03	0.34	0.37	—	4,161	4,161	0.27	0.64	0.23	4,358
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	1.19	1.17	1.24	15.7	0.00	0.00	4.12	4.12	0.00	0.97	0.97	—	3,907	3,907	0.06	0.15	5.22	3,958
Vendor	0.16	0.03	1.81	0.96	0.01	0.03	0.49	0.52	0.01	0.14	0.15	—	1,677	1,677	0.11	0.26	1.57	1,758

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	0.22	0.21	0.23	2.86	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	647	647	0.01	0.02	0.86	655
Vendor	0.03	0.01	0.33	0.17	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	278	278	0.02	0.04	0.26	291
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.54	3.10	43.2	62.9	0.10	0.65	—	0.65	0.61	—	0.61	—	9,785	9,785	0.40	0.08	—	9,819
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	3.54	3.10	43.2	62.9	0.10	0.65	—	0.65	0.61	—	0.61	—	9,785	9,785	0.40	0.08	—	9,819
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	1.43	1.25	17.4	25.4	0.04	0.26	—	0.26	0.25	—	0.25	—	3,945	3,945	0.16	0.03	—	3,958
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	0.26	0.23	3.18	4.63	0.01	0.05	—	0.05	0.04	—	0.04	—	653	653	0.03	0.01	—	655
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	3.15	3.10	2.71	48.7	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	10,416	10,416	0.12	0.37	29.9	10,560
Vendor	0.39	0.09	4.30	2.36	0.03	0.06	1.22	1.29	0.03	0.34	0.37	—	4,159	4,159	0.27	0.64	9.06	4,364
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	2.99	2.93	2.74	36.7	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	9,557	9,557	0.14	0.37	0.78	9,672
Vendor	0.39	0.08	4.48	2.40	0.03	0.06	1.22	1.29	0.03	0.34	0.37	—	4,161	4,161	0.27	0.64	0.23	4,358
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	1.19	1.17	1.24	15.7	0.00	0.00	4.12	4.12	0.00	0.97	0.97	—	3,907	3,907	0.06	0.15	5.22	3,958
Vendor	0.16	0.03	1.81	0.96	0.01	0.03	0.49	0.52	0.01	0.14	0.15	—	1,677	1,677	0.11	0.26	1.57	1,758
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	0.22	0.21	0.23	2.86	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	647	647	0.01	0.02	0.86	655
Vendor	0.03	0.01	0.33	0.17	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	278	278	0.02	0.04	0.26	291
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. Building Construction (2029) - 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	3.48	3.05	43.1	62.8	0.10	0.62	—	0.62	0.58	—	0.58	—	9,783	9,783	0.40	0.08	—	9,816
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	3.48	3.05	43.1	62.8	0.10	0.62	—	0.62	0.58	—	0.58	—	9,783	9,783	0.40	0.08	—	9,816
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	1.20	1.06	14.9	21.8	0.03	0.22	—	0.22	0.20	—	0.20	—	3,389	3,389	0.14	0.03	—	3,400
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	0.22	0.19	2.72	3.97	0.01	0.04	—	0.04	0.04	—	0.04	—	561	561	0.02	< 0.005	—	563
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	2.99	2.94	2.37	45.5	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	10,228	10,228	0.10	0.37	26.7	10,368
Vendor	0.36	0.09	4.11	2.26	0.03	0.03	1.22	1.26	0.03	0.34	0.37	—	4,050	4,050	0.27	0.60	7.96	4,244
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	2.84	2.45	2.73	34.3	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	9,385	9,385	0.12	0.37	0.69	9,500
Vendor	0.35	0.08	4.27	2.29	0.03	0.03	1.22	1.26	0.03	0.34	0.37	—	4,052	4,052	0.27	0.60	0.21	4,239
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	0.98	0.85	0.94	12.5	0.00	0.00	3.54	3.54	0.00	0.83	0.83	—	3,296	3,296	0.04	0.13	4.00	3,340
Vendor	0.12	0.03	1.49	0.79	0.01	0.01	0.42	0.43	0.01	0.12	0.13	—	1,403	1,403	0.09	0.21	1.19	1,469
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	0.18	0.15	0.17	2.29	0.00	0.00	0.65	0.65	0.00	0.15	0.15	—	546	546	0.01	0.02	0.66	553
Vendor	0.02	0.01	0.27	0.14	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	232	232	0.02	0.03	0.20	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

3.12. Building Construction (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.48	3.05	43.1	62.8	0.10	0.62	—	0.62	0.58	—	0.58	—	9,783	9,783	0.40	0.08	—	9,816
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	3.48	3.05	43.1	62.8	0.10	0.62	—	0.62	0.58	—	0.58	—	9,783	9,783	0.40	0.08	—	9,816
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	1.20	1.06	14.9	21.8	0.03	0.22	—	0.22	0.20	—	0.20	—	3,389	3,389	0.14	0.03	—	3,400
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	0.22	0.19	2.72	3.97	0.01	0.04	—	0.04	0.04	—	0.04	—	561	561	0.02	< 0.005	—	563
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	2.99	2.94	2.37	45.5	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	10,228	10,228	0.10	0.37	26.7	10,368
Vendor	0.36	0.09	4.11	2.26	0.03	0.03	1.22	1.26	0.03	0.34	0.37	—	4,050	4,050	0.27	0.60	7.96	4,244
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	2.84	2.45	2.73	34.3	0.00	0.00	10.3	10.3	0.00	2.41	2.41	—	9,385	9,385	0.12	0.37	0.69	9,500
Vendor	0.35	0.08	4.27	2.29	0.03	0.03	1.22	1.26	0.03	0.34	0.37	—	4,052	4,052	0.27	0.60	0.21	4,239
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	0.98	0.85	0.94	12.5	0.00	0.00	3.54	3.54	0.00	0.83	0.83	—	3,296	3,296	0.04	0.13	4.00	3,340
Vendor	0.12	0.03	1.49	0.79	0.01	0.01	0.42	0.43	0.01	0.12	0.13	—	1,403	1,403	0.09	0.21	1.19	1,469

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	0.18	0.15	0.17	2.29	0.00	0.00	0.65	0.65	0.00	0.15	0.15	—	546	546	0.01	0.02	0.66	553
Vendor	0.02	0.01	0.27	0.14	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	232	232	0.02	0.03	0.20	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

3.13. Paving (2029) - 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	0.47	0.42	6.69	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.47	0.42	6.69	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.13	0.12	1.83	2.90	< 0.005	0.02	—	0.02	0.02	—	0.02	—	414	414	0.02	< 0.005	—	415
Paving	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.02	0.02	0.33	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	68.5	68.5	< 0.005	< 0.005	—	68.8
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.87	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	195	195	< 0.005	0.01	0.51	198
Vendor	0.13	0.03	1.49	0.82	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,473	1,473	0.10	0.22	2.89	1,543
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.66	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	179	179	< 0.005	0.01	0.01	182
Vendor	0.13	0.03	1.55	0.83	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,474	1,474	0.10	0.22	0.08	1,542
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	0.19	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.8	49.8	< 0.005	< 0.005	0.06	50.5
Vendor	0.04	0.01	0.43	0.23	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.04	—	404	404	0.03	0.06	0.34	423
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.25	8.25	< 0.005	< 0.005	0.01	8.36
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	66.8	66.8	< 0.005	0.01	0.06	70.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.42	6.69	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.47	0.42	6.69	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.13	0.12	1.83	2.90	< 0.005	0.02	—	0.02	0.02	—	0.02	—	414	414	0.02	< 0.005	—	415
Paving	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	0.33	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	68.5	68.5	< 0.005	< 0.005	—	68.8
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.87	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	195	195	< 0.005	0.01	0.51	198
Vendor	0.13	0.03	1.49	0.82	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,473	1,473	0.10	0.22	2.89	1,543
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.66	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	179	179	< 0.005	0.01	0.01	182
Vendor	0.13	0.03	1.55	0.83	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,474	1,474	0.10	0.22	0.08	1,542
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	0.19	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.8	49.8	< 0.005	< 0.005	0.06	50.5
Vendor	0.04	0.01	0.43	0.23	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.04	—	404	404	0.03	0.06	0.34	423
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.25	8.25	< 0.005	< 0.005	0.01	8.36
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	66.8	66.8	< 0.005	0.01	0.06	70.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2029) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.09	8.47	11.9	0.02	0.14	—	0.14	0.13	—	0.13	—	1,424	1,424	0.06	0.01	—	1,429
Architectural Coatings	—	133	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.09	8.47	11.9	0.02	0.14	—	0.14	0.13	—	0.13	—	1,424	1,424	0.06	0.01	—	1,429
Architectural Coatings	—	133	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.25	0.21	1.62	2.28	< 0.005	0.03	—	0.03	0.02	—	0.02	—	273	273	0.01	< 0.005	—	274
Architectural Coatings	—	25.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.30	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.2	45.2	< 0.005	< 0.005	—	45.4
Architectural Coatings	—	4.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.60	0.59	0.47	9.11	0.00	0.00	2.05	2.05	0.00	0.48	0.48	—	2,046	2,046	0.02	0.07	5.35	2,074
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	0.57	0.49	0.55	6.86	0.00	0.00	2.05	2.05	0.00	0.48	0.48	—	1,877	1,877	0.02	0.07	0.14	1,900
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	0.11	0.09	0.10	1.39	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	365	365	< 0.005	0.01	0.44	370
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	0.02	0.02	0.02	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.4	60.4	< 0.005	< 0.005	0.07	61.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (2029) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.09	8.47	11.9	0.02	0.14	—	0.14	0.13	—	0.13	—	1,424	1,424	0.06	0.01	—	1,429
Architectural Coatings	—	58.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.32	1.09	8.47	11.9	0.02	0.14	—	0.14	0.13	—	0.13	—	1,424	1,424	0.06	0.01	—	1,429
Architectural Coatings	—	58.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.25	0.21	1.62	2.28	< 0.005	0.03	—	0.03	0.02	—	0.02	—	273	273	0.01	< 0.005	—	274
Architectural Coatings	—	11.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.30	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.2	45.2	< 0.005	< 0.005	—	45.4
Architectural Coatings	—	2.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.59	0.47	9.11	0.00	0.00	2.05	2.05	0.00	0.48	0.48	—	2,046	2,046	0.02	0.07	5.35	2,074
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	0.57	0.49	0.55	6.86	0.00	0.00	2.05	2.05	0.00	0.48	0.48	—	1,877	1,877	0.02	0.07	0.14	1,900
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	0.11	0.09	0.10	1.39	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	365	365	< 0.005	0.01	0.44	370
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	0.02	0.02	0.02	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.4	60.4	< 0.005	< 0.005	0.07	61.2
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	10/1/2027	11/11/2027	5.00	30.0	—
Site Preparation	Site Preparation	10/1/2027	11/11/2027	5.00	30.0	—
Grading	Grading	11/12/2027	6/8/2028	5.00	150	—
Building Construction	Building Construction	6/9/2028	6/26/2029	5.00	273	—
Paving	Paving	2/7/2029	6/26/2029	5.00	100	—
Architectural Coating	Architectural Coating	3/21/2029	6/26/2029	5.00	70.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40

Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	4.00	8.00	87.0	0.43
Grading	Graders	Diesel	Tier 4 Interim	3.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	4.00	8.00	36.0	0.38
Grading	Scrapers	Diesel	Tier 4 Interim	14.0	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Tier 4 Interim	2.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Tier 4 Interim	12.0	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	12.0	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	6.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	12.0	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Interim	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	8.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40

Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	4.00	8.00	87.0	0.43
Grading	Graders	Diesel	Tier 4 Interim	3.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	4.00	8.00	36.0	0.38
Grading	Scrapers	Diesel	Tier 4 Interim	14.0	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Tier 4 Interim	2.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Tier 4 Interim	12.0	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	12.0	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	6.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	12.0	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Interim	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	8.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	16.0	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2

Site Preparation	Vendor	16.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	65.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	79.0	10.2	HHDT,MHDT
Grading	Hauling	45.8	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	785	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	143	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	52.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	157	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	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—

Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	16.0	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	16.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	65.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	79.0	10.2	HHDT,MHDT
Grading	Hauling	45.8	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	785	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	143	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	52.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	157	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	—	—	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	2,804,640	934,880	132,604

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	0.00	0.00	105	0.00	—
Grading	0.00	55,000	2,700	0.00	—
Paving	0.00	0.00	0.00	0.00	50.7

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%
General Office Building	0.00	0%
Parking Lot	50.7	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	532	0.03	< 0.005
2028	0.00	532	0.03	< 0.005
2029	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

5.18.1.2. Mitigated

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

5.18.1.2. Mitigated

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)

5.18.2.2. Mitigated

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	27.6	annual days of extreme heat
Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	14.7	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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	60.9
AQ-DPM	67.4
Drinking Water	96.3
Lead Risk Housing	8.87
Pesticides	0.00
Toxic Releases	58.6
Traffic	72.8
Effect Indicators	—
CleanUp Sites	94.1
Groundwater	68.6
Haz Waste Facilities/Generators	63.6
Impaired Water Bodies	0.00
Solid Waste	75.7

Sensitive Population	—
Asthma	56.5
Cardio-vascular	74.7
Low Birth Weights	44.5
Socioeconomic Factor Indicators	—
Education	61.1
Housing	0.94
Linguistic	36.0
Poverty	19.4
Unemployment	83.2

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	84.02412421
Employed	1.591171564
Median HI	79.9563711
Education	—
Bachelor's or higher	28.85923264
High school enrollment	17.31040678
Preschool enrollment	36.78942641
Transportation	—
Auto Access	72.44963429
Active commuting	7.917361735
Social	—
2-parent households	44.74528423

Voting	49.54446298
Neighborhood	—
Alcohol availability	75.52932119
Park access	7.04478378
Retail density	9.457205184
Supermarket access	35.77569614
Tree canopy	15.46259464
Housing	—
Homeownership	91.76183755
Housing habitability	92.04414218
Low-inc homeowner severe housing cost burden	90.09367381
Low-inc renter severe housing cost burden	81.05992557
Uncrowded housing	69.47260362
Health Outcomes	—
Insured adults	52.11086873
Arthritis	41.4
Asthma ER Admissions	28.5
High Blood Pressure	35.9
Cancer (excluding skin)	49.7
Asthma	32.2
Coronary Heart Disease	57.7
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	36.9
Life Expectancy at Birth	29.0
Cognitively Disabled	60.3
Physically Disabled	57.4
Heart Attack ER Admissions	27.5

Mental Health Not Good	47.3
Chronic Kidney Disease	45.1
Obesity	33.5
Pedestrian Injuries	91.8
Physical Health Not Good	49.9
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	26.9
Current Smoker	51.2
No Leisure Time for Physical Activity	54.9
Climate Change Exposures	—
Wildfire Risk	45.4
SLR Inundation Area	0.0
Children	40.5
Elderly	74.7
English Speaking	78.9
Foreign-born	23.9
Outdoor Workers	16.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	79.3
Traffic Density	68.0
Traffic Access	23.0
Other Indices	—
Hardship	39.4
Other Decision Support	—
2016 Voting	59.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	70.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Construction schedule based on data provided by Project team.
Construction: Off-Road Equipment	Construction equipment adjusted based on data provided by the Project team.
Construction: Trips and VMT	Adjusted to include vendor trips during each phase of construction based on the construction schedule.
Construction: Architectural Coatings	SCAQMD Rule 1113

14324 Pepper 210 Ops Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14324 Pepper 210 Ops
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	6.80
Location	34.139327394311096, -117.36132402819828
County	San Bernardino-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5317
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.25

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	1,868	1000sqft	42.9	1,867,660	963,829	—	—	—

General Office Building	2.10	1000sqft	0.05	2,100	0.00	—	—	—
Parking Lot	2,210	1000sqft	50.7	0.00	0.00	—	—	—
User Defined Industrial	1,868	User Defined Unit	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	77.1	70.0	76.1	190	0.77	1.46	36.5	38.0	1.37	9.59	11.0	1,057	94,819	95,876	113	11.5	173	102,308
Mit.	58.8	52.9	75.4	108	0.76	1.32	36.5	37.8	1.26	9.59	10.9	1,057	94,534	95,591	113	11.5	173	102,022
% Reduced	24%	24%	1%	43%	1%	10%	—	< 0.5%	8%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	62.1	56.1	78.8	99.1	0.75	1.32	36.5	37.8	1.26	9.59	10.9	1,057	93,407	94,463	113	11.6	4.49	100,736
Mit.	58.3	52.3	78.8	99.1	0.75	1.32	36.5	37.8	1.26	9.59	10.9	1,057	93,407	94,463	113	11.6	4.49	100,736

% Reduced	6%	7%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	66.7	61.7	56.7	128	0.55	0.97	26.5	27.4	0.91	6.95	7.86	1,057	70,818	71,875	111	8.52	54.3	77,247
Mit.	53.0	48.7	56.2	72.1	0.55	0.87	26.5	27.3	0.83	6.95	7.79	1,057	70,623	71,680	111	8.52	54.3	77,051
% Reduced	21%	21%	1%	44%	1%	10%	—	< 0.5%	8%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.2	11.3	10.3	23.3	0.10	0.18	4.83	5.01	0.17	1.27	1.43	175	11,725	11,900	18.4	1.41	8.98	12,789
Mit.	9.67	8.89	10.3	13.2	0.10	0.16	4.83	4.99	0.15	1.27	1.42	175	11,693	11,867	18.4	1.41	8.98	12,757
% Reduced	21%	21%	1%	44%	1%	10%	—	< 0.5%	8%	—	1%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.5	10.6	72.6	106	0.76	1.17	36.5	37.7	1.12	9.59	10.7	—	83,482	83,482	5.81	11.2	173	87,123
Area	59.6	58.5	0.68	81.3	< 0.005	0.14	—	0.14	0.11	—	0.11	—	334	334	0.01	< 0.005	—	336
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505

Total	77.1	70.0	76.1	190	0.77	1.46	36.5	38.0	1.37	9.59	11.0	1,057	94,819	95,876	113	11.5	173	102,308
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	15.9	10.1	76.1	96.6	0.75	1.17	36.5	37.7	1.12	9.59	10.7	—	82,404	82,404	5.85	11.2	4.48	85,888
Area	45.1	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	62.1	56.1	78.8	99.1	0.75	1.32	36.5	37.8	1.26	9.59	10.9	1,057	93,407	94,463	113	11.6	4.49	100,736
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	7.28	55.9	71.7	0.55	0.85	26.5	27.3	0.81	6.95	7.77	—	60,021	60,021	4.25	8.13	54.2	62,604
Area	55.0	54.3	0.47	55.7	< 0.005	0.10	—	0.10	0.07	—	0.07	—	229	229	0.01	< 0.005	—	230
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	66.7	61.7	56.7	128	0.55	0.97	26.5	27.4	0.91	6.95	7.86	1,057	70,818	71,875	111	8.52	54.3	77,247
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.11	1.33	10.2	13.1	0.10	0.16	4.83	4.99	0.15	1.27	1.42	—	9,937	9,937	0.70	1.35	8.98	10,365
Area	10.0	9.90	0.09	10.2	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.9	37.9	< 0.005	< 0.005	—	38.1
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,664	1,664	0.16	0.02	—	1,674
Water	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152

Waste	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	12.2	11.3	10.3	23.3	0.10	0.18	4.83	5.01	0.17	1.27	1.43	175	11,725	11,900	18.4	1.41	8.98	12,789

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.5	10.6	72.6	106	0.76	1.17	36.5	37.7	1.12	9.59	10.7	—	83,482	83,482	5.81	11.2	173	87,123
Area	41.3	41.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,103	10,103	0.96	0.12	—	10,161
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	58.8	52.9	75.4	108	0.76	1.32	36.5	37.8	1.26	9.59	10.9	1,057	94,534	95,591	113	11.5	173	102,022
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	15.9	10.1	76.1	96.6	0.75	1.17	36.5	37.7	1.12	9.59	10.7	—	82,404	82,404	5.85	11.2	4.48	85,888
Area	41.3	41.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	58.3	52.3	78.8	99.1	0.75	1.32	36.5	37.8	1.26	9.59	10.9	1,057	93,407	94,463	113	11.6	4.49	100,736
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	7.28	55.9	71.7	0.55	0.85	26.5	27.3	0.81	6.95	7.77	—	60,021	60,021	4.25	8.13	54.2	62,604
Area	41.3	41.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,087	10,087	0.96	0.12	—	10,146
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	53.0	48.7	56.2	72.1	0.55	0.87	26.5	27.3	0.83	6.95	7.79	1,057	70,623	71,680	111	8.52	54.3	77,051
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.11	1.33	10.2	13.1	0.10	0.16	4.83	4.99	0.15	1.27	1.42	—	9,937	9,937	0.70	1.35	8.98	10,365
Area	7.54	7.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,670	1,670	0.16	0.02	—	1,680
Water	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152
Waste	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	9.67	8.89	10.3	13.2	0.10	0.16	4.83	4.99	0.15	1.27	1.42	175	11,693	11,867	18.4	1.41	8.98	12,757

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	9.81	9.28	3.42	66.2	0.14	0.06	14.2	14.3	0.05	3.60	3.65	—	14,080	14,080	0.62	0.41	32.7	14,250
General Office Building	0.10	0.09	0.03	0.65	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	138	138	0.01	< 0.005	0.32	140
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	6.55	1.22	69.2	38.8	0.62	1.11	22.1	23.2	1.06	5.96	7.02	—	69,264	69,264	5.18	10.7	140	72,734
Total	16.5	10.6	72.6	106	0.76	1.17	36.5	37.7	1.12	9.59	10.7	—	83,482	83,482	5.81	11.2	173	87,123
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	9.33	8.80	3.76	57.1	0.13	0.06	14.2	14.3	0.05	3.60	3.65	—	12,996	12,996	0.67	0.43	0.85	13,143
General Office Building	0.09	0.09	0.04	0.56	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	127	127	0.01	< 0.005	0.01	129

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	6.50	1.18	72.3	38.9	0.62	1.11	22.1	23.2	1.06	5.96	7.02	—	69,280	69,280	5.18	10.7	3.63	72,616
Total	15.9	10.1	76.1	96.6	0.75	1.17	36.5	37.7	1.12	9.59	10.7	—	82,404	82,404	5.85	11.2	4.48	85,888
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.23	1.16	0.51	7.87	0.02	0.01	1.89	1.90	0.01	0.48	0.48	—	1,592	1,592	0.08	0.05	1.70	1,611
General Office Building	0.01	0.01	0.01	0.08	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	15.6	15.6	< 0.005	< 0.005	0.02	15.8
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.86	0.16	9.68	5.14	0.08	0.15	2.92	3.07	0.14	0.79	0.93	—	8,330	8,330	0.62	1.29	7.26	8,738
Total	2.11	1.33	10.2	13.1	0.10	0.16	4.83	4.99	0.15	1.27	1.42	—	9,937	9,937	0.70	1.35	8.98	10,365

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	9.81	9.28	3.42	66.2	0.14	0.06	14.2	14.3	0.05	3.60	3.65	—	14,080	14,080	0.62	0.41	32.7	14,250

General Office Building	0.10	0.09	0.03	0.65	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	138	138	0.01	< 0.005	0.32	140
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	6.55	1.22	69.2	38.8	0.62	1.11	22.1	23.2	1.06	5.96	7.02	—	69,264	69,264	5.18	10.7	140	72,734
Total	16.5	10.6	72.6	106	0.76	1.17	36.5	37.7	1.12	9.59	10.7	—	83,482	83,482	5.81	11.2	173	87,123
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	9.33	8.80	3.76	57.1	0.13	0.06	14.2	14.3	0.05	3.60	3.65	—	12,996	12,996	0.67	0.43	0.85	13,143
General Office Building	0.09	0.09	0.04	0.56	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	127	127	0.01	< 0.005	0.01	129
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	6.50	1.18	72.3	38.9	0.62	1.11	22.1	23.2	1.06	5.96	7.02	—	69,280	69,280	5.18	10.7	3.63	72,616
Total	15.9	10.1	76.1	96.6	0.75	1.17	36.5	37.7	1.12	9.59	10.7	—	82,404	82,404	5.85	11.2	4.48	85,888
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.23	1.16	0.51	7.87	0.02	0.01	1.89	1.90	0.01	0.48	0.48	—	1,592	1,592	0.08	0.05	1.70	1,611
General Office Building	0.01	0.01	0.01	0.08	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	15.6	15.6	< 0.005	< 0.005	0.02	15.8

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.86	0.16	9.68	5.14	0.08	0.15	2.92	3.07	0.14	0.79	0.93	—	8,330	8,330	0.62	1.29	7.26	8,738
Total	2.11	1.33	10.2	13.1	0.10	0.16	4.83	4.99	0.15	1.27	1.42	—	9,937	9,937	0.70	1.35	8.98	10,365

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,182	8,182	0.78	0.09	—	8,229
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,053	10,053	0.96	0.12	—	10,111
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	—	8,182	8,182	0.78	0.09	—	8,229
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,053	10,053	0.96	0.12	—	10,111
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,355	1,355	0.13	0.02	—	1,362
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	5.76	5.76	< 0.005	< 0.005	—	5.79
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	304	304	0.03	< 0.005	—	306
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,664	1,664	0.16	0.02	—	1,674

4.2.2. Electricity Emissions By Land Use - Mitigated

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

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

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,231	8,231	0.78	0.10	—	8,279
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,103	10,103	0.96	0.12	—	10,161
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,182	8,182	0.78	0.09	—	8,229
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,053	10,053	0.96	0.12	—	10,111
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,360	1,360	0.13	0.02	—	1,368

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	5.76	5.76	< 0.005	< 0.005	—	5.79
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	304	304	0.03	< 0.005	—	306
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,670	1,670	0.16	0.02	—	1,680

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	40.2	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.92	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	14.5	13.4	0.68	81.3	< 0.005	0.14	—	0.14	0.11	—	0.11	—	334	334	0.01	< 0.005	—	336
Total	59.6	58.5	0.68	81.3	< 0.005	0.14	—	0.14	0.11	—	0.11	—	334	334	0.01	< 0.005	—	336
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	40.2	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	4.92	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	45.1	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	7.33	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	0.90	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	1.81	1.67	0.09	10.2	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.9	37.9	< 0.005	< 0.005	—	38.1
Total	10.0	9.90	0.09	10.2	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.9	37.9	< 0.005	< 0.005	—	38.1

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	40.2	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	1.12	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	41.3	41.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	40.2	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.12	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	41.3	41.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	7.33	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.54	7.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.0	73.5	91.5	1.85	0.04	—	151
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.12	0.40	0.52	0.01	< 0.005	—	0.91

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.0	73.5	91.5	1.85	0.04	—	151
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.12	0.40	0.52	0.01	< 0.005	—	0.91
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	548
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	548
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505

Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	3,268	261	105	871,207	20,425	1,634	654	5,444,432
General Office Building	32.0	1.98	1.79	8,539	200	12.3	11.2	53,365
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	710	57.9	1.87	188,148	24,499	1,999	64.5	6,494,871

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	3,268	261	105	871,207	20,425	1,634	654	5,444,432
General Office Building	32.0	1.98	1.79	8,539	200	12.3	11.2	53,365
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	710	57.9	1.87	188,148	24,499	1,999	64.5	6,494,871

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	2,804,640	934,880	132,604

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	8,626,167	346	0.0330	0.0040	0.00
General Office Building	36,649	346	0.0330	0.0040	0.00
Parking Lot	1,936,018	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	8,626,167	346	0.0330	0.0040	0.00
General Office Building	36,649	346	0.0330	0.0040	0.00
Parking Lot	1,936,018	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	56,706,600	15,478,249
General Office Building	373,241	0.00
Parking Lot	0.00	0.00
User Defined Industrial	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	56,706,600	15,478,249
General Office Building	373,241	0.00
Parking Lot	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Unrefrigerated Warehouse-No Rail	1,756	—
General Office Building	1.95	—
Parking Lot	0.00	—
User Defined Industrial	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,756	—
General Office Building	1.95	—
Parking Lot	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

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

5.18.1.2. Mitigated

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)

5.18.2.2. Mitigated

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	27.6	annual days of extreme heat

Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	14.7	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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	60.9
AQ-DPM	67.4
Drinking Water	96.3
Lead Risk Housing	8.87
Pesticides	0.00

Toxic Releases	58.6
Traffic	72.8
Effect Indicators	—
CleanUp Sites	94.1
Groundwater	68.6
Haz Waste Facilities/Generators	63.6
Impaired Water Bodies	0.00
Solid Waste	75.7
Sensitive Population	—
Asthma	56.5
Cardio-vascular	74.7
Low Birth Weights	44.5
Socioeconomic Factor Indicators	—
Education	61.1
Housing	0.94
Linguistic	36.0
Poverty	19.4
Unemployment	83.2

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	84.02412421
Employed	1.591171564
Median HI	79.9563711
Education	—

Bachelor's or higher	28.85923264
High school enrollment	17.31040678
Preschool enrollment	36.78942641
Transportation	—
Auto Access	72.44963429
Active commuting	7.917361735
Social	—
2-parent households	44.74528423
Voting	49.54446298
Neighborhood	—
Alcohol availability	75.52932119
Park access	7.04478378
Retail density	9.457205184
Supermarket access	35.77569614
Tree canopy	15.46259464
Housing	—
Homeownership	91.76183755
Housing habitability	92.04414218
Low-inc homeowner severe housing cost burden	90.09367381
Low-inc renter severe housing cost burden	81.05992557
Uncrowded housing	69.47260362
Health Outcomes	—
Insured adults	52.11086873
Arthritis	41.4
Asthma ER Admissions	28.5
High Blood Pressure	35.9
Cancer (excluding skin)	49.7

Asthma	32.2
Coronary Heart Disease	57.7
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	36.9
Life Expectancy at Birth	29.0
Cognitively Disabled	60.3
Physically Disabled	57.4
Heart Attack ER Admissions	27.5
Mental Health Not Good	47.3
Chronic Kidney Disease	45.1
Obesity	33.5
Pedestrian Injuries	91.8
Physical Health Not Good	49.9
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	26.9
Current Smoker	51.2
No Leisure Time for Physical Activity	54.9
Climate Change Exposures	—
Wildfire Risk	45.4
SLR Inundation Area	0.0
Children	40.5
Elderly	74.7
English Speaking	78.9
Foreign-born	23.9
Outdoor Workers	16.6
Climate Change Adaptive Capacity	—

Impervious Surface Cover	79.3
Traffic Density	68.0
Traffic Access	23.0
Other Indices	—
Hardship	39.4
Other Decision Support	—
2016 Voting	59.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	70.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
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

Operations: Vehicle Data	Trip rates adjusted based on Project traffic study.
Operations: Fleet Mix	Fleet mix adjusted to separate passenger vehicles and trucks.
Operations: Energy Use	Project will not utilize natural gas.
Operations: Water and Waste Water	Water use based on Project WSA.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater.

14324 Pepper 210 Ops LST Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14324 Pepper 210 Ops LST
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	6.80
Location	34.139327394311096, -117.36132402819828
County	San Bernardino-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5317
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

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	1,868	1000sqft	42.9	1,867,660	963,829	—	—	—

General Office Building	2.10	1000sqft	0.05	2,100	0.00	—	—	—
Parking Lot	2,210	1000sqft	50.7	0.00	0.00	—	—	—
User Defined Industrial	1,868	User Defined Unit	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	25.6	68.4	16.8	125	0.10	0.38	5.88	6.27	0.34	1.51	1.85	1,057	21,150	22,206	108	1.45	18.7	25,361
Mit.	11.1	55.0	16.1	43.5	0.10	0.24	5.88	6.12	0.23	1.51	1.74	1,057	20,865	21,922	108	1.44	18.7	25,075
% Reduced	57%	20%	4%	65%	5%	38%	—	2%	32%	—	6%	—	1%	1%	< 0.5%	< 0.5%	—	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.6	54.5	16.8	42.7	0.09	0.24	5.88	6.12	0.24	1.51	1.74	1,057	20,486	21,542	108	1.46	0.49	24,683
Mit.	10.6	54.5	16.8	42.7	0.09	0.24	5.88	6.12	0.24	1.51	1.74	1,057	20,486	21,542	108	1.46	0.49	24,683
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	17.0	60.5	11.0	85.7	0.07	0.19	4.27	4.46	0.16	1.09	1.25	1,057	17,736	18,792	108	1.17	5.87	21,842
Mit.	7.06	51.3	10.5	30.0	0.06	0.09	4.27	4.36	0.09	1.09	1.18	1,057	17,541	18,597	108	1.17	5.87	21,647
% Reduced	58%	15%	4%	65%	5%	53%	—	2%	47%	—	6%	—	1%	1%	< 0.5%	< 0.5%	—	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.10	11.0	2.00	15.6	0.01	0.03	0.78	0.81	0.03	0.20	0.23	175	2,936	3,111	17.9	0.19	0.97	3,616
Mit.	1.29	9.37	1.92	5.48	0.01	0.02	0.78	0.80	0.02	0.20	0.22	175	2,904	3,079	17.9	0.19	0.97	3,584
% Reduced	58%	15%	4%	65%	5%	53%	—	2%	47%	—	6%	—	1%	1%	< 0.5%	< 0.5%	—	1%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.1	8.93	13.4	40.9	0.09	0.09	5.88	5.98	0.09	1.51	1.60	—	9,812	9,812	1.27	1.05	18.7	10,176
Area	14.5	58.5	0.68	81.3	< 0.005	0.14	—	0.14	0.11	—	0.11	—	334	334	0.01	< 0.005	—	336
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	25.6	68.4	16.8	125	0.10	0.38	5.88	6.27	0.34	1.51	1.85	1,057	21,150	22,206	108	1.45	18.7	25,361

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.55	8.41	14.1	40.2	0.09	0.10	5.88	5.98	0.09	1.51	1.60	—	9,483	9,483	1.32	1.07	0.48	9,834
Area	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	10.6	54.5	16.8	42.7	0.09	0.24	5.88	6.12	0.24	1.51	1.74	1,057	20,486	21,542	108	1.46	0.49	24,683
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.91	6.08	10.1	29.7	0.06	0.07	4.27	4.34	0.07	1.09	1.16	—	6,938	6,938	0.96	0.78	5.87	7,200
Area	9.92	54.3	0.47	55.7	< 0.005	0.10	—	0.10	0.07	—	0.07	—	229	229	0.01	< 0.005	—	230
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	17.0	60.5	11.0	85.7	0.07	0.19	4.27	4.46	0.16	1.09	1.25	1,057	17,736	18,792	108	1.17	5.87	21,842
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.26	1.11	1.85	5.41	0.01	0.01	0.78	0.79	0.01	0.20	0.21	—	1,149	1,149	0.16	0.13	0.97	1,192
Area	1.81	9.90	0.09	10.2	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.9	37.9	< 0.005	< 0.005	—	38.1
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,664	1,664	0.16	0.02	—	1,674
Water	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152
Waste	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	3.10	11.0	2.00	15.6	0.01	0.03	0.78	0.81	0.03	0.20	0.23	175	2,936	3,111	17.9	0.19	0.97	3,616

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.1	8.93	13.4	40.9	0.09	0.09	5.88	5.98	0.09	1.51	1.60	—	9,812	9,812	1.27	1.05	18.7	10,176
Area	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,103	10,103	0.96	0.12	—	10,161
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	11.1	55.0	16.1	43.5	0.10	0.24	5.88	6.12	0.23	1.51	1.74	1,057	20,865	21,922	108	1.44	18.7	25,075
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.55	8.41	14.1	40.2	0.09	0.10	5.88	5.98	0.09	1.51	1.60	—	9,483	9,483	1.32	1.07	0.48	9,834
Area	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,053	10,053	0.96	0.12	—	10,111
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

Stationar	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	10.6	54.5	16.8	42.7	0.09	0.24	5.88	6.12	0.24	1.51	1.74	1,057	20,486	21,542	108	1.46	0.49	24,683
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.91	6.08	10.1	29.7	0.06	0.07	4.27	4.34	0.07	1.09	1.16	—	6,938	6,938	0.96	0.78	5.87	7,200
Area	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,087	10,087	0.96	0.12	—	10,146
Water	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Waste	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	7.06	51.3	10.5	30.0	0.06	0.09	4.27	4.36	0.09	1.09	1.18	1,057	17,541	18,597	108	1.17	5.87	21,647
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.26	1.11	1.85	5.41	0.01	0.01	0.78	0.79	0.01	0.20	0.21	—	1,149	1,149	0.16	0.13	0.97	1,192
Area	—	8.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,670	1,670	0.16	0.02	—	1,680
Water	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152
Waste	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	1.29	9.37	1.92	5.48	0.01	0.02	0.78	0.80	0.02	0.20	0.22	175	2,904	3,079	17.9	0.19	0.97	3,584

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	8.68	8.40	2.12	31.9	0.05	0.03	4.56	4.58	0.03	1.15	1.18	—	4,845	4,845	0.45	0.27	10.4	4,947
General Office Building	0.08	0.08	0.02	0.31	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	47.4	47.4	< 0.005	< 0.005	0.10	48.4
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.29	0.45	11.2	8.77	0.04	0.07	1.28	1.35	0.06	0.35	0.41	—	4,920	4,920	0.81	0.78	8.10	5,181
Total	10.1	8.93	13.4	40.9	0.09	0.09	5.88	5.98	0.09	1.51	1.60	—	9,812	9,812	1.27	1.05	18.7	10,176
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	8.23	7.93	2.29	30.9	0.04	0.03	4.56	4.58	0.03	1.15	1.18	—	4,502	4,502	0.51	0.28	0.27	4,599
General Office Building	0.08	0.08	0.02	0.30	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	44.1	44.1	< 0.005	< 0.005	< 0.005	45.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

User Defined Industrial	1.24	0.40	11.8	8.95	0.04	0.07	1.28	1.35	0.06	0.35	0.41	—	4,937	4,937	0.81	0.78	0.21	5,191
Total	9.55	8.41	14.1	40.2	0.09	0.10	5.88	5.98	0.09	1.51	1.60	—	9,483	9,483	1.32	1.07	0.48	9,834
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.08	1.04	0.31	4.20	0.01	< 0.005	0.60	0.61	< 0.005	0.15	0.16	—	551	551	0.06	0.03	0.55	563
General Office Building	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	5.40	5.40	< 0.005	< 0.005	0.01	5.52
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.17	0.06	1.54	1.17	0.01	0.01	0.17	0.18	0.01	0.05	0.05	—	592	592	0.10	0.09	0.42	623
Total	1.26	1.11	1.85	5.41	0.01	0.01	0.78	0.79	0.01	0.20	0.21	—	1,149	1,149	0.16	0.13	0.97	1,192

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	8.68	8.40	2.12	31.9	0.05	0.03	4.56	4.58	0.03	1.15	1.18	—	4,845	4,845	0.45	0.27	10.4	4,947
General Office Building	0.08	0.08	0.02	0.31	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	47.4	47.4	< 0.005	< 0.005	0.10	48.4

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.29	0.45	11.2	8.77	0.04	0.07	1.28	1.35	0.06	0.35	0.41	—	4,920	4,920	0.81	0.78	8.10	5,181
Total	10.1	8.93	13.4	40.9	0.09	0.09	5.88	5.98	0.09	1.51	1.60	—	9,812	9,812	1.27	1.05	18.7	10,176
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	8.23	7.93	2.29	30.9	0.04	0.03	4.56	4.58	0.03	1.15	1.18	—	4,502	4,502	0.51	0.28	0.27	4,599
General Office Building	0.08	0.08	0.02	0.30	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	44.1	44.1	< 0.005	< 0.005	< 0.005	45.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.24	0.40	11.8	8.95	0.04	0.07	1.28	1.35	0.06	0.35	0.41	—	4,937	4,937	0.81	0.78	0.21	5,191
Total	9.55	8.41	14.1	40.2	0.09	0.10	5.88	5.98	0.09	1.51	1.60	—	9,483	9,483	1.32	1.07	0.48	9,834
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.08	1.04	0.31	4.20	0.01	< 0.005	0.60	0.61	< 0.005	0.15	0.16	—	551	551	0.06	0.03	0.55	563
General Office Building	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	5.40	5.40	< 0.005	< 0.005	0.01	5.52
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

User Defined Industrial	0.17	0.06	1.54	1.17	0.01	0.01	0.17	0.18	0.01	0.05	0.05	—	592	592	0.10	0.09	0.42	623
Total	1.26	1.11	1.85	5.41	0.01	0.01	0.78	0.79	0.01	0.20	0.21	—	1,149	1,149	0.16	0.13	0.97	1,192

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,182	8,182	0.78	0.09	—	8,229
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,053	10,053	0.96	0.12	—	10,111
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,182	8,182	0.78	0.09	—	8,229
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,053	10,053	0.96	0.12	—	10,111
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,355	1,355	0.13	0.02	—	1,362
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	5.76	5.76	< 0.005	< 0.005	—	5.79
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	304	304	0.03	< 0.005	—	306
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,664	1,664	0.16	0.02	—	1,674

4.2.2. Electricity Emissions By Land Use - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,231	8,231	0.78	0.10	—	8,279
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,103	10,103	0.96	0.12	—	10,161
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	8,182	8,182	0.78	0.09	—	8,229
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	34.8	34.8	< 0.005	< 0.005	—	35.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,836	1,836	0.18	0.02	—	1,847
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,053	10,053	0.96	0.12	—	10,111
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	—	1,360	1,360	0.13	0.02	—	1,368
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	5.76	5.76	< 0.005	< 0.005	—	5.79
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	304	304	0.03	< 0.005	—	306
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,670	1,670	0.16	0.02	—	1,680

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	14.5	13.4	0.68	81.3	< 0.005	0.14	—	0.14	0.11	—	0.11	—	334	334	0.01	< 0.005	—	336

Total	14.5	58.5	0.68	81.3	< 0.005	0.14	—	0.14	0.11	—	0.11	—	334	334	0.01	< 0.005	—	336
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.81	1.67	0.09	10.2	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.9	37.9	< 0.005	< 0.005	—	38.1
Total	1.81	9.90	0.09	10.2	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.9	37.9	< 0.005	< 0.005	—	38.1

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	—	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	40.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	4.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	45.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	8.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.0	73.5	91.5	1.85	0.04	—	151

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.12	0.40	0.52	0.01	< 0.005	—	0.91
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	109	444	553	11.2	0.27	—	913
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.72	2.41	3.13	0.07	< 0.005	—	5.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	109	446	556	11.3	0.27	—	918
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.0	73.5	91.5	1.85	0.04	—	151
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.12	0.40	0.52	0.01	< 0.005	—	0.91
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	18.1	73.9	92.0	1.86	0.04	—	152

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	548
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	946	0.00	946	94.6	0.00	—	3,310
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.05	0.00	1.05	0.11	0.00	—	3.68
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	947	0.00	947	94.7	0.00	—	3,314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	548
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	157	0.00	157	15.7	0.00	—	549

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

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

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

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	3,268	261	105	871,207	6,537	523	209	1,742,415
General Office Building	32.0	1.98	1.79	8,539	64.0	3.95	3.59	17,079

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	710	57.9	1.87	188,148	1,419	116	3.74	376,296

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	3,268	261	105	871,207	6,537	523	209	1,742,415
General Office Building	32.0	1.98	1.79	8,539	64.0	3.95	3.59	17,079
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	710	57.9	1.87	188,148	1,419	116	3.74	376,296

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	2,804,640	934,880	132,604

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	8,626,167	346	0.0330	0.0040	0.00
General Office Building	36,649	346	0.0330	0.0040	0.00
Parking Lot	1,936,018	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	8,626,167	346	0.0330	0.0040	0.00
General Office Building	36,649	346	0.0330	0.0040	0.00
Parking Lot	1,936,018	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	56,706,600	15,478,249
General Office Building	373,241	0.00
Parking Lot	0.00	0.00
User Defined Industrial	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	56,706,600	15,478,249
General Office Building	373,241	0.00
Parking Lot	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,756	—
General Office Building	1.95	—
Parking Lot	0.00	—
User Defined Industrial	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	1,756	—
General Office Building	1.95	—
Parking Lot	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

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

5.18.1.2. Mitigated

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)

5.18.2.2. Mitigated

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	27.6	annual days of extreme heat
Extreme Precipitation	6.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	14.7	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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	60.9
AQ-DPM	67.4
Drinking Water	96.3
Lead Risk Housing	8.87
Pesticides	0.00
Toxic Releases	58.6
Traffic	72.8
Effect Indicators	—
CleanUp Sites	94.1
Groundwater	68.6

Haz Waste Facilities/Generators	63.6
Impaired Water Bodies	0.00
Solid Waste	75.7
Sensitive Population	—
Asthma	56.5
Cardio-vascular	74.7
Low Birth Weights	44.5
Socioeconomic Factor Indicators	—
Education	61.1
Housing	0.94
Linguistic	36.0
Poverty	19.4
Unemployment	83.2

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	84.02412421
Employed	1.591171564
Median HI	79.9563711
Education	—
Bachelor's or higher	28.85923264
High school enrollment	17.31040678
Preschool enrollment	36.78942641
Transportation	—
Auto Access	72.44963429

Active commuting	7.917361735
Social	—
2-parent households	44.74528423
Voting	49.54446298
Neighborhood	—
Alcohol availability	75.52932119
Park access	7.04478378
Retail density	9.457205184
Supermarket access	35.77569614
Tree canopy	15.46259464
Housing	—
Homeownership	91.76183755
Housing habitability	92.04414218
Low-inc homeowner severe housing cost burden	90.09367381
Low-inc renter severe housing cost burden	81.05992557
Uncrowded housing	69.47260362
Health Outcomes	—
Insured adults	52.11086873
Arthritis	41.4
Asthma ER Admissions	28.5
High Blood Pressure	35.9
Cancer (excluding skin)	49.7
Asthma	32.2
Coronary Heart Disease	57.7
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	36.9
Life Expectancy at Birth	29.0

Cognitively Disabled	60.3
Physically Disabled	57.4
Heart Attack ER Admissions	27.5
Mental Health Not Good	47.3
Chronic Kidney Disease	45.1
Obesity	33.5
Pedestrian Injuries	91.8
Physical Health Not Good	49.9
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	26.9
Current Smoker	51.2
No Leisure Time for Physical Activity	54.9
Climate Change Exposures	—
Wildfire Risk	45.4
SLR Inundation Area	0.0
Children	40.5
Elderly	74.7
English Speaking	78.9
Foreign-born	23.9
Outdoor Workers	16.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	79.3
Traffic Density	68.0
Traffic Access	23.0
Other Indices	—
Hardship	39.4

Other Decision Support	—
2016 Voting	59.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	70.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
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
Operations: Vehicle Data	Trip rates adjusted based on Project traffic study.
Operations: Fleet Mix	Fleet mix adjusted to separate passenger vehicles and trucks.
Operations: Energy Use	Project will not utilize natural gas.
Operations: Water and Waste Water	Water use based on Project WSA.

Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater.

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APPENDIX 2.2:

EMFAC EMISSIONS SUMMARY

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Demolition	0.15	30	4.5	0.15	0.01875
Exhaust PM-10	Site Preparation	0.10	30	3	0.1	0.0125
	Grading	0.71	150	105.75	0.705	0.088125
	Building Construction	0.64	273	173.355	0.635	0.079375
	Paving	0.08	100	8	0.08	0.01
	Architectural Coating	0.14	70	9.8	0.14	0.0175
		1.81	453	304.405	0.671975717	0.083996965
Off-Site	Demolition	3.00E-02	30	0.9	0.03	0.00375
Exhaust PM-10	Site Preparation	1.00E-02	30	0.3	0.01	0.00125
	Grading	8.00E-02	150	12	0.08	0.01
	Building Construction	6.00E-02	273	16.38	0.06	0.0075
	Paving	1.00E-02	100	1	0.01	0.00125
	Architectural Coating	0.00E+00	70	0	0	0
		1.90E-01	453	30.58	0.067505519	0.00843819

Phase	Start Date	End Date	No. Days
Demolition	10/1/2027	11/11/2027	30
Site Preparation	10/1/2027	11/11/2027	30
Grading	11/12/2027	6/8/2028	150
Building Construction	6/9/2028	6/26/2029	273
Paving	2/7/2029	6/26/2029	100
Architectural Coating	3/21/2029	6/26/2029	70
		Total Days of Construction	**453**

AVERAGE EMISSION FACTOR
SAN BERNARDINO COUNTY 2029

Speed	LHD1	LHD2	MHD	HHD
0	0.321771	0.529796	0.021491	0.01069
5	0.028776	0.045198	0.013399	0.01043
25	0.013881	0.022353	0.003897	0.00497

Speed	**Weighted Average Emissions**
0	**0.04995**
5	**0.01309**
25	**0.00600**

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 - N Loading Docks	178			0.0499	2.22	2.575E-05
On-Site Idling - S Loading Docks	145			0.0499	1.81	2.090E-05
On-Site Idling - W Loading Docks	32			0.0499	0.40	4.664E-06
On-Site Idling - Trailer Parking 1	65			0.0499	0.27	3.124E-06
On-Site Idling - Trailer Parking 2	35			0.0499	0.14	1.674E-06
On-Site Idling - Trailer Parking 3	19			0.0499	0.08	9.051E-07
On-Site Idling - Trailer Parking 4	20			0.0499	0.08	9.589E-07
On-Site Idling - Trailer Parking 5	39			0.0499	0.16	1.897E-06
On-Site Idling - Trailer Parking 6	36			0.0499	0.15	1.755E-06
On-Site Idling - Trailer Parking 7	35			0.0499	0.14	1.668E-06
On-Site Idling - Trailer Parking 8	13			0.0499	0.05	6.354E-07
On-Site Idling - Trailer Parking 9	3			0.0499	0.01	1.431E-07
On-Site Idling - Trailer Parking 10	14			0.0499	0.06	6.779E-07
On-Site Idling - Trailer Parking 11	76			0.0499	0.32	3.665E-06
On-Site Travel - 1 100%	710	57.84	0.0131		0.76	8.763E-06
On-Site Travel - 2 50%	355	490.56	0.0131		6.42	7.432E-05
On-Site Travel - 3 50%	355	260.95	0.0131		3.42	3.954E-05
On-Site Travel - 4 100%	710	756.88	0.0131		9.91	1.147E-04
Off-Site Travel - Pepper 100%	710	123.97	0.0060		0.74	8.612E-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 at loading docks and 5 minutes at trailer parking areas.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2029	Annual	San Berna	HHDT	Dsl	60	70	RUNEX	5	PM10	0.012274
2029	Annual	San Berna	HHDT	Dsl	60	70	RUNEX	25	PM10	0.005845
2029	Annual	San Berna	HHDT	Dsl			IDLEX		PM10	0.01258
2029	Annual	San Berna	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.070545
2029	Annual	San Berna	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.03403
2029	Annual	San Berna	LHDT1	Dsl			IDLEX		PM10	0.788824
2029	Annual	San Berna	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.068428
2029	Annual	San Berna	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.033842
2029	Annual	San Berna	LHDT2	Dsl			IDLEX		PM10	0.802102
2029	Annual	San Berna	MHDT	Dsl	60	70	RUNEX	5	PM10	0.014457
2029	Annual	San Berna	MHDT	Dsl	60	70	RUNEX	25	PM10	0.004205
2029	Annual	San Berna	MHDT	Dsl			IDLEX		PM10	0.023188

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2029
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
San Berna	2029	HHDT	Aggregate	Aggregate	Gasoline	1.61251
San Berna	2029	HHDT	Aggregate	Aggregate	Diesel	15883.2
San Berna	2029	HHDT	Aggregate	Aggregate	Natural Ga	2808.33
San Berna	2029	LHDT1	Aggregate	Aggregate	Gasoline	16254.4
San Berna	2029	LHDT1	Aggregate	Aggregate	Diesel	11198.3
San Berna	2029	LHDT2	Aggregate	Aggregate	Gasoline	2571.89
San Berna	2029	LHDT2	Aggregate	Aggregate	Diesel	5003.84
San Berna	2029	MHDT	Aggregate	Aggregate	Gasoline	1293.81
San Berna	2029	MHDT	Aggregate	Aggregate	Diesel	16384.6
San Berna	2029	MHDT	Aggregate	Aggregate	Natural Ga	249.909

HHDT% GAS/NG	0.15032
HHDT% DSL	0.84968
LHDT1% GAS	0.59209
LHDT1% DSL	0.40791
LHDT2% GAS	0.33949
LHDT2% DSL	0.66051
MHDT% GAS	0.07319
MHDT% DSL	0.92681

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APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/19/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Construction\14324
Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14324 Construction.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 = SLINE19
** DESCRSRC Offsite Pepper 100%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0010631941
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 467427.289, 3777316.760, 395.41, 3.49, 6.51
** 467434.154, 3777035.822, 393.12, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   467427.460 3777309.762 395.41
   LOCATION L0000002     VOLUME   467427.802 3777295.766 395.40
   LOCATION L0000003     VOLUME   467428.144 3777281.770 395.39
   LOCATION L0000004     VOLUME   467428.486 3777267.775 395.38
   LOCATION L0000005     VOLUME   467428.828 3777253.779 395.34
   LOCATION L0000006     VOLUME   467429.170 3777239.783 395.16
   LOCATION L0000007     VOLUME   467429.512 3777225.787 395.00
   LOCATION L0000008     VOLUME   467429.854 3777211.791 395.00
   LOCATION L0000009     VOLUME   467430.196 3777197.796 395.00
   LOCATION L0000010     VOLUME   467430.538 3777183.800 394.71
   LOCATION L0000011     VOLUME   467430.880 3777169.804 394.38
   LOCATION L0000012     VOLUME   467431.222 3777155.808 394.19
   LOCATION L0000013     VOLUME   467431.564 3777141.812 394.05
   LOCATION L0000014     VOLUME   467431.906 3777127.816 394.00
   LOCATION L0000015     VOLUME   467432.248 3777113.821 394.00
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   LOCATION L0000016     VOLUME   467432.590 3777099.825 394.00
   LOCATION L0000017     VOLUME   467432.932 3777085.829 394.00
   LOCATION L0000018     VOLUME   467433.274 3777071.833 393.89
   LOCATION L0000019     VOLUME   467433.616 3777057.837 393.51
   LOCATION L0000020     VOLUME   467433.958 3777043.842 393.18
** End of LINE VOLUME Source ID = SLINE19
   LOCATION VOL1         VOLUME     467420.389  3777343.802      395.970
   LOCATION VOL2         VOLUME     466393.599  3778020.851      412.940
   LOCATION VOL3         VOLUME     466370.551  3777971.990      412.550
   LOCATION VOL4         VOLUME     466348.425  3777920.362      412.050
   LOCATION VOL5         VOLUME     466322.611  3777869.656      412.000
   LOCATION VOL6         VOLUME     466302.329  3777818.950      411.920
   LOCATION VOL7         VOLUME     466277.437  3777767.323      413.250
   LOCATION VOL8         VOLUME     466271.905  3777715.695      416.140
   LOCATION VOL9         VOLUME     466294.032  3777664.068      415.570
   LOCATION VOL10        VOLUME     466318.924  3777613.362      414.220
   LOCATION VOL11        VOLUME     466340.128  3777561.734      413.310
   LOCATION VOL12        VOLUME     466357.644  3777511.950      414.020
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   LOCATION VOL14        VOLUME     466391.001  3777561.231      408.960
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   LOCATION VOL17        VOLUME     466421.425  3777971.487      411.950
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   LOCATION VOL19        VOLUME     466373.485  3777869.153      411.000
   LOCATION VOL20        VOLUME     466353.202  3777818.448      411.000
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   LOCATION VOL22        VOLUME     466322.779  3777715.192      412.030
   LOCATION VOL23        VOLUME     466344.905  3777663.565      412.500
   LOCATION VOL24        VOLUME     466420.503  3777609.171      408.000
   LOCATION VOL25        VOLUME     466441.707  3777557.544      407.300
   LOCATION VOL26        VOLUME     466459.223  3777507.760      407.420
   LOCATION VOL28        VOLUME     466472.130  3777967.799      411.000
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   LOCATION VOL44        VOLUME     466423.268  3777711.505      408.160
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   LOCATION VOL47        VOLUME     466541.274  3777558.465      405.950
   LOCATION VOL48        VOLUME     466558.791  3777508.682      405.370
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   LOCATION VOL58        VOLUME     466592.902  3777556.622      404.230
   LOCATION VOL59        VOLUME     466610.419  3777506.838      404.650
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   LOCATION VOL62        VOLUME     466601.199  3777915.249      409.920
   LOCATION VOL63        VOLUME     466575.386  3777864.544      409.000
   LOCATION VOL64        VOLUME     466555.103  3777813.838      408.290
   LOCATION VOL65        VOLUME     466530.211  3777762.210      408.000
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LOCATION VOL68	VOLUME	466644.362	3777527.623	403.520
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LOCATION VOL71	VOLUME	466574.296	3777679.740	406.000
LOCATION VOL72	VOLUME	466574.296	3777732.290	406.740
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LOCATION VOL85	VOLUME	466763.290	3777430.821	402.000
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LOCATION VOL88	VOLUME	466698.756	3777584.782	401.720
LOCATION VOL89	VOLUME	466678.473	3777635.488	401.380
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LOCATION VOL131	VOLUME	466934.071	3777620.140	402.130

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   LOCATION VOL138       VOLUME     466983.569  3777595.596      402.790
   LOCATION VOL139       VOLUME     466979.887  3777645.503      402.990
   LOCATION VOL140       VOLUME     467118.972  3777343.607      399.000
   LOCATION VOL141       VOLUME     467104.245  3777393.105      399.640
   LOCATION VOL142       VOLUME     467077.246  3777444.239      401.270
   LOCATION VOL143       VOLUME     467049.020  3777494.555      402.000
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   LOCATION VOL145       VOLUME     467034.294  3777594.778      402.150
   LOCATION VOL146       VOLUME     467033.885  3777635.276      402.830
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   LOCATION VOL148       VOLUME     467154.970  3777393.105      399.500
   LOCATION VOL149       VOLUME     467127.971  3777443.421      402.000
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SRCPARAM VOL105       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL106       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL107       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL108       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL109       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL110       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL111       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL112       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL113       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL114       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL115       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL116       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL117       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL118       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL119       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL120       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL121       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL122       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL123       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL124       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL125       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL126       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL127       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL128       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL129       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL130       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL131       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL132       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL133       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL134       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL135       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL136       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL137       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL138       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL139       0.0000637557     5.000    11.793     1.400
SRCPARAM VOL140       0.0000637557     5.000    11.793     1.400
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   SRCPARAM VOL141       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL142       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL143       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL144       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL145       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL146       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL147       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL148       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL149       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL150       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL151       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL152       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL153       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL154       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL155       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL156       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL157       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL158       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL159       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL160       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL161       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL162       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL163       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL164       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL165       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL166       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL167       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL168       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL169       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL170       0.0000637557     5.000    11.793     1.400
   SRCPARAM VOL171       0.0000637557     5.000    11.793     1.400
**
** No Building Downwash **
**
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000008     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000009     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000011     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000013     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000014     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000015     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000017     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   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
** 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
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** 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:
   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 VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL56        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL57        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
```

```
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14324 Construction.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE FONT_v9.SFC
   PROFFILE FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14324 CONSTRUCTION.AD\PE00GALL.PLT" 31
   SUMMFILE "14324 Construction.sum"
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    3190       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    3190       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                      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   186 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes:    186 Source(s);       1 Source Group(s); and     136 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    186 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 PERIOD Averages by Receptor
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
        Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  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
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0000001	0	0.53160E-04	467427.5	3777309.8	395.4	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000002	0	0.53160E-04	467427.8	3777295.8	395.4	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000003	0	0.53160E-04	467428.1	3777281.8	395.4	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000004	0	0.53160E-04	467428.5	3777267.8	395.4	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000005	0	0.53160E-04	467428.8	3777253.8	395.3	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000006	0	0.53160E-04	467429.2	3777239.8	395.2	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000007	0	0.53160E-04	467429.5	3777225.8	395.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000008	0	0.53160E-04	467429.9	3777211.8	395.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000009	0	0.53160E-04	467430.2	3777197.8	395.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000010	0	0.53160E-04	467430.5	3777183.8	394.7	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000011	0	0.53160E-04	467430.9	3777169.8	394.4	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000012	0	0.53160E-04	467431.2	3777155.8	394.2	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000013	0	0.53160E-04	467431.6	3777141.8	394.1	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000014	0	0.53160E-04	467431.9	3777127.8	394.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000015	0	0.53160E-04	467432.2	3777113.8	394.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000016	0	0.53160E-04	467432.6	3777099.8	394.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000017	0	0.53160E-04	467432.9	3777085.8	394.0	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000018	0	0.53160E-04	467433.3	3777071.8	393.9	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000019	0	0.53160E-04	467433.6	3777057.8	393.5	3.49	6.51	3.25	
YES	HRDOW	NO							
L0000020	0	0.53160E-04	467434.0	3777043.8	393.2	3.49	6.51	3.25	
YES	HRDOW	NO							
VOL1	0	0.63756E-04	467420.4	3777343.8	396.0	5.00	11.79	1.40	

```
 YES   HRDOW            NO
 VOL2            0   0.63756E-04  466393.6 3778020.9   412.9     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL3            0   0.63756E-04  466370.6 3777972.0   412.6     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL4            0   0.63756E-04  466348.4 3777920.4   412.1     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL5            0   0.63756E-04  466322.6 3777869.7   412.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL6            0   0.63756E-04  466302.3 3777818.9   411.9     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL7            0   0.63756E-04  466277.4 3777767.3   413.2     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL8            0   0.63756E-04  466271.9 3777715.7   416.1     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL9            0   0.63756E-04  466294.0 3777664.1   415.6     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL10           0   0.63756E-04  466318.9 3777613.4   414.2     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL11           0   0.63756E-04  466340.1 3777561.7   413.3     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL12           0   0.63756E-04  466357.6 3777511.9   414.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL13           0   0.63756E-04  466369.8 3777612.9   410.7     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL14           0   0.63756E-04  466391.0 3777561.2   409.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL15           0   0.63756E-04  466408.5 3777511.4   409.1     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL16           0   0.63756E-04  466444.5 3778020.3   412.1     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL17           0   0.63756E-04  466421.4 3777971.5   411.9     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL18           0   0.63756E-04  466399.3 3777919.9   411.1     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL19           0   0.63756E-04  466373.5 3777869.2   411.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL20           0   0.63756E-04  466353.2 3777818.4   411.0     5.00    11.79     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 VOL21           0   0.63756E-04  466328.3 3777766.8   411.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL22           0   0.63756E-04  466322.8 3777715.2   412.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL23           0   0.63756E-04  466344.9 3777663.6   412.5     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL24           0   0.63756E-04  466420.5 3777609.2   408.0     5.00    11.79     1.40
```

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YES   HRDOW            NO
VOL25            0   0.63756E-04  466441.7 3777557.5   407.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL26            0   0.63756E-04  466459.2 3777507.8   407.4     5.00    11.79     1.40
YES   HRDOW            NO
VOL28            0   0.63756E-04  466472.1 3777967.8   411.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL29            0   0.63756E-04  466450.0 3777916.2   411.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL30            0   0.63756E-04  466424.2 3777865.5   410.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL31            0   0.63756E-04  466403.9 3777814.8   410.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL32            0   0.63756E-04  466379.0 3777763.1   410.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL33            0   0.63756E-04  466373.5 3777711.5   411.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL34            0   0.63756E-04  466395.6 3777659.9   409.6     5.00    11.79     1.40
YES   HRDOW            NO
VOL35            0   0.63756E-04  466470.3 3777609.2   407.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL36            0   0.63756E-04  466491.5 3777557.5   406.6     5.00    11.79     1.40
YES   HRDOW            NO
VOL37            0   0.63756E-04  466509.0 3777507.8   406.6     5.00    11.79     1.40
YES   HRDOW            NO
VOL39            0   0.63756E-04  466521.9 3777967.8   410.9     5.00    11.79     1.40
YES   HRDOW            NO
VOL40            0   0.63756E-04  466499.8 3777916.2   410.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL41            0   0.63756E-04  466474.0 3777865.5   410.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL42            0   0.63756E-04  466453.7 3777814.8   409.5     5.00    11.79     1.40
YES   HRDOW            NO
VOL43            0   0.63756E-04  466428.8 3777763.1   409.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL44            0   0.63756E-04  466423.3 3777711.5   408.2     5.00    11.79     1.40
YES   HRDOW            NO
VOL45            0   0.63756E-04  466445.4 3777659.9   408.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL46            0   0.63756E-04  466520.1 3777610.1   406.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL47            0   0.63756E-04  466541.3 3777558.5   405.9     5.00    11.79     1.40
YES   HRDOW            NO
VOL48            0   0.63756E-04  466558.8 3777508.7   405.4     5.00    11.79     1.40
YES   HRDOW            NO
VOL51            0   0.63756E-04  466549.6 3777917.1   410.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL52            0   0.63756E-04  466523.8 3777866.4   409.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL53            0   0.63756E-04  466503.5 3777815.7   408.7     5.00    11.79     1.40
YES   HRDOW            NO
VOL54            0   0.63756E-04  466478.6 3777764.1   408.9     5.00    11.79     1.40
YES   HRDOW            NO
VOL55            0   0.63756E-04  466473.1 3777712.4   408.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL56            0   0.63756E-04  466495.2 3777660.8   407.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL57            0   0.63756E-04  466571.7 3777608.2   404.9     5.00    11.79     1.40
YES   HRDOW            NO
VOL58            0   0.63756E-04  466592.9 3777556.6   404.2     5.00    11.79     1.40
YES   HRDOW            NO
VOL59            0   0.63756E-04  466610.4 3777506.8   404.7     5.00    11.79     1.40
YES   HRDOW            NO
VOL60            0   0.63756E-04  466661.1 3777476.4   404.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL62            0   0.63756E-04  466601.2 3777915.2   409.9     5.00    11.79     1.40
```

YES HRDOW NO
VOL63 0 0.63756E-04 466575.4 3777864.5 409.0 5.00 11.79 1.40
YES HRDOW NO
VOL64 0 0.63756E-04 466555.1 3777813.8 408.3 5.00 11.79 1.40
YES HRDOW NO
VOL65 0 0.63756E-04 466530.2 3777762.2 408.0 5.00 11.79 1.40
YES HRDOW NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL66	0	0.63756E-04	466524.7	3777710.6	407.6	5.00	11.79	1.40	YES HRDOW
VOL67	0	0.63756E-04	466546.8	3777659.0	406.0	5.00	11.79	1.40	YES HRDOW
VOL68	0	0.63756E-04	466644.4	3777527.6	403.5	5.00	11.79	1.40	YES HRDOW
VOL69	0	0.63756E-04	466624.1	3777577.4	403.4	5.00	11.79	1.40	YES HRDOW
VOL70	0	0.63756E-04	466597.3	3777628.1	404.5	5.00	11.79	1.40	YES HRDOW
VOL71	0	0.63756E-04	466574.3	3777679.7	406.0	5.00	11.79	1.40	YES HRDOW
VOL72	0	0.63756E-04	466574.3	3777732.3	406.7	5.00	11.79	1.40	YES HRDOW
VOL73	0	0.63756E-04	466580.7	3777781.2	407.8	5.00	11.79	1.40	YES HRDOW
VOL74	0	0.63756E-04	466606.6	3777830.9	408.2	5.00	11.79	1.40	YES HRDOW
VOL75	0	0.63756E-04	466626.8	3777866.0	409.0	5.00	11.79	1.40	YES HRDOW
VOL76	0	0.63756E-04	466711.7	3777449.3	403.0	5.00	11.79	1.40	YES HRDOW
VOL77	0	0.63756E-04	466696.9	3777499.0	403.0	5.00	11.79	1.40	YES HRDOW
VOL78	0	0.63756E-04	466673.9	3777548.8	402.7	5.00	11.79	1.40	YES HRDOW
VOL79	0	0.63756E-04	466648.0	3777598.6	402.4	5.00	11.79	1.40	YES HRDOW
VOL80	0	0.63756E-04	466625.9	3777650.2	404.3	5.00	11.79	1.40	YES HRDOW
VOL81	0	0.63756E-04	466625.9	3777702.8	405.9	5.00	11.79	1.40	YES HRDOW
VOL82	0	0.63756E-04	466625.0	3777751.6	406.5	5.00	11.79	1.40	YES HRDOW
VOL83	0	0.63756E-04	466631.5	3777801.4	408.0	5.00	11.79	1.40	YES HRDOW
VOL84	0	0.63756E-04	466656.3	3777851.2	408.1	5.00	11.79	1.40	YES HRDOW
VOL85	0	0.63756E-04	466763.3	3777430.8	402.0	5.00	11.79	1.40	

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 YES   HRDOW            NO
 VOL86            0   0.63756E-04  466748.5 3777483.4   402.6     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL87            0   0.63756E-04  466723.6 3777535.0   402.7     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL88            0   0.63756E-04  466698.8 3777584.8   401.7     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL89            0   0.63756E-04  466678.5 3777635.5   401.4     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL90            0   0.63756E-04  466676.6 3777688.0   402.5     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL91            0   0.63756E-04  466676.6 3777740.6   405.5     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL92            0   0.63756E-04  466677.6 3777791.3   406.8     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL93            0   0.63756E-04  466678.5 3777839.2   408.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL94            0   0.63756E-04  466813.1 3777418.8   402.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL95            0   0.63756E-04  466798.3 3777469.5   402.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL96            0   0.63756E-04  466772.5 3777521.2   402.9     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL97            0   0.63756E-04  466748.5 3777571.9   401.5     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL98            0   0.63756E-04  466731.0 3777623.5   401.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL99            0   0.63756E-04  466729.2 3777673.3   401.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL100           0   0.63756E-04  466727.3 3777723.1   403.6     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL101           0   0.63756E-04  466726.4 3777773.8   406.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL102           0   0.63756E-04  466726.4 3777822.6   406.9     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL103           0   0.63756E-04  466865.6 3777405.0   402.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL104           0   0.63756E-04  466850.9 3777455.7   402.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL105           0   0.63756E-04  466824.1 3777507.3   402.0     5.00    11.79     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 VOL106           0   0.63756E-04  466799.2 3777556.2   402.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL107           0   0.63756E-04  466780.8 3777606.9   401.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL108           0   0.63756E-04  466780.8 3777656.7   401.0     5.00    11.79     1.40
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YES   HRDOW            NO
VOL109          0   0.63756E-04  466778.0 3777707.4   402.1     5.00    11.79     1.40
YES   HRDOW            NO
VOL110          0   0.63756E-04  466778.0 3777757.2   405.4     5.00    11.79     1.40
YES   HRDOW            NO
VOL111          0   0.63756E-04  466916.3 3777393.9   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL112          0   0.63756E-04  466901.6 3777444.6   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL113          0   0.63756E-04  466876.7 3777494.4   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL114          0   0.63756E-04  466850.0 3777545.1   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL115          0   0.63756E-04  466833.4 3777595.8   401.5     5.00    11.79     1.40
YES   HRDOW            NO
VOL116          0   0.63756E-04  466832.4 3777645.6   401.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL117          0   0.63756E-04  466968.0 3777388.4   401.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL118          0   0.63756E-04  466952.1 3777438.1   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL119          0   0.63756E-04  466927.5 3777488.4   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL120          0   0.63756E-04  466899.7 3777538.3   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL121          0   0.63756E-04  466884.2 3777587.4   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL122          0   0.63756E-04  466883.3 3777638.1   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL123          0   0.63756E-04  466828.9 3777696.2   401.9     5.00    11.79     1.40
YES   HRDOW            NO
VOL124          0   0.63756E-04  466828.9 3777745.7   405.1     5.00    11.79     1.40
YES   HRDOW            NO
VOL125          0   0.63756E-04  466879.3 3777688.9   403.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL126          0   0.63756E-04  467017.1 3777366.5   400.1     5.00    11.79     1.40
YES   HRDOW            NO
VOL127          0   0.63756E-04  467002.8 3777417.2   401.2     5.00    11.79     1.40
YES   HRDOW            NO
VOL128          0   0.63756E-04  466977.0 3777468.4   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL129          0   0.63756E-04  466949.6 3777519.1   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL130          0   0.63756E-04  466934.1 3777569.4   402.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL131          0   0.63756E-04  466934.1 3777620.1   402.1     5.00    11.79     1.40
YES   HRDOW            NO
VOL132          0   0.63756E-04  466930.4 3777670.5   403.8     5.00    11.79     1.40
YES   HRDOW            NO
VOL133          0   0.63756E-04  467068.2 3777345.7   399.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL134          0   0.63756E-04  467053.9 3777395.6   400.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL135          0   0.63756E-04  467026.9 3777445.5   401.3     5.00    11.79     1.40
YES   HRDOW            NO
VOL136          0   0.63756E-04  466999.1 3777495.0   402.7     5.00    11.79     1.40
YES   HRDOW            NO
VOL137          0   0.63756E-04  466984.4 3777544.9   402.5     5.00    11.79     1.40
YES   HRDOW            NO
VOL138          0   0.63756E-04  466983.6 3777595.6   402.8     5.00    11.79     1.40
YES   HRDOW            NO
VOL139          0   0.63756E-04  466979.9 3777645.5   403.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL140          0   0.63756E-04  467119.0 3777343.6   399.0     5.00    11.79     1.40
YES   HRDOW            NO
VOL141          0   0.63756E-04  467104.2 3777393.1   399.6     5.00    11.79     1.40
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL142	0	0.63756E-04	467077.2	3777444.2	401.3	5.00	11.79	1.40	YES HRDOW
VOL143	0	0.63756E-04	467049.0	3777494.6	402.0	5.00	11.79	1.40	YES HRDOW
VOL144	0	0.63756E-04	467034.3	3777544.5	402.0	5.00	11.79	1.40	YES HRDOW
VOL145	0	0.63756E-04	467034.3	3777594.8	402.2	5.00	11.79	1.40	YES HRDOW
VOL146	0	0.63756E-04	467033.9	3777635.3	402.8	5.00	11.79	1.40	YES HRDOW
VOL147	0	0.63756E-04	467169.7	3777343.6	398.9	5.00	11.79	1.40	YES HRDOW
VOL148	0	0.63756E-04	467155.0	3777393.1	399.5	5.00	11.79	1.40	YES HRDOW
VOL149	0	0.63756E-04	467128.0	3777443.4	402.0	5.00	11.79	1.40	YES HRDOW
VOL150	0	0.63756E-04	467099.3	3777494.1	402.0	5.00	11.79	1.40	YES HRDOW
VOL151	0	0.63756E-04	467083.8	3777544.9	402.0	5.00	11.79	1.40	YES HRDOW
VOL152	0	0.63756E-04	467084.2	3777594.8	402.3	5.00	11.79	1.40	YES HRDOW
VOL153	0	0.63756E-04	467219.2	3777344.4	399.0	5.00	11.79	1.40	YES HRDOW
VOL154	0	0.63756E-04	467205.7	3777394.3	399.0	5.00	11.79	1.40	YES HRDOW
VOL155	0	0.63756E-04	467178.7	3777443.0	400.4	5.00	11.79	1.40	YES HRDOW
VOL156	0	0.63756E-04	467149.7	3777493.3	402.0	5.00	11.79	1.40	YES HRDOW
VOL157	0	0.63756E-04	467134.1	3777544.5	402.0	5.00	11.79	1.40	YES HRDOW
VOL158	0	0.63756E-04	467269.1	3777344.0	399.0	5.00	11.79	1.40	YES HRDOW
VOL159	0	0.63756E-04	467255.2	3777393.9	399.5	5.00	11.79	1.40	YES HRDOW
VOL160	0	0.63756E-04	467229.4	3777443.0	400.0	5.00	11.79	1.40	YES HRDOW
VOL161	0	0.63756E-04	467200.0	3777493.7	401.0	5.00	11.79	1.40	YES HRDOW
VOL162	0	0.63756E-04	467184.0	3777542.8	401.7	5.00	11.79	1.40	YES HRDOW
VOL163	0	0.63756E-04	467319.8	3777344.0	397.9	5.00	11.79	1.40	YES HRDOW
VOL164	0	0.63756E-04	467305.5	3777393.9	398.5	5.00	11.79	1.40	

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 YES   HRDOW            NO
 VOL165          0   0.63756E-04  467280.6 3777443.4   399.5     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL166          0   0.63756E-04  467250.3 3777493.7   400.3     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL167          0   0.63756E-04  467370.1 3777344.0   396.3     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL168          0   0.63756E-04  467356.2 3777394.3   396.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL169          0   0.63756E-04  467331.3 3777444.6   398.4     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL170          0   0.63756E-04  467407.0 3777394.3   396.0     5.00    11.79     1.40
 YES   HRDOW            NO
 VOL171          0   0.63756E-04  467470.4 3777344.8   395.0     5.00    11.79     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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

  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    ,
  L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
             L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , VOL1        , VOL2        ,
             VOL3        , VOL4        ,

             VOL5        , VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
             VOL11       , VOL12       ,

             VOL13       , VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
             VOL19       , VOL20       ,

             VOL21       , VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
             VOL28       , VOL29       ,

             VOL30       , VOL31       , VOL32       , VOL33       , VOL34       , VOL35       ,
             VOL36       , VOL37       ,

             VOL39       , VOL40       , VOL41       , VOL42       , VOL43       , VOL44       ,
             VOL45       , VOL46       ,

             VOL47       , VOL48       , VOL51       , VOL52       , VOL53       , VOL54       ,
             VOL55       , VOL56       ,

             VOL57       , VOL58       , VOL59       , VOL60       , VOL62       , VOL63       ,
             VOL64       , VOL65       ,

             VOL66       , VOL67       , VOL68       , VOL69       , VOL70       , VOL71       ,
             VOL72       , VOL73       ,

             VOL74       , VOL75       , VOL76       , VOL77       , VOL78       , VOL79       ,
             VOL80       , VOL81       ,
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VOL82 , VOL83 , VOL84 , VOL85 , VOL86 , VOL87 ,
VOL88 , VOL89 ,

VOL90 , VOL91 , VOL92 , VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 ,

VOL98 , VOL99 , VOL100 , VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 ,

VOL106 , VOL107 , VOL108 , VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 ,

VOL114 , VOL115 , VOL116 , VOL117 , VOL118 , VOL119 ,
VOL120 , VOL121 ,

VOL122 , VOL123 , VOL124 , VOL125 , VOL126 , VOL127 ,
VOL128 , VOL129 ,

VOL130 , VOL131 , VOL132 , VOL133 , VOL134 , VOL135 ,
VOL136 , VOL137 ,

VOL138 , VOL139 , VOL140 , VOL141 , VOL142 , VOL143 ,
VOL144 , VOL145 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	VOL146 , VOL147 , VOL148 , VOL149 , VOL150 , VOL151 , VOL152 , VOL153 ,
	VOL154 , VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 , VOL161 ,
	VOL162 , VOL163 , VOL164 , VOL165 , VOL166 , VOL167 , VOL168 , VOL169 ,
	VOL170 , VOL171 ,

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

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

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            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , VOL1        , VOL2        ,
            VOL3        , VOL4        ,

            VOL5        , VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
            VOL11       , VOL12       ,

            VOL13       , VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
            VOL19       , VOL20       ,

            VOL21       , VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
            VOL28       , VOL29       ,

            VOL30       , VOL31       , VOL32       , VOL33       , VOL34       , VOL35       ,
            VOL36       , VOL37       ,

            VOL39       , VOL40       , VOL41       , VOL42       , VOL43       , VOL44       ,
            VOL45       , VOL46       ,

            VOL47       , VOL48       , VOL51       , VOL52       , VOL53       , VOL54       ,
            VOL55       , VOL56       ,

            VOL57       , VOL58       , VOL59       , VOL60       , VOL62       , VOL63       ,
            VOL64       , VOL65       ,

            VOL66       , VOL67       , VOL68       , VOL69       , VOL70       , VOL71       ,
            VOL72       , VOL73       ,

            VOL74       , VOL75       , VOL76       , VOL77       , VOL78       , VOL79       ,
            VOL80       , VOL81       ,

            VOL82       , VOL83       , VOL84       , VOL85       , VOL86       , VOL87       ,
            VOL88       , VOL89       ,

            VOL90       , VOL91       , VOL92       , VOL93       , VOL94       , VOL95       ,
            VOL96       , VOL97       ,

            VOL98       , VOL99       , VOL100      , VOL101      , VOL102      , VOL103      ,
            VOL104      , VOL105      ,

            VOL106      , VOL107      , VOL108      , VOL109      , VOL110      , VOL111      ,
            VOL112      , VOL113      ,

            VOL114      , VOL115      , VOL116      , VOL117      , VOL118      , VOL119      ,
            VOL120      , VOL121      ,

            VOL122      , VOL123      , VOL124      , VOL125      , VOL126      , VOL127      ,
            VOL128      , VOL129      ,

            VOL130      , VOL131      , VOL132      , VOL133      , VOL134      , VOL135      ,
            VOL136      , VOL137      ,

            VOL138      , VOL139      , VOL140      , VOL141      , VOL142      , VOL143      ,
            VOL144      , VOL145      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       11:43:08

                    PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		VOL146 , VOL147 , VOL148 , VOL149 , VOL150 , VOL151 , VOL152 , VOL153 ,
		VOL154 , VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 , VOL161 ,
		VOL162 , VOL163 , VOL164 , VOL165 , VOL166 , VOL167 , VOL168 , VOL169 ,
		VOL170 , VOL171 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

PAGE 11
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

PAGE 12
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                        PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 = L0000005 ; 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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                      PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000006     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                      PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

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

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

 SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

```
 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```



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

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

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
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 *** AERMET - VERSION  16216 ***
 ***                                                                           ***        11:43:08

                     PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                           ***        11:43:08

                     PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
```

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

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

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

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000016 ; 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 = L0000017 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000019 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 = VOL1 ; 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 = 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

* 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

* 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

* 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
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                      PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL6         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                      PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL8         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

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

```
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***        11:43:08

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL11        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***        11:43:08

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL12        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL15        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

(HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL18 ; 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 = VOL19 ; 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 = VOL20   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
 - - - - - - - - - - - - - - - -

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

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

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

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL22        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 = VOL26 ; 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 = VOL28 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL29 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

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

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

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL32        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL35 ; 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 = VOL36 ; 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			

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

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

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL39 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = VOL40        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 = VOL44 ; 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 = VOL45 ; 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 = VOL46 ; 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 = VOL47 ; 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 = VOL48 ; 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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                      PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                      PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL52        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                        PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL53        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08
```

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

SOURCE ID = VOL54 ; 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 = VOL55 ; 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 = VOL56 ; 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 = VOL57 ; 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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                         ***        11:43:08

                        PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL58        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                         ***        11:43:08

                        PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL59        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL60 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL62 ; 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 = VOL63 ; 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 = VOL64 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL65 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

DAY OF WEEK = SUNDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 = VOL66        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 = VOL67        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL68 ; 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 = VOL69 ; 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 = VOL70 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL71 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL72 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

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

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

SOURCE ID = VOL73 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL74 ; SOURCE TYPE = VOLUME :

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

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***       01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***       11:43:08

                      PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL75        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***       01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***       11:43:08

                      PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL76        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL77 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL78 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL79        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL80 ; 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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24

*** AERMET - VERSION 16216 ***

*** *** 11:43:08

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL81 ; 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 = VOL82   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   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 = VOL83   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL84 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL85 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        11:43:08

                     PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL86        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        11:43:08

                     PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

(HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL88 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL89 ; 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 = VOL90 ; 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 = VOL91 ; 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

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL92 ; 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
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL93        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL94        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL95 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL96 ; 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 = VOL97 ; 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 = VOL98 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL99 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL100       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL101       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL102 ; 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 = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL104       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
```

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

SOURCE ID = VOL105 ; 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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

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 = SATURDAY

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

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								

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

SOURCE ID = VOL106 ; 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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

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 = SATURDAY

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

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			

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

SOURCE ID = VOL107 ; 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 = VOL108 ; 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 = VOL109 ; 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 = VOL110 ; 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 = VOL111 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL112 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL113 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL114 ; 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 = VOL115 ; 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 = VOL116 ; 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 = VOL117 ; 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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                       PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL118       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                           DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                       PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL119       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08

                        PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL120       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        11:43:08
```

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

SOURCE ID = VOL121 ; 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 = VOL122 ; 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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

PAGE 148

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL123 ; 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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

PAGE 149

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL124 ; 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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL125       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL126       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL127       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                     PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL129 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMET - VERSION 16216 ***
***   ***   11:43:08

PAGE 155
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL130   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 23132 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 ***   01/19/24
*** AERMET - VERSION 16216 ***
***   ***   11:43:08

PAGE 156
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL131   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

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

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

 SOURCE ID = VOL132   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .0000E+00   8 .0000E+00
  9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
  .1000E+01   15 .1000E+01   16 .1000E+01
 17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
  .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
  .0000E+00   15 .0000E+00   16 .0000E+00
 17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
  .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
  .0000E+00   15 .0000E+00   16 .0000E+00
 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 = VOL133   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .0000E+00   8 .0000E+00
  9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
  .1000E+01   15 .1000E+01   16 .1000E+01
 17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
  .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

PAGE 159

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL134 ; 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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

PAGE 160

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL135 ; 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 = VOL136 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL137 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL138 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

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

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

SOURCE ID = VOL139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL140 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SUNDAY

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

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

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 = VOL141 ; 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 = VOL142 ; 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 = VOL143   ; SOURCE TYPE = VOLUME   :

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

- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 = VOL144   ; SOURCE TYPE = VOLUME   :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL145       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL146 ; 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 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/19/24
*** AERMET - VERSION 16216 ***
*** *** 11:43:08

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL147 ; 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												

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   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                      PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL148       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                      PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL149       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL150       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL151       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL152 ; 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 = VOL153       ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 = VOL154       ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 = VOL155 ; 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 = VOL156 ; 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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                     ***        11:43:08

                        PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL157       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                     ***        11:43:08

                        PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL158       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

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   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL159       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL160       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL161 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = VOL162 ; 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 = VOL163 ; 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 = VOL164 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL165 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL166       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                     PAGE 192
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL167       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   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
```


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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL168       ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 = VOL169       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:43:08

                      PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL170       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
```

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

SOURCE ID = VOL171 ; 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								

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

(466235.5, 3777488.7, 425.1, 1639.0, 0.0); (466229.9, 3777556.6, 425.3, 1639.0, 0.0);
(466229.2, 3777575.8, 425.6, 1639.0, 0.0); (466228.5, 3777604.3, 426.1, 1639.0, 0.0);
(466229.4, 3777625.9, 426.1, 1639.0, 0.0); (466228.5, 3777654.2, 425.8, 1639.0, 0.0);
(466218.9, 3777693.8, 425.5, 1639.0, 0.0); (466196.2, 3777721.9, 425.7, 1639.0, 0.0);
(466169.2, 3777745.6, 426.0, 1639.0, 0.0); (466153.7, 3777858.5, 423.7, 1642.0, 0.0);
(466114.7, 3777944.8, 423.2, 1642.0, 0.0); (468136.0, 3778118.8, 404.2, 1659.0, 0.0);
(468118.4, 3777969.6, 402.0, 1659.0, 0.0); (468118.8, 3778010.8, 403.0, 1659.0, 0.0);
(468118.2, 3777950.1, 402.0, 1659.0, 0.0); (468117.0, 3777902.9, 400.6, 1659.0, 0.0);
(468117.6, 3777885.0, 400.0, 1659.0, 0.0); (468118.0, 3777861.1, 400.0, 1659.0, 0.0);
(468117.8, 3777833.6, 399.6, 1659.0, 0.0); (468118.0, 3777812.7, 399.2, 1659.0, 0.0);

(468118.0, 3777792.6, 398.9, 1659.0, 0.0); (468119.2, 3777768.9, 398.1, 1659.0, 0.0);
(468121.4, 3777745.6, 398.0, 1659.0, 0.0); (468123.8, 3777726.1, 397.7, 1659.0, 0.0);
(468126.8, 3777705.4, 397.0, 1659.0, 0.0); (468130.2, 3777687.1, 397.0, 1659.0, 0.0);
(468133.4, 3777667.0, 396.7, 1659.0, 0.0); (468138.1, 3777648.1, 396.1, 1659.0, 0.0);
(468143.3, 3777628.8, 396.0, 1659.0, 0.0); (468147.9, 3777610.8, 395.8, 1659.0, 0.0);
(468154.3, 3777592.1, 395.2, 1659.0, 0.0); (468160.6, 3777573.6, 394.6, 1659.0, 0.0);
(468166.2, 3777556.9, 394.0, 1659.0, 0.0); (468172.8, 3777539.0, 394.0, 1659.0, 0.0);
(468181.5, 3777519.3, 393.8, 1659.0, 0.0); (468209.1, 3777471.1, 393.0, 1659.0, 0.0);
(468286.1, 3777417.9, 391.4, 1659.0, 0.0); (468311.5, 3777387.2, 391.0, 1659.0, 0.0);
(468282.2, 3777328.9, 390.0, 1659.0, 0.0); (468504.8, 3777051.9, 384.1, 1659.0, 0.0);
(468532.8, 3777051.9, 384.0, 1659.0, 0.0); (468550.4, 3777053.1, 384.0, 1659.0, 0.0);
(468475.6, 3776950.9, 382.8, 1659.0, 0.0); (468517.3, 3776886.7, 382.0, 1659.0, 0.0);
(468543.5, 3776842.9, 381.1, 1659.0, 0.0); (468611.5, 3776737.9, 379.0, 1659.0, 0.0);
(468613.5, 3776716.4, 378.9, 1659.0, 0.0); (466309.9, 3777267.3, 422.7, 1639.0, 0.0);
(466345.0, 3777266.3, 420.3, 1639.0, 0.0); (466383.5, 3777267.3, 415.8, 1639.0, 0.0);
(466426.0, 3777271.5, 414.7, 1639.0, 0.0); (466476.6, 3777271.8, 413.2, 1639.0, 0.0);
(466523.0, 3777261.5, 411.3, 1639.0, 0.0); (466546.6, 3777244.3, 410.7, 1639.0, 0.0);
(466569.7, 3777227.8, 409.8, 1639.0, 0.0); (466597.9, 3777227.4, 406.2, 1639.0, 0.0);
(466675.4, 3777213.8, 404.7, 1639.0, 0.0); (466270.4, 3777237.2, 423.4, 1639.0, 0.0);
(466222.4, 3777481.7, 425.6, 1639.0, 0.0); (466100.3, 3777410.6, 426.7, 1639.0, 0.0);
(467912.0, 3778321.8, 409.0, 1659.0, 0.0); (467839.2, 3778381.6, 410.5, 1659.0, 0.0);
(467810.4, 3778405.8, 411.2, 1659.0, 0.0); (467732.1, 3778488.5, 413.1, 1659.0, 0.0);
(467690.3, 3778560.9, 414.8, 1659.0, 0.0); (467108.1, 3778935.2, 424.1, 1659.0, 0.0);
(467267.3, 3778933.1, 423.9, 1659.0, 0.0); (467153.2, 3778934.0, 424.0, 1659.0, 0.0);
(467089.9, 3778947.0, 424.8, 1659.0, 0.0); (466364.4, 3778207.4, 416.6, 1642.0, 0.0);
(466308.3, 3778210.5, 416.9, 1642.0, 0.0); (466254.5, 3778207.4, 417.4, 1642.0, 0.0);
(466165.2, 3778177.8, 418.4, 1642.0, 0.0); (466196.9, 3778199.4, 418.2, 1642.0, 0.0);
(466371.8, 3778321.5, 418.3, 1642.0, 0.0); (466149.4, 3777766.7, 426.1, 1639.0, 0.0);
(466129.9, 3777781.3, 427.3, 1639.0, 0.0); (466110.8, 3777799.4, 427.7, 1642.0, 0.0);
(466091.0, 3777818.6, 427.0, 1642.0, 0.0); (466072.5, 3777837.4, 427.9, 1642.0, 0.0);
(466053.6, 3777852.0, 428.6, 1642.0, 0.0); (466031.6, 3777868.2, 429.1, 1642.0, 0.0);
(466012.4, 3777882.5, 429.9, 1642.0, 0.0); (465993.6, 3777897.8, 431.1, 1642.0, 0.0);
(466110.4, 3777872.5, 424.5, 1642.0, 0.0); (466179.3, 3777199.2, 423.1, 1639.0, 0.0);

(466917.6, 3777208.2, 400.0, 1639.0, 0.0); (467023.8, 3777167.0, 396.9, 1639.0, 0.0);
(466796.1, 3777206.1, 402.0, 1639.0, 0.0); (466946.3, 3776262.0, 406.4, 406.4, 0.0);

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

(467026.8, 3776215.2, 405.0, 405.0, 0.0); (466901.7, 3776272.2, 407.2, 407.2, 0.0);
(466407.3, 3776462.4, 412.7, 412.7, 0.0); (466346.6, 3776460.2, 413.2, 413.2, 0.0);
(466275.6, 3776460.2, 413.5, 413.5, 0.0); (466002.1, 3776630.7, 418.1, 418.1, 0.0);
(466007.2, 3776553.1, 417.0, 417.0, 0.0); (465424.9, 3776849.6, 427.0, 427.0, 0.0);
(465410.4, 3776795.4, 426.0, 426.0, 0.0); (465379.8, 3776717.9, 425.0, 425.0, 0.0);
(465400.1, 3776879.8, 427.4, 427.4, 0.0); (465130.9, 3777882.1, 442.9, 1639.0, 0.0);
(465100.0, 3777897.0, 443.0, 1639.0, 0.0); (465091.6, 3777918.0, 443.3, 1639.0, 0.0);
(465058.3, 3777940.9, 444.0, 1639.0, 0.0); (465030.1, 3777962.3, 444.3, 1639.0, 0.0);
(465002.2, 3777986.4, 445.1, 1639.0, 0.0); (464411.7, 3778008.7, 450.9, 450.9, 0.0);
(464414.5, 3777952.1, 450.8, 450.8, 0.0); (464413.4, 3777896.9, 449.9, 449.9, 0.0);
(469504.0, 3776211.0, 366.2, 1659.0, 0.0); (469479.2, 3776194.1, 366.0, 1659.0, 0.0);
(468902.4, 3776577.4, 374.4, 1659.0, 0.0); (468743.8, 3776517.6, 375.4, 1659.0, 0.0);
(468781.5, 3776457.4, 374.6, 1659.0, 0.0); (468009.9, 3776659.8, 383.0, 1639.0, 0.0);
(467965.5, 3776647.6, 383.3, 1639.0, 0.0); (467919.0, 3776639.7, 384.0, 1639.0, 0.0);
(466991.0, 3776774.6, 406.0, 1639.0, 0.0); (467008.1, 3776747.1, 405.3, 1639.0, 0.0);
(467009.9, 3776722.9, 407.9, 1639.0, 0.0); (467032.8, 3776695.4, 407.9, 1639.0, 0.0);
(467082.7, 3776656.3, 405.6, 1639.0, 0.0); (467227.0, 3776550.3, 393.4, 1639.0, 0.0);
(467158.7, 3776521.0, 403.3, 1639.0, 0.0); (467246.8, 3776452.3, 399.1, 1639.0, 0.0);
(467293.5, 3776412.3, 396.7, 1639.0, 0.0); (467337.1, 3776365.5, 395.3, 1639.0, 0.0);
(467395.1, 3776308.0, 394.0, 1639.0, 0.0); (466106.5, 3778055.6, 421.9, 1642.0, 0.0);
(466146.1, 3778018.3, 418.9, 1642.0, 0.0); (466218.7, 3777730.9, 423.2, 1639.0, 0.0);
(466214.2, 3777756.5, 422.1, 1642.0, 0.0); (466214.8, 3777784.8, 420.7, 1642.0, 0.0);
(466182.0, 3777810.1, 423.8, 1642.0, 0.0); (466149.9, 3777834.2, 424.7, 1642.0, 0.0);

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

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

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

Surface file:
FONT_v9.SFC Met
Version: 16216
Profile file:
FONT_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2011 Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5

```
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20
 52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80
 32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82   1.00    0.40
 27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82   1.00    1.80
 51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82   1.00    2.70
 53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82   1.00    2.20
 70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82   0.54    1.30
 72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82   0.32    2.20
 67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82   0.25    1.80
 83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82   0.22    2.20
 58.    9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82   0.21    2.20
 115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82   0.21    1.30
 147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82   0.23    1.30
 219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82   0.26    1.30
 126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82   0.35    0.90
 151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82   0.63    1.30
 69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82   1.00    3.10
 81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82   1.00    3.10
 51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82   1.00    2.20
 77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80
 53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82   1.00    2.20
 58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82   1.00    1.80
 64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82   1.00    0.90
 52.    9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:43:08

                      PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                               L0000003    , L0000004    , L0000005    ,
```

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , VOL1 ,
VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,
VOL7 , VOL8 , . . . ,

*** 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
466235.51	3777488.67	0.00207	466229.89	3777556.58	0.00257
466229.19	3777575.78	0.00273	466228.48	3777604.35	0.00300
466229.42	3777625.89	0.00329	466228.48	3777654.23	0.00365
466218.88	3777693.80	0.00365	466196.17	3777721.90	0.00269
466169.24	3777745.56	0.00195	466153.71	3777858.47	0.00139
466114.69	3777944.80	0.00089	468136.04	3778118.84	0.00062
468118.43	3777969.61	0.00069	468118.83	3778010.83	0.00068
468118.23	3777950.10	0.00070	468117.04	3777902.92	0.00071
468117.63	3777885.00	0.00072	468118.03	3777861.10	0.00072
468117.83	3777833.63	0.00073	468118.03	3777812.72	0.00073
468118.03	3777792.61	0.00073	468119.23	3777768.92	0.00074
468121.42	3777745.63	0.00074	468123.80	3777726.12	0.00073
468126.79	3777705.41	0.00073	468130.18	3777687.09	0.00072
468133.36	3777666.98	0.00072	468138.14	3777648.07	0.00071
468143.32	3777628.76	0.00070	468147.90	3777610.84	0.00069
468154.27	3777592.12	0.00067	468160.64	3777573.60	0.00066
468166.21	3777556.88	0.00065	468172.78	3777538.96	0.00063
468181.45	3777519.32	0.00061	468209.09	3777471.07	0.00055
468286.15	3777417.90	0.00045	468311.45	3777387.21	0.00041
468282.17	3777328.89	0.00040	468504.85	3777051.89	0.00019
468532.83	3777051.89	0.00019	468550.44	3777053.15	0.00018
468475.65	3776950.91	0.00017	468517.27	3776886.69	0.00015
468543.45	3776842.87	0.00014	468611.52	3776737.86	0.00012
468613.45	3776716.37	0.00012	466309.93	3777267.31	0.00112
466344.95	3777266.34	0.00119	466383.54	3777267.31	0.00130

466426.02	3777271.53	0.00142	466476.60	
3777271.85	0.00153			
466522.97	3777261.48	0.00158	466546.65	
3777244.29	0.00152			
466569.67	3777227.75	0.00147	466597.88	
3777227.43	0.00156			
466675.38	3777213.81	0.00163	466270.37	
3777237.16	0.00095			
466222.39	3777481.67	0.00185	466100.28	
3777410.56	0.00087			
467911.95	3778321.82	0.00063	467839.16	
3778381.65	0.00062			
467810.40	3778405.77	0.00061	467732.08	
3778488.51	0.00057			
467690.35	3778560.93	0.00052	467108.13	
3778935.22	0.00026			
467267.35	3778933.09	0.00028	467153.23	
3778933.99	0.00027			
467089.86	3778946.96	0.00025	466364.36	
3778207.36	0.00095			
466308.35	3778210.53	0.00079	466254.46	
3778207.36	0.00069			
466165.16	3778177.77	0.00058	466196.86	
3778199.44	0.00059			
466371.75	3778321.49	0.00057	466149.36	
3777766.67	0.00158			
466129.89	3777781.27	0.00131	466110.75	
3777799.45	0.00112			
466090.95	3777818.59	0.00097	466072.45	
3777837.41	0.00085			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , VOL1 ,
VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,
VOL7 , VOL8 , . . . ,

*** 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
466053.63	3777852.02	0.00075	466031.57		
3777868.24	0.00067				
466012.42	3777882.52	0.00060	465993.60		
3777897.77	0.00055				
466110.42	3777872.46	0.00101	466179.35		
3777199.21	0.00073				
466917.60	3777208.20	0.00214	467023.82		
3777166.98	0.00187				

466796.06	3777206.08	0.00184	466946.35
3776262.01	0.00019		
467026.80	3776215.20	0.00018	466901.73
3776272.25	0.00020		
466407.28	3776462.43	0.00025	466346.57
3776460.23	0.00025		
466275.62	3776460.23	0.00025	466002.06
3776630.66	0.00027		
466007.18	3776553.12	0.00025	465424.89
3776849.60	0.00016		
465410.38	3776795.38	0.00016	465379.83
3776717.87	0.00015		
465400.07	3776879.77	0.00016	465130.91
3777882.10	0.00012		
465099.98	3777897.00	0.00012	465091.58
3777918.00	0.00011		
465058.35	3777940.91	0.00011	465030.09
3777962.30	0.00011		
465002.21	3777986.36	0.00011	464411.74
3778008.66	0.00007		
464414.50	3777952.09	0.00007	464413.40
3777896.90	0.00007		
469504.05	3776211.02	0.00006	469479.21
3776194.10	0.00007		
468902.44	3776577.39	0.00010	468743.80
3776517.62	0.00010		
468781.55	3776457.40	0.00009	468009.93
3776659.75	0.00018		
467965.51	3776647.59	0.00018	467918.97
3776639.66	0.00019		
466991.01	3776774.56	0.00047	467008.09
3776747.14	0.00045		
467009.89	3776722.87	0.00042	467032.81
3776695.45	0.00040		
467082.71	3776656.35	0.00038	467226.99
3776550.27	0.00029		
467158.67	3776521.05	0.00028	467246.77
3776452.28	0.00024		
467293.52	3776412.27	0.00021	467337.12
3776365.52	0.00019		
467395.11	3776307.99	0.00017	466106.52
3778055.62	0.00066		
466146.08	3778018.31	0.00089	466218.73
3777730.88	0.00390		
466214.18	3777756.54	0.00351	466214.83
3777784.80	0.00333		
466182.03	3777810.14	0.00200	466149.87
3777834.17	0.00142		

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

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,

```
ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.00390 AT (  466218.73,  3777730.88,   423.17,
1639.00,    0.00)  DC
          2ND HIGHEST VALUE IS       0.00365 AT (  466228.48,  3777654.23,   425.76,
          1639.00,    0.00)  DC
          3RD HIGHEST VALUE IS       0.00365 AT (  466218.88,  3777693.80,   425.46,
          1639.00,    0.00)  DC
          4TH HIGHEST VALUE IS       0.00351 AT (  466214.18,  3777756.54,   422.07,
          1642.00,    0.00)  DC
          5TH HIGHEST VALUE IS       0.00333 AT (  466214.83,  3777784.80,   420.72,
          1642.00,    0.00)  DC
          6TH HIGHEST VALUE IS       0.00329 AT (  466229.42,  3777625.89,   426.14,
          1639.00,    0.00)  DC
          7TH HIGHEST VALUE IS       0.00300 AT (  466228.48,  3777604.35,   426.13,
          1639.00,    0.00)  DC
          8TH HIGHEST VALUE IS       0.00273 AT (  466229.19,  3777575.78,   425.59,
          1639.00,    0.00)  DC
          9TH HIGHEST VALUE IS       0.00269 AT (  466196.17,  3777721.90,   425.65,
          1639.00,    0.00)  DC
         10TH HIGHEST VALUE IS       0.00257 AT (  466229.89,  3777556.58,   425.34,
         1639.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***       01/19/24
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***       11:43:08

                      PAGE 204
 *** 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           7 Warning Message(s)
 A Total of         838 Informational Message(s)

 A Total of       43848 Hours Were Processed

 A Total of          40 Calm Hours Identified

 A Total of         798 Missing Hours Identified (  1.82 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    3190       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    3190       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                    12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap
```

```
**********************************
*** AERMOD Finishes Successfully ***
**********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/26/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\14324 Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14324 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 N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002575
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 466576.139, 3777847.643, 408.85, 3.49, 4.00
** 467108.919, 3777507.866, 402.00, 3.49, 4.00
** ------------------------------------------------------------------------
   LOCATION L0003953     VOLUME   466579.760 3777845.333 408.64
   LOCATION L0003954     VOLUME   466587.003 3777840.714 408.48
   LOCATION L0003955     VOLUME   466594.245 3777836.095 408.33
   LOCATION L0003956     VOLUME   466601.488 3777831.476 408.18
   LOCATION L0003957     VOLUME   466608.730 3777826.858 408.02
   LOCATION L0003958     VOLUME   466615.973 3777822.239 408.00
   LOCATION L0003959     VOLUME   466623.215 3777817.620 408.00
   LOCATION L0003960     VOLUME   466630.458 3777813.001 407.99
   LOCATION L0003961     VOLUME   466637.700 3777808.382 407.84
   LOCATION L0003962     VOLUME   466644.943 3777803.763 407.62
   LOCATION L0003963     VOLUME   466652.185 3777799.144 407.33
   LOCATION L0003964     VOLUME   466659.428 3777794.526 406.96
   LOCATION L0003965     VOLUME   466666.670 3777789.907 406.79
   LOCATION L0003966     VOLUME   466673.913 3777785.288 406.64
   LOCATION L0003967     VOLUME   466681.155 3777780.669 406.48
   LOCATION L0003968     VOLUME   466688.398 3777776.050 406.33
```

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   LOCATION L0003969     VOLUME   466695.641 3777771.431 406.14
   LOCATION L0003970     VOLUME   466702.883 3777766.812 406.01
   LOCATION L0003971     VOLUME   466710.126 3777762.194 405.87
   LOCATION L0003972     VOLUME   466717.368 3777757.575 405.71
   LOCATION L0003973     VOLUME   466724.611 3777752.956 405.49
   LOCATION L0003974     VOLUME   466731.853 3777748.337 405.17
   LOCATION L0003975     VOLUME   466739.096 3777743.718 404.77
   LOCATION L0003976     VOLUME   466746.338 3777739.099 404.30
   LOCATION L0003977     VOLUME   466753.581 3777734.480 403.88
   LOCATION L0003978     VOLUME   466760.823 3777729.861 403.58
   LOCATION L0003979     VOLUME   466768.066 3777725.243 403.27
   LOCATION L0003980     VOLUME   466775.308 3777720.624 402.96
   LOCATION L0003981     VOLUME   466782.551 3777716.005 402.65
   LOCATION L0003982     VOLUME   466789.793 3777711.386 402.34
   LOCATION L0003983     VOLUME   466797.036 3777706.767 402.04
   LOCATION L0003984     VOLUME   466804.278 3777702.148 401.86
   LOCATION L0003985     VOLUME   466811.521 3777697.529 401.73
   LOCATION L0003986     VOLUME   466818.763 3777692.911 401.69
   LOCATION L0003987     VOLUME   466826.006 3777688.292 401.72
   LOCATION L0003988     VOLUME   466833.249 3777683.673 401.83
   LOCATION L0003989     VOLUME   466840.491 3777679.054 402.00
   LOCATION L0003990     VOLUME   466847.734 3777674.435 401.96
   LOCATION L0003991     VOLUME   466854.976 3777669.816 401.89
   LOCATION L0003992     VOLUME   466862.219 3777665.197 401.91
   LOCATION L0003993     VOLUME   466869.461 3777660.578 401.99
   LOCATION L0003994     VOLUME   466876.704 3777655.960 402.07
   LOCATION L0003995     VOLUME   466883.946 3777651.341 402.08
   LOCATION L0003996     VOLUME   466891.189 3777646.722 402.01
   LOCATION L0003997     VOLUME   466898.431 3777642.103 402.00
   LOCATION L0003998     VOLUME   466905.674 3777637.484 402.14
   LOCATION L0003999     VOLUME   466912.916 3777632.865 402.24
   LOCATION L0004000     VOLUME   466920.159 3777628.246 402.27
   LOCATION L0004001     VOLUME   466927.401 3777623.628 402.23
   LOCATION L0004002     VOLUME   466934.644 3777619.009 402.09
   LOCATION L0004003     VOLUME   466941.886 3777614.390 402.00
   LOCATION L0004004     VOLUME   466949.129 3777609.771 402.00
   LOCATION L0004005     VOLUME   466956.371 3777605.152 402.00
   LOCATION L0004006     VOLUME   466963.614 3777600.533 402.13
   LOCATION L0004007     VOLUME   466970.857 3777595.914 402.37
   LOCATION L0004008     VOLUME   466978.099 3777591.296 402.61
   LOCATION L0004009     VOLUME   466985.342 3777586.677 402.85
   LOCATION L0004010     VOLUME   466992.584 3777582.058 402.91
   LOCATION L0004011     VOLUME   466999.827 3777577.439 402.67
   LOCATION L0004012     VOLUME   467007.069 3777572.820 402.43
   LOCATION L0004013     VOLUME   467014.312 3777568.201 402.18
   LOCATION L0004014     VOLUME   467021.554 3777563.582 402.00
   LOCATION L0004015     VOLUME   467028.797 3777558.963 402.00
   LOCATION L0004016     VOLUME   467036.039 3777554.345 402.00
   LOCATION L0004017     VOLUME   467043.282 3777549.726 402.00
   LOCATION L0004018     VOLUME   467050.524 3777545.107 402.00
   LOCATION L0004019     VOLUME   467057.767 3777540.488 402.00
   LOCATION L0004020     VOLUME   467065.009 3777535.869 402.00
   LOCATION L0004021     VOLUME   467072.252 3777531.250 402.00
   LOCATION L0004022     VOLUME   467079.494 3777526.631 402.00
   LOCATION L0004023     VOLUME   467086.737 3777522.013 402.00
   LOCATION L0004024     VOLUME   467093.979 3777517.394 402.00
   LOCATION L0004025     VOLUME   467101.222 3777512.775 402.00
   LOCATION L0004026     VOLUME   467108.465 3777508.156 402.00
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Idle S
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
```

```
** Emission Rate = 0.0000209
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 466520.033, 3777658.678, 406.65, 3.49, 4.00
** 466953.169, 3777383.536, 401.12, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0004027     VOLUME   466523.658 3777656.375 406.54
   LOCATION L0004028     VOLUME   466530.909 3777651.769 406.30
   LOCATION L0004029     VOLUME   466538.160 3777647.164 406.06
   LOCATION L0004030     VOLUME   466545.411 3777642.558 405.98
   LOCATION L0004031     VOLUME   466552.662 3777637.952 405.88
   LOCATION L0004032     VOLUME   466559.912 3777633.346 405.71
   LOCATION L0004033     VOLUME   466567.163 3777628.740 405.47
   LOCATION L0004034     VOLUME   466574.414 3777624.134 405.11
   LOCATION L0004035     VOLUME   466581.665 3777619.528 404.72
   LOCATION L0004036     VOLUME   466588.915 3777614.922 404.36
   LOCATION L0004037     VOLUME   466596.166 3777610.316 404.12
   LOCATION L0004038     VOLUME   466603.417 3777605.710 403.88
   LOCATION L0004039     VOLUME   466610.668 3777601.104 403.64
   LOCATION L0004040     VOLUME   466617.918 3777596.498 403.40
   LOCATION L0004041     VOLUME   466625.169 3777591.892 403.16
   LOCATION L0004042     VOLUME   466632.420 3777587.287 402.91
   LOCATION L0004043     VOLUME   466639.671 3777582.681 402.79
   LOCATION L0004044     VOLUME   466646.921 3777578.075 402.70
   LOCATION L0004045     VOLUME   466654.172 3777573.469 402.61
   LOCATION L0004046     VOLUME   466661.423 3777568.863 402.55
   LOCATION L0004047     VOLUME   466668.674 3777564.257 402.52
   LOCATION L0004048     VOLUME   466675.924 3777559.651 402.41
   LOCATION L0004049     VOLUME   466683.175 3777555.045 402.25
   LOCATION L0004050     VOLUME   466690.426 3777550.439 402.19
   LOCATION L0004051     VOLUME   466697.677 3777545.833 402.35
   LOCATION L0004052     VOLUME   466704.928 3777541.227 402.50
   LOCATION L0004053     VOLUME   466712.178 3777536.621 402.65
   LOCATION L0004054     VOLUME   466719.429 3777532.015 402.81
   LOCATION L0004055     VOLUME   466726.680 3777527.410 402.96
   LOCATION L0004056     VOLUME   466733.931 3777522.804 403.00
   LOCATION L0004057     VOLUME   466741.181 3777518.198 403.00
   LOCATION L0004058     VOLUME   466748.432 3777513.592 403.00
   LOCATION L0004059     VOLUME   466755.683 3777508.986 402.89
   LOCATION L0004060     VOLUME   466762.934 3777504.380 402.68
   LOCATION L0004061     VOLUME   466770.184 3777499.774 402.40
   LOCATION L0004062     VOLUME   466777.435 3777495.168 402.08
   LOCATION L0004063     VOLUME   466784.686 3777490.562 402.00
   LOCATION L0004064     VOLUME   466791.937 3777485.956 402.00
   LOCATION L0004065     VOLUME   466799.187 3777481.350 402.00
   LOCATION L0004066     VOLUME   466806.438 3777476.744 402.00
   LOCATION L0004067     VOLUME   466813.689 3777472.138 402.00
   LOCATION L0004068     VOLUME   466820.940 3777467.532 402.00
   LOCATION L0004069     VOLUME   466828.190 3777462.927 402.00
   LOCATION L0004070     VOLUME   466835.441 3777458.321 402.00
   LOCATION L0004071     VOLUME   466842.692 3777453.715 402.00
   LOCATION L0004072     VOLUME   466849.943 3777449.109 402.00
   LOCATION L0004073     VOLUME   466857.194 3777444.503 402.00
   LOCATION L0004074     VOLUME   466864.444 3777439.897 402.00
   LOCATION L0004075     VOLUME   466871.695 3777435.291 402.00
   LOCATION L0004076     VOLUME   466878.946 3777430.685 402.00
   LOCATION L0004077     VOLUME   466886.197 3777426.079 402.00
   LOCATION L0004078     VOLUME   466893.447 3777421.473 402.00
   LOCATION L0004079     VOLUME   466900.698 3777416.867 402.00
   LOCATION L0004080     VOLUME   466907.949 3777412.261 402.00
   LOCATION L0004081     VOLUME   466915.200 3777407.655 402.00
   LOCATION L0004082     VOLUME   466922.450 3777403.050 402.00
   LOCATION L0004083     VOLUME   466929.701 3777398.444 402.00
   LOCATION L0004084     VOLUME   466936.952 3777393.838 401.90
   LOCATION L0004085     VOLUME   466944.203 3777389.232 401.73
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   LOCATION L0004086     VOLUME   466951.453 3777384.626 401.48
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Idle W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.664E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 466495.795, 3777741.266, 408.00, 3.49, 4.00
** 466560.429, 3777846.296, 408.79, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0004087     VOLUME   466498.046 3777744.924 408.11
   LOCATION L0004088     VOLUME   466502.548 3777752.240 408.13
   LOCATION L0004089     VOLUME   466507.050 3777759.555 408.07
   LOCATION L0004090     VOLUME   466511.552 3777766.871 408.00
   LOCATION L0004091     VOLUME   466516.054 3777774.187 408.00
   LOCATION L0004092     VOLUME   466520.556 3777781.503 408.00
   LOCATION L0004093     VOLUME   466525.058 3777788.818 408.00
   LOCATION L0004094     VOLUME   466529.560 3777796.134 408.00
   LOCATION L0004095     VOLUME   466534.062 3777803.450 408.24
   LOCATION L0004096     VOLUME   466538.564 3777810.766 408.49
   LOCATION L0004097     VOLUME   466543.066 3777818.081 408.65
   LOCATION L0004098     VOLUME   466547.568 3777825.397 408.72
   LOCATION L0004099     VOLUME   466552.070 3777832.713 408.68
   LOCATION L0004100     VOLUME   466556.572 3777840.029 408.70
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC TTP Idle 1
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.124E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466860.507, 3777393.097, 402.00, 3.49, 4.00
** 466484.031, 3777632.277, 407.07, 3.49, 4.00
** 466474.713, 3777616.746, 407.02, 3.49, 4.00
** 466641.207, 3777511.134, 403.84, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0004101     VOLUME   466856.881 3777395.400 402.00
   LOCATION L0004102     VOLUME   466849.631 3777400.007 402.00
   LOCATION L0004103     VOLUME   466842.380 3777404.613 402.00
   LOCATION L0004104     VOLUME   466835.130 3777409.219 402.00
   LOCATION L0004105     VOLUME   466827.879 3777413.826 402.00
   LOCATION L0004106     VOLUME   466820.629 3777418.432 402.00
   LOCATION L0004107     VOLUME   466813.378 3777423.038 402.00
   LOCATION L0004108     VOLUME   466806.128 3777427.645 402.00
   LOCATION L0004109     VOLUME   466798.877 3777432.251 402.00
   LOCATION L0004110     VOLUME   466791.627 3777436.857 402.00
   LOCATION L0004111     VOLUME   466784.376 3777441.464 402.00
   LOCATION L0004112     VOLUME   466777.126 3777446.070 402.00
   LOCATION L0004113     VOLUME   466769.875 3777450.676 402.00
   LOCATION L0004114     VOLUME   466762.625 3777455.283 402.00
   LOCATION L0004115     VOLUME   466755.374 3777459.889 402.00
   LOCATION L0004116     VOLUME   466748.124 3777464.495 402.06
   LOCATION L0004117     VOLUME   466740.874 3777469.102 402.37
   LOCATION L0004118     VOLUME   466733.623 3777473.708 402.66
   LOCATION L0004119     VOLUME   466726.373 3777478.314 402.87
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   LOCATION L0004120     VOLUME   466719.122 3777482.921 403.00
   LOCATION L0004121     VOLUME   466711.872 3777487.527 403.00
   LOCATION L0004122     VOLUME   466704.621 3777492.133 403.00
   LOCATION L0004123     VOLUME   466697.371 3777496.740 403.00
   LOCATION L0004124     VOLUME   466690.120 3777501.346 403.00
   LOCATION L0004125     VOLUME   466682.870 3777505.952 403.16
   LOCATION L0004126     VOLUME   466675.619 3777510.559 403.25
   LOCATION L0004127     VOLUME   466668.369 3777515.165 403.26
   LOCATION L0004128     VOLUME   466661.118 3777519.771 403.21
   LOCATION L0004129     VOLUME   466653.868 3777524.378 403.25
   LOCATION L0004130     VOLUME   466646.617 3777528.984 403.44
   LOCATION L0004131     VOLUME   466639.367 3777533.590 403.68
   LOCATION L0004132     VOLUME   466632.116 3777538.197 403.92
   LOCATION L0004133     VOLUME   466624.866 3777542.803 404.07
   LOCATION L0004134     VOLUME   466617.615 3777547.409 404.12
   LOCATION L0004135     VOLUME   466610.365 3777552.016 404.09
   LOCATION L0004136     VOLUME   466603.114 3777556.622 404.00
   LOCATION L0004137     VOLUME   466595.864 3777561.229 404.13
   LOCATION L0004138     VOLUME   466588.613 3777565.835 404.37
   LOCATION L0004139     VOLUME   466581.363 3777570.441 404.62
   LOCATION L0004140     VOLUME   466574.112 3777575.048 404.86
   LOCATION L0004141     VOLUME   466566.862 3777579.654 405.10
   LOCATION L0004142     VOLUME   466559.611 3777584.260 405.34
   LOCATION L0004143     VOLUME   466552.361 3777588.867 405.58
   LOCATION L0004144     VOLUME   466545.110 3777593.473 405.82
   LOCATION L0004145     VOLUME   466537.860 3777598.079 406.00
   LOCATION L0004146     VOLUME   466530.609 3777602.686 406.00
   LOCATION L0004147     VOLUME   466523.359 3777607.292 406.00
   LOCATION L0004148     VOLUME   466516.108 3777611.898 406.00
   LOCATION L0004149     VOLUME   466508.858 3777616.505 406.04
   LOCATION L0004150     VOLUME   466501.607 3777621.111 406.39
   LOCATION L0004151     VOLUME   466494.357 3777625.717 406.67
   LOCATION L0004152     VOLUME   466487.106 3777630.324 406.87
   LOCATION L0004153     VOLUME   466481.486 3777628.035 406.97
   LOCATION L0004154     VOLUME   466477.067 3777620.669 407.09
   LOCATION L0004155     VOLUME   466478.103 3777614.595 407.06
   LOCATION L0004156     VOLUME   466485.357 3777609.994 406.82
   LOCATION L0004157     VOLUME   466492.611 3777605.393 406.57
   LOCATION L0004158     VOLUME   466499.864 3777600.791 406.33
   LOCATION L0004159     VOLUME   466507.118 3777596.190 406.09
   LOCATION L0004160     VOLUME   466514.372 3777591.589 406.00
   LOCATION L0004161     VOLUME   466521.626 3777586.988 406.00
   LOCATION L0004162     VOLUME   466528.879 3777582.386 406.00
   LOCATION L0004163     VOLUME   466536.133 3777577.785 406.00
   LOCATION L0004164     VOLUME   466543.387 3777573.184 405.88
   LOCATION L0004165     VOLUME   466550.641 3777568.583 405.64
   LOCATION L0004166     VOLUME   466557.894 3777563.981 405.40
   LOCATION L0004167     VOLUME   466565.148 3777559.380 405.16
   LOCATION L0004168     VOLUME   466572.402 3777554.779 404.92
   LOCATION L0004169     VOLUME   466579.655 3777550.178 404.74
   LOCATION L0004170     VOLUME   466586.909 3777545.576 404.63
   LOCATION L0004171     VOLUME   466594.163 3777540.975 404.60
   LOCATION L0004172     VOLUME   466601.417 3777536.374 404.63
   LOCATION L0004173     VOLUME   466608.670 3777531.773 404.57
   LOCATION L0004174     VOLUME   466615.924 3777527.171 404.45
   LOCATION L0004175     VOLUME   466623.178 3777522.570 404.22
   LOCATION L0004176     VOLUME   466630.432 3777517.969 403.99
   LOCATION L0004177     VOLUME   466637.685 3777513.368 403.85
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC TTP Idle 2
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
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** Emission Rate = 1.674E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466623.191, 3777482.557, 404.14, 3.49, 4.00
** 466456.697, 3777588.790, 407.87, 3.49, 4.00
** 466447.378, 3777574.501, 407.68, 3.49, 4.00
** 466564.793, 3777498.709, 405.04, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0004178     VOLUME   466619.570 3777484.867 404.34
   LOCATION L0004179     VOLUME   466612.328 3777489.487 404.58
   LOCATION L0004180     VOLUME   466605.087 3777494.108 404.83
   LOCATION L0004181     VOLUME   466597.845 3777498.728 405.00
   LOCATION L0004182     VOLUME   466590.604 3777503.349 405.00
   LOCATION L0004183     VOLUME   466583.362 3777507.969 405.00
   LOCATION L0004184     VOLUME   466576.121 3777512.590 405.00
   LOCATION L0004185     VOLUME   466568.879 3777517.210 405.03
   LOCATION L0004186     VOLUME   466561.638 3777521.831 405.27
   LOCATION L0004187     VOLUME   466554.397 3777526.451 405.51
   LOCATION L0004188     VOLUME   466547.155 3777531.072 405.76
   LOCATION L0004189     VOLUME   466539.914 3777535.692 406.00
   LOCATION L0004190     VOLUME   466532.672 3777540.313 406.00
   LOCATION L0004191     VOLUME   466525.431 3777544.933 406.00
   LOCATION L0004192     VOLUME   466518.189 3777549.554 406.00
   LOCATION L0004193     VOLUME   466510.948 3777554.174 406.00
   LOCATION L0004194     VOLUME   466503.706 3777558.795 406.20
   LOCATION L0004195     VOLUME   466496.465 3777563.415 406.45
   LOCATION L0004196     VOLUME   466489.223 3777568.036 406.69
   LOCATION L0004197     VOLUME   466481.982 3777572.656 406.93
   LOCATION L0004198     VOLUME   466474.740 3777577.277 407.12
   LOCATION L0004199     VOLUME   466467.499 3777581.897 407.35
   LOCATION L0004200     VOLUME   466460.257 3777586.518 407.65
   LOCATION L0004201     VOLUME   466454.311 3777585.132 407.82
   LOCATION L0004202     VOLUME   466449.619 3777577.937 407.73
   LOCATION L0004203     VOLUME   466451.148 3777572.067 407.51
   LOCATION L0004204     VOLUME   466458.365 3777567.409 407.27
   LOCATION L0004205     VOLUME   466465.582 3777562.750 407.10
   LOCATION L0004206     VOLUME   466472.799 3777558.092 407.01
   LOCATION L0004207     VOLUME   466480.016 3777553.433 406.99
   LOCATION L0004208     VOLUME   466487.233 3777548.774 406.75
   LOCATION L0004209     VOLUME   466494.450 3777544.116 406.51
   LOCATION L0004210     VOLUME   466501.667 3777539.457 406.27
   LOCATION L0004211     VOLUME   466508.884 3777534.799 406.03
   LOCATION L0004212     VOLUME   466516.101 3777530.140 406.00
   LOCATION L0004213     VOLUME   466523.318 3777525.481 406.01
   LOCATION L0004214     VOLUME   466530.535 3777520.823 406.06
   LOCATION L0004215     VOLUME   466537.752 3777516.164 406.02
   LOCATION L0004216     VOLUME   466544.969 3777511.505 405.83
   LOCATION L0004217     VOLUME   466552.186 3777506.847 405.59
   LOCATION L0004218     VOLUME   466559.403 3777502.188 405.35
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC TTP Idle 3
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.051E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466402.648, 3777597.487, 408.87, 3.49, 4.00
** 466447.999, 3777670.173, 407.97, 3.49, 4.00
** 466464.773, 3777659.612, 407.57, 3.49, 4.00
** 466417.558, 3777587.547, 408.01, 3.49, 4.00
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   LOCATION L0004219     VOLUME   466404.922 3777601.131 408.74
   LOCATION L0004220     VOLUME   466409.469 3777608.419 408.60
   LOCATION L0004221     VOLUME   466414.016 3777615.707 408.39
   LOCATION L0004222     VOLUME   466418.563 3777622.994 408.09
   LOCATION L0004223     VOLUME   466423.110 3777630.282 408.00
   LOCATION L0004224     VOLUME   466427.657 3777637.570 408.00
   LOCATION L0004225     VOLUME   466432.204 3777644.858 408.00
   LOCATION L0004226     VOLUME   466436.751 3777652.146 408.00
   LOCATION L0004227     VOLUME   466441.298 3777659.433 408.00
   LOCATION L0004228     VOLUME   466445.845 3777666.721 408.00
   LOCATION L0004229     VOLUME   466451.825 3777667.764 407.93
   LOCATION L0004230     VOLUME   466459.095 3777663.187 407.69
   LOCATION L0004231     VOLUME   466463.742 3777658.039 407.54
   LOCATION L0004232     VOLUME   466459.035 3777650.854 407.69
   LOCATION L0004233     VOLUME   466454.327 3777643.669 407.85
   LOCATION L0004234     VOLUME   466449.620 3777636.484 408.00
   LOCATION L0004235     VOLUME   466444.912 3777629.298 408.00
   LOCATION L0004236     VOLUME   466440.205 3777622.113 408.00
   LOCATION L0004237     VOLUME   466435.497 3777614.928 408.00
   LOCATION L0004238     VOLUME   466430.790 3777607.743 408.00
   LOCATION L0004239     VOLUME   466426.082 3777600.558 408.00
   LOCATION L0004240     VOLUME   466421.375 3777593.372 408.00
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC TTP Idle 4
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.589E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466352.327, 3777627.928, 411.37, 3.49, 4.00
** 466400.784, 3777703.720, 409.64, 3.49, 4.00
** 466419.422, 3777692.538, 408.17, 3.49, 4.00
** 466370.343, 3777615.503, 410.97, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0004241     VOLUME   466354.641 3777631.547 411.77
   LOCATION L0004242     VOLUME   466359.268 3777638.784 411.78
   LOCATION L0004243     VOLUME   466363.895 3777646.021 411.72
   LOCATION L0004244     VOLUME   466368.522 3777653.259 411.42
   LOCATION L0004245     VOLUME   466373.149 3777660.496 411.11
   LOCATION L0004246     VOLUME   466377.776 3777667.733 410.80
   LOCATION L0004247     VOLUME   466382.403 3777674.970 410.50
   LOCATION L0004248     VOLUME   466387.030 3777682.208 410.19
   LOCATION L0004249     VOLUME   466391.658 3777689.445 409.88
   LOCATION L0004250     VOLUME   466396.285 3777696.682 409.57
   LOCATION L0004251     VOLUME   466400.987 3777703.599 409.26
   LOCATION L0004252     VOLUME   466408.353 3777699.179 408.77
   LOCATION L0004253     VOLUME   466415.719 3777694.760 408.27
   LOCATION L0004254     VOLUME   466417.127 3777688.935 408.18
   LOCATION L0004255     VOLUME   466412.511 3777681.691 408.49
   LOCATION L0004256     VOLUME   466407.895 3777674.446 408.80
   LOCATION L0004257     VOLUME   466403.280 3777667.201 409.10
   LOCATION L0004258     VOLUME   466398.664 3777659.957 409.41
   LOCATION L0004259     VOLUME   466394.049 3777652.712 409.72
   LOCATION L0004260     VOLUME   466389.433 3777645.467 410.03
   LOCATION L0004261     VOLUME   466384.818 3777638.223 410.29
   LOCATION L0004262     VOLUME   466380.202 3777630.978 410.48
   LOCATION L0004263     VOLUME   466375.587 3777623.733 410.59
   LOCATION L0004264     VOLUME   466370.971 3777616.489 410.63
** End of LINE VOLUME Source ID = SLINE7
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC TTP Idle 5
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.897E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466520.685, 3777890.715, 409.93, 3.49, 4.00
** 466411.967, 3777722.358, 408.74, 3.49, 4.00
** 466429.983, 3777711.797, 408.11, 3.49, 4.00
** 466525.655, 3777864.623, 409.06, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0004265     VOLUME   466518.355 3777887.107 410.00
   LOCATION L0004266     VOLUME   466513.695 3777879.891 409.79
   LOCATION L0004267     VOLUME   466509.035 3777872.675 409.56
   LOCATION L0004268     VOLUME   466504.375 3777865.459 409.43
   LOCATION L0004269     VOLUME   466499.715 3777858.243 409.38
   LOCATION L0004270     VOLUME   466495.055 3777851.026 409.41
   LOCATION L0004271     VOLUME   466490.396 3777843.810 409.38
   LOCATION L0004272     VOLUME   466485.736 3777836.594 409.28
   LOCATION L0004273     VOLUME   466481.076 3777829.378 409.10
   LOCATION L0004274     VOLUME   466476.416 3777822.162 409.10
   LOCATION L0004275     VOLUME   466471.756 3777814.945 409.17
   LOCATION L0004276     VOLUME   466467.096 3777807.729 409.16
   LOCATION L0004277     VOLUME   466462.436 3777800.513 409.08
   LOCATION L0004278     VOLUME   466457.776 3777793.297 409.00
   LOCATION L0004279     VOLUME   466453.116 3777786.081 409.00
   LOCATION L0004280     VOLUME   466448.456 3777778.865 409.02
   LOCATION L0004281     VOLUME   466443.797 3777771.648 409.04
   LOCATION L0004282     VOLUME   466439.137 3777764.432 408.96
   LOCATION L0004283     VOLUME   466434.477 3777757.216 408.85
   LOCATION L0004284     VOLUME   466429.817 3777750.000 408.82
   LOCATION L0004285     VOLUME   466425.157 3777742.784 408.86
   LOCATION L0004286     VOLUME   466420.497 3777735.567 408.96
   LOCATION L0004287     VOLUME   466415.837 3777728.351 408.91
   LOCATION L0004288     VOLUME   466413.222 3777721.622 408.84
   LOCATION L0004289     VOLUME   466420.633 3777717.277 408.36
   LOCATION L0004290     VOLUME   466428.044 3777712.933 408.16
   LOCATION L0004291     VOLUME   466433.348 3777717.172 408.20
   LOCATION L0004292     VOLUME   466437.906 3777724.453 408.24
   LOCATION L0004293     VOLUME   466442.464 3777731.734 408.21
   LOCATION L0004294     VOLUME   466447.022 3777739.015 408.18
   LOCATION L0004295     VOLUME   466451.580 3777746.296 408.34
   LOCATION L0004296     VOLUME   466456.138 3777753.577 408.58
   LOCATION L0004297     VOLUME   466460.696 3777760.858 408.82
   LOCATION L0004298     VOLUME   466465.254 3777768.139 409.00
   LOCATION L0004299     VOLUME   466469.812 3777775.420 409.00
   LOCATION L0004300     VOLUME   466474.370 3777782.701 409.00
   LOCATION L0004301     VOLUME   466478.928 3777789.982 409.00
   LOCATION L0004302     VOLUME   466483.486 3777797.263 408.88
   LOCATION L0004303     VOLUME   466488.044 3777804.544 408.80
   LOCATION L0004304     VOLUME   466492.602 3777811.825 408.80
   LOCATION L0004305     VOLUME   466497.160 3777819.106 408.86
   LOCATION L0004306     VOLUME   466501.718 3777826.387 409.00
   LOCATION L0004307     VOLUME   466506.276 3777833.668 409.03
   LOCATION L0004308     VOLUME   466510.834 3777840.949 409.00
   LOCATION L0004309     VOLUME   466515.392 3777848.230 409.00
   LOCATION L0004310     VOLUME   466519.950 3777855.511 409.00
   LOCATION L0004311     VOLUME   466524.508 3777862.792 409.22
** End of LINE VOLUME Source ID = SLINE8
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
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** DESCRSRC TTP Idle 6
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.755E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466460.424, 3777902.519, 410.46, 3.49, 4.00
** 466365.995, 3777752.178, 410.42, 3.49, 4.00
** 466380.905, 3777743.480, 410.12, 3.49, 4.00
** 466474.713, 3777893.200, 410.00, 3.49, 4.00
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   LOCATION L0004312     VOLUME   466458.140 3777898.882 410.31
   LOCATION L0004313     VOLUME   466453.571 3777891.608 410.16
   LOCATION L0004314     VOLUME   466449.002 3777884.334 410.03
   LOCATION L0004315     VOLUME   466444.433 3777877.060 410.13
   LOCATION L0004316     VOLUME   466439.864 3777869.785 410.15
   LOCATION L0004317     VOLUME   466435.295 3777862.511 410.10
   LOCATION L0004318     VOLUME   466430.726 3777855.237 410.00
   LOCATION L0004319     VOLUME   466426.157 3777847.963 410.00
   LOCATION L0004320     VOLUME   466421.588 3777840.689 410.00
   LOCATION L0004321     VOLUME   466417.020 3777833.415 410.09
   LOCATION L0004322     VOLUME   466412.451 3777826.141 410.25
   LOCATION L0004323     VOLUME   466407.882 3777818.866 410.30
   LOCATION L0004324     VOLUME   466403.313 3777811.592 410.28
   LOCATION L0004325     VOLUME   466398.744 3777804.318 410.19
   LOCATION L0004326     VOLUME   466394.175 3777797.044 410.02
   LOCATION L0004327     VOLUME   466389.606 3777789.770 410.01
   LOCATION L0004328     VOLUME   466385.037 3777782.496 410.09
   LOCATION L0004329     VOLUME   466380.468 3777775.221 410.09
   LOCATION L0004330     VOLUME   466375.900 3777767.947 410.03
   LOCATION L0004331     VOLUME   466371.331 3777760.673 410.11
   LOCATION L0004332     VOLUME   466366.762 3777753.399 410.33
   LOCATION L0004333     VOLUME   466372.169 3777748.576 410.35
   LOCATION L0004334     VOLUME   466379.588 3777744.248 410.25
   LOCATION L0004335     VOLUME   466384.656 3777749.468 410.10
   LOCATION L0004336     VOLUME   466389.217 3777756.747 410.01
   LOCATION L0004337     VOLUME   466393.778 3777764.027 409.87
   LOCATION L0004338     VOLUME   466398.339 3777771.306 409.76
   LOCATION L0004339     VOLUME   466402.900 3777778.585 409.74
   LOCATION L0004340     VOLUME   466407.461 3777785.864 409.80
   LOCATION L0004341     VOLUME   466412.021 3777793.143 409.92
   LOCATION L0004342     VOLUME   466416.582 3777800.423 410.02
   LOCATION L0004343     VOLUME   466421.143 3777807.702 409.97
   LOCATION L0004344     VOLUME   466425.704 3777814.981 409.93
   LOCATION L0004345     VOLUME   466430.265 3777822.260 409.95
   LOCATION L0004346     VOLUME   466434.826 3777829.539 410.00
   LOCATION L0004347     VOLUME   466439.386 3777836.819 410.00
   LOCATION L0004348     VOLUME   466443.947 3777844.098 410.00
   LOCATION L0004349     VOLUME   466448.508 3777851.377 410.00
   LOCATION L0004350     VOLUME   466453.069 3777858.656 410.00
   LOCATION L0004351     VOLUME   466457.630 3777865.935 410.00
   LOCATION L0004352     VOLUME   466462.191 3777873.215 410.00
   LOCATION L0004353     VOLUME   466466.751 3777880.494 410.00
   LOCATION L0004354     VOLUME   466471.312 3777887.773 410.01
** End of LINE VOLUME Source ID = SLINE9
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC TTP Idle 7
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.668E-06
** Vertical Dimension = 6.99
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** SZINIT = 3.25
** Nodes = 4
** 466333.069, 3777773.921, 410.92, 3.49, 4.00
** 466427.498, 3777922.399, 411.00, 3.49, 4.00
** 466410.724, 3777933.581, 411.64, 3.49, 4.00
** 466330.584, 3777798.771, 411.01, 3.49, 4.00
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   LOCATION L0004355     VOLUME   466335.373 3777777.545 410.89
   LOCATION L0004356     VOLUME   466339.983 3777784.794 410.87
   LOCATION L0004357     VOLUME   466344.593 3777792.042 410.93
   LOCATION L0004358     VOLUME   466349.203 3777799.290 411.00
   LOCATION L0004359     VOLUME   466353.813 3777806.539 411.00
   LOCATION L0004360     VOLUME   466358.422 3777813.787 411.00
   LOCATION L0004361     VOLUME   466363.032 3777821.035 410.98
   LOCATION L0004362     VOLUME   466367.642 3777828.283 411.00
   LOCATION L0004363     VOLUME   466372.252 3777835.532 411.00
   LOCATION L0004364     VOLUME   466376.862 3777842.780 411.00
   LOCATION L0004365     VOLUME   466381.471 3777850.028 411.00
   LOCATION L0004366     VOLUME   466386.081 3777857.277 411.00
   LOCATION L0004367     VOLUME   466390.691 3777864.525 410.98
   LOCATION L0004368     VOLUME   466395.301 3777871.773 410.91
   LOCATION L0004369     VOLUME   466399.911 3777879.022 410.92
   LOCATION L0004370     VOLUME   466404.520 3777886.270 411.00
   LOCATION L0004371     VOLUME   466409.130 3777893.518 411.00
   LOCATION L0004372     VOLUME   466413.740 3777900.766 411.00
   LOCATION L0004373     VOLUME   466418.350 3777908.015 411.00
   LOCATION L0004374     VOLUME   466422.960 3777915.263 411.00
   LOCATION L0004375     VOLUME   466427.387 3777922.473 411.16
   LOCATION L0004376     VOLUME   466420.240 3777927.238 411.36
   LOCATION L0004377     VOLUME   466413.093 3777932.003 411.53
   LOCATION L0004378     VOLUME   466407.789 3777928.644 411.41
   LOCATION L0004379     VOLUME   466403.400 3777921.261 411.17
   LOCATION L0004380     VOLUME   466399.010 3777913.877 411.00
   LOCATION L0004381     VOLUME   466394.621 3777906.493 411.00
   LOCATION L0004382     VOLUME   466390.232 3777899.109 411.00
   LOCATION L0004383     VOLUME   466385.842 3777891.725 411.02
   LOCATION L0004384     VOLUME   466381.453 3777884.341 411.00
   LOCATION L0004385     VOLUME   466377.063 3777876.958 411.00
   LOCATION L0004386     VOLUME   466372.674 3777869.574 411.00
   LOCATION L0004387     VOLUME   466368.284 3777862.190 411.00
   LOCATION L0004388     VOLUME   466363.895 3777854.806 411.00
   LOCATION L0004389     VOLUME   466359.505 3777847.422 411.01
   LOCATION L0004390     VOLUME   466355.116 3777840.039 411.07
   LOCATION L0004391     VOLUME   466350.726 3777832.655 411.07
   LOCATION L0004392     VOLUME   466346.337 3777825.271 411.00
   LOCATION L0004393     VOLUME   466341.947 3777817.887 411.00
   LOCATION L0004394     VOLUME   466337.558 3777810.503 411.00
   LOCATION L0004395     VOLUME   466333.169 3777803.119 411.00
** End of LINE VOLUME Source ID = SLINE10
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC TTP Idle 8
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 6.354E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 466333.690, 3777671.415, 412.98, 3.49, 4.00
** 466368.480, 3777724.221, 411.09, 3.49, 4.00
** 466352.327, 3777733.540, 411.03, 3.49, 4.00
** 466325.614, 3777688.189, 413.05, 3.49, 4.00
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   LOCATION L0004396     VOLUME   466336.053 3777675.002 412.79
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   LOCATION L0004397     VOLUME   466340.779 3777682.175 412.51
   LOCATION L0004398     VOLUME   466345.504 3777689.348 412.27
   LOCATION L0004399     VOLUME   466350.230 3777696.522 412.10
   LOCATION L0004400     VOLUME   466354.956 3777703.695 412.01
   LOCATION L0004401     VOLUME   466359.682 3777710.868 411.84
   LOCATION L0004402     VOLUME   466364.408 3777718.041 411.36
   LOCATION L0004403     VOLUME   466367.450 3777724.816 411.03
   LOCATION L0004404     VOLUME   466360.009 3777729.108 411.23
   LOCATION L0004405     VOLUME   466352.569 3777733.401 411.09
   LOCATION L0004406     VOLUME   466348.109 3777726.379 411.33
   LOCATION L0004407     VOLUME   466343.749 3777718.978 411.57
   LOCATION L0004408     VOLUME   466339.389 3777711.576 411.82
   LOCATION L0004409     VOLUME   466335.030 3777704.175 412.06
   LOCATION L0004410     VOLUME   466330.670 3777696.773 412.31
   LOCATION L0004411     VOLUME   466326.310 3777689.372 412.73
** End of LINE VOLUME Source ID = SLINE11
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC TTP Idle 9
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.431E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 466304.491, 3777729.813, 411.44, 3.49, 4.00
** 466321.886, 3777754.663, 410.94, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0004412     VOLUME   466306.954 3777733.331 411.24
   LOCATION L0004413     VOLUME   466311.880 3777740.368 411.00
   LOCATION L0004414     VOLUME   466316.806 3777747.406 411.00
   LOCATION L0004415     VOLUME   466321.732 3777754.443 411.00
** End of LINE VOLUME Source ID = SLINE12
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC TTP Idle 10
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 6.779E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 466316.916, 3777851.577, 412.04, 3.49, 4.00
** 466395.814, 3777971.478, 412.04, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0004416     VOLUME   466319.277 3777855.165 411.98
   LOCATION L0004417     VOLUME   466323.999 3777862.341 412.00
   LOCATION L0004418     VOLUME   466328.721 3777869.516 412.00
   LOCATION L0004419     VOLUME   466333.443 3777876.692 411.88
   LOCATION L0004420     VOLUME   466338.165 3777883.868 411.72
   LOCATION L0004421     VOLUME   466342.887 3777891.044 411.64
   LOCATION L0004422     VOLUME   466347.608 3777898.220 411.64
   LOCATION L0004423     VOLUME   466352.330 3777905.395 411.73
   LOCATION L0004424     VOLUME   466357.052 3777912.571 411.89
   LOCATION L0004425     VOLUME   466361.774 3777919.747 411.94
   LOCATION L0004426     VOLUME   466366.496 3777926.923 411.86
   LOCATION L0004427     VOLUME   466371.218 3777934.098 411.85
   LOCATION L0004428     VOLUME   466375.940 3777941.274 411.91
   LOCATION L0004429     VOLUME   466380.662 3777948.450 412.02
   LOCATION L0004430     VOLUME   466385.384 3777955.626 412.05
   LOCATION L0004431     VOLUME   466390.105 3777962.802 412.00
   LOCATION L0004432     VOLUME   466394.827 3777969.977 412.00
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** End of LINE VOLUME Source ID = SLINE13
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE14
** DESCRSRC TTP Idle 11
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.665E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 466456.697, 3777970.856, 411.04, 3.49, 4.00
** 467110.248, 3777552.757, 402.00, 3.49, 4.00
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   LOCATION L0004433     VOLUME   466460.315 3777968.542 411.00
   LOCATION L0004434     VOLUME   466467.551 3777963.913 411.00
   LOCATION L0004435     VOLUME   466474.787 3777959.283 411.00
   LOCATION L0004436     VOLUME   466482.023 3777954.654 411.00
   LOCATION L0004437     VOLUME   466489.259 3777950.025 411.00
   LOCATION L0004438     VOLUME   466496.494 3777945.396 410.97
   LOCATION L0004439     VOLUME   466503.730 3777940.767 410.82
   LOCATION L0004440     VOLUME   466510.966 3777936.138 410.64
   LOCATION L0004441     VOLUME   466518.202 3777931.509 410.37
   LOCATION L0004442     VOLUME   466525.438 3777926.880 410.17
   LOCATION L0004443     VOLUME   466532.674 3777922.251 410.05
   LOCATION L0004444     VOLUME   466539.910 3777917.622 410.00
   LOCATION L0004445     VOLUME   466547.146 3777912.992 409.97
   LOCATION L0004446     VOLUME   466554.382 3777908.363 409.87
   LOCATION L0004447     VOLUME   466561.618 3777903.734 409.70
   LOCATION L0004448     VOLUME   466568.854 3777899.105 409.45
   LOCATION L0004449     VOLUME   466576.090 3777894.476 409.28
   LOCATION L0004450     VOLUME   466583.326 3777889.847 409.12
   LOCATION L0004451     VOLUME   466590.562 3777885.218 409.00
   LOCATION L0004452     VOLUME   466597.798 3777880.589 409.00
   LOCATION L0004453     VOLUME   466605.034 3777875.960 409.00
   LOCATION L0004454     VOLUME   466612.270 3777871.330 409.00
   LOCATION L0004455     VOLUME   466619.506 3777866.701 409.00
   LOCATION L0004456     VOLUME   466626.742 3777862.072 409.00
   LOCATION L0004457     VOLUME   466633.978 3777857.443 408.87
   LOCATION L0004458     VOLUME   466641.214 3777852.814 408.55
   LOCATION L0004459     VOLUME   466648.450 3777848.185 408.28
   LOCATION L0004460     VOLUME   466655.686 3777843.556 408.08
   LOCATION L0004461     VOLUME   466662.922 3777838.927 408.00
   LOCATION L0004462     VOLUME   466670.158 3777834.298 408.00
   LOCATION L0004463     VOLUME   466677.394 3777829.669 408.00
   LOCATION L0004464     VOLUME   466684.630 3777825.039 407.96
   LOCATION L0004465     VOLUME   466691.866 3777820.410 407.74
   LOCATION L0004466     VOLUME   466699.102 3777815.781 407.34
   LOCATION L0004467     VOLUME   466706.338 3777811.152 406.95
   LOCATION L0004468     VOLUME   466713.574 3777806.523 406.55
   LOCATION L0004469     VOLUME   466720.810 3777801.894 406.19
   LOCATION L0004470     VOLUME   466728.046 3777797.265 406.04
   LOCATION L0004471     VOLUME   466735.282 3777792.636 406.00
   LOCATION L0004472     VOLUME   466742.518 3777788.007 406.00
   LOCATION L0004473     VOLUME   466749.754 3777783.378 406.00
   LOCATION L0004474     VOLUME   466756.990 3777778.748 406.00
   LOCATION L0004475     VOLUME   466764.226 3777774.119 406.00
   LOCATION L0004476     VOLUME   466771.462 3777769.490 406.00
   LOCATION L0004477     VOLUME   466778.698 3777764.861 405.91
   LOCATION L0004478     VOLUME   466785.934 3777760.232 405.60
   LOCATION L0004479     VOLUME   466793.170 3777755.603 405.29
   LOCATION L0004480     VOLUME   466800.406 3777750.974 404.98
   LOCATION L0004481     VOLUME   466807.642 3777746.345 404.68
   LOCATION L0004482     VOLUME   466814.878 3777741.716 404.50
   LOCATION L0004483     VOLUME   466822.114 3777737.086 404.46
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   LOCATION L0004484     VOLUME   466829.350 3777732.457 404.32
   LOCATION L0004485     VOLUME   466836.586 3777727.828 404.08
   LOCATION L0004486     VOLUME   466843.822 3777723.199 403.81
   LOCATION L0004487     VOLUME   466851.058 3777718.570 403.68
   LOCATION L0004488     VOLUME   466858.294 3777713.941 403.69
   LOCATION L0004489     VOLUME   466865.530 3777709.312 403.85
   LOCATION L0004490     VOLUME   466872.766 3777704.683 403.90
   LOCATION L0004491     VOLUME   466880.002 3777700.054 403.66
   LOCATION L0004492     VOLUME   466887.238 3777695.425 403.49
   LOCATION L0004493     VOLUME   466894.474 3777690.795 403.39
   LOCATION L0004494     VOLUME   466901.710 3777686.166 403.37
   LOCATION L0004495     VOLUME   466908.946 3777681.537 403.43
   LOCATION L0004496     VOLUME   466916.182 3777676.908 403.56
   LOCATION L0004497     VOLUME   466923.418 3777672.279 403.65
   LOCATION L0004498     VOLUME   466930.654 3777667.650 403.71
   LOCATION L0004499     VOLUME   466937.890 3777663.021 403.56
   LOCATION L0004500     VOLUME   466945.126 3777658.392 403.41
   LOCATION L0004501     VOLUME   466952.362 3777653.763 403.25
   LOCATION L0004502     VOLUME   466959.598 3777649.133 403.10
   LOCATION L0004503     VOLUME   466966.834 3777644.504 402.96
   LOCATION L0004504     VOLUME   466974.070 3777639.875 402.89
   LOCATION L0004505     VOLUME   466981.306 3777635.246 402.90
   LOCATION L0004506     VOLUME   466988.542 3777630.617 402.98
   LOCATION L0004507     VOLUME   466995.778 3777625.988 403.00
   LOCATION L0004508     VOLUME   467003.013 3777621.359 403.00
   LOCATION L0004509     VOLUME   467010.249 3777616.730 403.00
   LOCATION L0004510     VOLUME   467017.485 3777612.101 402.87
   LOCATION L0004511     VOLUME   467024.721 3777607.472 402.59
   LOCATION L0004512     VOLUME   467031.957 3777602.842 402.33
   LOCATION L0004513     VOLUME   467039.193 3777598.213 402.14
   LOCATION L0004514     VOLUME   467046.429 3777593.584 402.03
   LOCATION L0004515     VOLUME   467053.665 3777588.955 402.01
   LOCATION L0004516     VOLUME   467060.901 3777584.326 402.00
   LOCATION L0004517     VOLUME   467068.137 3777579.697 402.00
   LOCATION L0004518     VOLUME   467075.373 3777575.068 402.00
   LOCATION L0004519     VOLUME   467082.609 3777570.439 402.00
   LOCATION L0004520     VOLUME   467089.845 3777565.810 402.00
   LOCATION L0004521     VOLUME   467097.081 3777561.180 402.00
   LOCATION L0004522     VOLUME   467104.317 3777556.551 402.00
** End of LINE VOLUME Source ID = SLINE14
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE19
** DESCRSRC Offsite Pepper 100%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 8.612E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 467427.289, 3777316.760, 395.41, 3.49, 6.51
** 467434.154, 3777035.822, 393.12, 3.49, 6.51
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   LOCATION L0004523     VOLUME   467427.460 3777309.762 395.41
   LOCATION L0004524     VOLUME   467427.802 3777295.766 395.40
   LOCATION L0004525     VOLUME   467428.144 3777281.770 395.39
   LOCATION L0004526     VOLUME   467428.486 3777267.775 395.38
   LOCATION L0004527     VOLUME   467428.828 3777253.779 395.34
   LOCATION L0004528     VOLUME   467429.170 3777239.783 395.16
   LOCATION L0004529     VOLUME   467429.512 3777225.787 395.00
   LOCATION L0004530     VOLUME   467429.854 3777211.791 395.00
   LOCATION L0004531     VOLUME   467430.196 3777197.796 395.00
   LOCATION L0004532     VOLUME   467430.538 3777183.800 394.71
   LOCATION L0004533     VOLUME   467430.880 3777169.804 394.38
   LOCATION L0004534     VOLUME   467431.222 3777155.808 394.19
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   LOCATION L0004535     VOLUME   467431.564 3777141.812 394.05
   LOCATION L0004536     VOLUME   467431.906 3777127.816 394.00
   LOCATION L0004537     VOLUME   467432.248 3777113.821 394.00
   LOCATION L0004538     VOLUME   467432.590 3777099.825 394.00
   LOCATION L0004539     VOLUME   467432.932 3777085.829 394.00
   LOCATION L0004540     VOLUME   467433.274 3777071.833 393.89
   LOCATION L0004541     VOLUME   467433.616 3777057.837 393.51
   LOCATION L0004542     VOLUME   467433.958 3777043.842 393.18
** End of LINE VOLUME Source ID = SLINE19
   LOCATION STCK1        POINT      467103.760  3777436.820      401.800
** DESCRSRC Fire Pump
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE20
** DESCRSRC Onsite 1 100%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.763E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
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** 467425.912, 3777349.002, 396.00, 3.49, 4.00
** 467421.959, 3777371.142, 396.00, 3.49, 4.00
** 467406.935, 3777390.910, 396.00, 3.49, 4.00
** 467379.260, 3777407.515, 396.00, 3.49, 4.00
** 467357.911, 3777416.213, 396.14, 3.49, 4.00
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   LOCATION L0005133     VOLUME   467425.912 3777333.421 395.77
   LOCATION L0005134     VOLUME   467425.912 3777342.011 395.93
   LOCATION L0005135     VOLUME   467425.631 3777350.576 396.00
   LOCATION L0005136     VOLUME   467424.121 3777359.033 396.00
   LOCATION L0005137     VOLUME   467422.611 3777367.489 396.00
   LOCATION L0005138     VOLUME   467419.006 3777375.026 396.00
   LOCATION L0005139     VOLUME   467413.809 3777381.865 396.00
   LOCATION L0005140     VOLUME   467408.611 3777388.705 396.00
   LOCATION L0005141     VOLUME   467401.944 3777393.904 396.00
   LOCATION L0005142     VOLUME   467394.578 3777398.324 396.00
   LOCATION L0005143     VOLUME   467387.213 3777402.743 396.00
   LOCATION L0005144     VOLUME   467379.847 3777407.163 396.06
   LOCATION L0005145     VOLUME   467371.939 3777410.498 396.25
   LOCATION L0005146     VOLUME   467363.983 3777413.739 396.37
** End of LINE VOLUME Source ID = SLINE20
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE21
** DESCRSRC Onsite 2 50%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00007432
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 14
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** 466508.856, 3777964.331, 411.00, 3.49, 4.00
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** 466422.691, 3777999.811, 412.04, 3.49, 4.00
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** 466417.622, 3777975.192, 412.00, 3.49, 4.00
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   LOCATION L0005148     VOLUME   467344.460 3777430.407 397.17
   LOCATION L0005149     VOLUME   467337.232 3777435.047 397.80
   LOCATION L0005150     VOLUME   467330.003 3777439.688 398.40
   LOCATION L0005151     VOLUME   467322.775 3777444.329 398.86
   LOCATION L0005152     VOLUME   467315.546 3777448.970 399.06
   LOCATION L0005153     VOLUME   467308.318 3777453.611 399.22
   LOCATION L0005154     VOLUME   467301.089 3777458.252 399.46
   LOCATION L0005155     VOLUME   467293.861 3777462.893 399.77
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   LOCATION L0005157     VOLUME   467279.404 3777472.174 400.00
   LOCATION L0005158     VOLUME   467272.176 3777476.815 400.00
   LOCATION L0005159     VOLUME   467264.947 3777481.456 400.00
   LOCATION L0005160     VOLUME   467257.719 3777486.097 400.05
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   LOCATION L0005165     VOLUME   467221.576 3777509.301 401.12
   LOCATION L0005166     VOLUME   467214.348 3777513.942 401.31
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** End of LINE VOLUME Source ID = SLINE21
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE22
** DESCRSRC Onsite 3 50%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00003954
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 14
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** DESCRSRC Onsite 4 100%
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 0.0001147
** Vertical Dimension = 6.99
** SZINIT = 3.25
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LOCATION L0005704 VOLUME 466586.474 3777525.460 405.00
LOCATION L0005705 VOLUME 466593.736 3777520.872 405.00
LOCATION L0005706 VOLUME 466600.998 3777516.284 404.96
LOCATION L0005707 VOLUME 466608.260 3777511.696 404.72
LOCATION L0005708 VOLUME 466615.522 3777507.108 404.48
LOCATION L0005709 VOLUME 466622.784 3777502.519 404.24
LOCATION L0005710 VOLUME 466626.108 3777497.004 404.12
LOCATION L0005711 VOLUME 466621.656 3777489.658 404.27
LOCATION L0005712 VOLUME 466617.204 3777482.312 404.42
LOCATION L0005713 VOLUME 466612.474 3777475.884 404.58
LOCATION L0005714 VOLUME 466604.698 3777479.534 404.84
LOCATION L0005715 VOLUME 466596.922 3777483.183 405.00
LOCATION L0005716 VOLUME 466589.146 3777486.833 405.00
LOCATION L0005717 VOLUME 466581.370 3777490.483 405.00
LOCATION L0005718 VOLUME 466573.183 3777491.898 405.00
LOCATION L0005719 VOLUME 466564.617 3777491.256 405.17
LOCATION L0005720 VOLUME 466556.051 3777490.613 405.46
LOCATION L0005721 VOLUME 466547.668 3777490.702 405.74
LOCATION L0005722 VOLUME 466540.413 3777495.301 405.98
LOCATION L0005723 VOLUME 466533.158 3777499.901 406.20
LOCATION L0005724 VOLUME 466525.903 3777504.500 406.34
LOCATION L0005725 VOLUME 466518.648 3777509.099 406.40
LOCATION L0005726 VOLUME 466511.393 3777513.698 406.40
LOCATION L0005727 VOLUME 466504.138 3777518.297 406.40
LOCATION L0005728 VOLUME 466496.883 3777522.896 406.49
LOCATION L0005729 VOLUME 466489.628 3777527.496 406.67
LOCATION L0005730 VOLUME 466482.373 3777532.095 406.92
LOCATION L0005731 VOLUME 466475.118 3777536.694 407.00
LOCATION L0005732 VOLUME 466467.863 3777541.293 407.00
LOCATION L0005733 VOLUME 466460.608 3777545.892 407.00
LOCATION L0005734 VOLUME 466453.353 3777550.492 407.00
LOCATION L0005735 VOLUME 466446.097 3777555.091 407.12
LOCATION L0005736 VOLUME 466438.842 3777559.690 407.44
LOCATION L0005737 VOLUME 466431.587 3777564.289 407.71
LOCATION L0005738 VOLUME 466424.332 3777568.888 407.91
LOCATION L0005739 VOLUME 466417.077 3777573.487 408.09
LOCATION L0005740 VOLUME 466409.822 3777578.087 408.33
LOCATION L0005741 VOLUME 466402.567 3777582.686 408.58
LOCATION L0005742 VOLUME 466395.312 3777587.285 408.85

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   LOCATION L0005743     VOLUME   466388.057 3777591.884 409.35
** End of LINE VOLUME Source ID = SLINE23
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0003953     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003954     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003955     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003956     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003957     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003958     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003959     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003960     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003961     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003962     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003963     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003964     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003965     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003966     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003967     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003968     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003969     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003970     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003971     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003972     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003973     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003974     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003975     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003976     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003977     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003978     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003979     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003980     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003981     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003982     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003983     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003984     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003985     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003986     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003987     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003988     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003989     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003990     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003991     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003992     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003993     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003994     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003995     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003996     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003997     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003998     0.000000348      3.49      4.00      3.25
   SRCPARAM L0003999     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004000     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004001     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004002     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004003     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004004     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004005     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004006     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004007     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004008     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004009     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004010     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004011     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004012     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004013     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004014     0.000000348      3.49      4.00      3.25
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   SRCPARAM L0004015     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004016     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004017     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004018     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004019     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004020     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004021     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004022     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004023     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004024     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004025     0.000000348      3.49      4.00      3.25
   SRCPARAM L0004026     0.000000348      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0004027     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004028     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004029     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004030     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004031     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004032     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004033     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004034     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004035     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004036     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004037     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004038     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004039     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004040     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004041     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004042     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004043     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004044     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004045     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004046     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004047     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004048     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004049     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004050     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004051     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004052     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004053     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004054     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004055     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004056     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004057     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004058     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004059     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004060     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004061     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004062     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004063     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004064     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004065     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004066     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004067     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004068     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004069     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004070     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004071     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004072     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004073     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004074     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004075     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004076     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004077     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004078     0.0000003483      3.49      4.00      3.25
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   SRCPARAM L0004079     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004080     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004081     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004082     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004083     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004084     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004085     0.0000003483      3.49      4.00      3.25
   SRCPARAM L0004086     0.0000003483      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0004087     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004088     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004089     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004090     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004091     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004092     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004093     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004094     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004095     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004096     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004097     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004098     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004099     0.0000003331      3.49      4.00      3.25
   SRCPARAM L0004100     0.0000003331      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0004101     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004102     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004103     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004104     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004105     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004106     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004107     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004108     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004109     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004110     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004111     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004112     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004113     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004114     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004115     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004116     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004117     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004118     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004119     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004120     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004121     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004122     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004123     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004124     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004125     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004126     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004127     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004128     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004129     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004130     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004131     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004132     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004133     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004134     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004135     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004136     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004137     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004138     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004139     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004140     0.00000004057      3.49      4.00      3.25
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   SRCPARAM L0004141     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004142     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004143     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004144     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004145     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004146     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004147     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004148     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004149     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004150     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004151     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004152     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004153     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004154     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004155     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004156     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004157     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004158     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004159     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004160     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004161     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004162     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004163     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004164     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004165     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004166     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004167     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004168     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004169     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004170     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004171     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004172     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004173     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004174     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004175     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004176     0.00000004057      3.49      4.00      3.25
   SRCPARAM L0004177     0.00000004057      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0004178     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004179     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004180     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004181     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004182     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004183     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004184     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004185     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004186     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004187     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004188     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004189     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004190     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004191     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004192     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004193     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004194     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004195     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004196     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004197     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004198     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004199     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004200     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004201     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004202     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004203     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004204     0.00000004083      3.49      4.00      3.25
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   SRCPARAM L0004205     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004206     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004207     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004208     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004209     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004210     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004211     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004212     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004213     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004214     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004215     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004216     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004217     0.00000004083      3.49      4.00      3.25
   SRCPARAM L0004218     0.00000004083      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0004219     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004220     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004221     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004222     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004223     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004224     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004225     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004226     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004227     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004228     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004229     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004230     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004231     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004232     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004233     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004234     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004235     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004236     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004237     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004238     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004239     0.00000004114      3.49      4.00      3.25
   SRCPARAM L0004240     0.00000004114      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0004241     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004242     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004243     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004244     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004245     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004246     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004247     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004248     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004249     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004250     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004251     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004252     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004253     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004254     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004255     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004256     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004257     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004258     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004259     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004260     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004261     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004262     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004263     0.00000003995      3.49      4.00      3.25
   SRCPARAM L0004264     0.00000003995      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE8
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   SRCPARAM L0004265     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004266     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004267     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004268     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004269     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004270     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004271     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004272     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004273     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004274     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004275     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004276     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004277     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004278     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004279     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004280     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004281     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004282     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004283     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004284     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004285     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004286     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004287     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004288     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004289     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004290     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004291     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004292     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004293     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004294     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004295     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004296     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004297     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004298     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004299     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004300     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004301     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004302     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004303     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004304     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004305     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004306     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004307     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004308     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004309     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004310     0.00000004036      3.49      4.00      3.25
   SRCPARAM L0004311     0.00000004036      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0004312     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004313     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004314     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004315     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004316     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004317     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004318     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004319     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004320     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004321     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004322     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004323     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004324     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004325     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004326     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004327     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004328     0.00000004081      3.49      4.00      3.25
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   SRCPARAM L0004329     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004330     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004331     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004332     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004333     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004334     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004335     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004336     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004337     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004338     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004339     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004340     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004341     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004342     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004343     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004344     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004345     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004346     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004347     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004348     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004349     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004350     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004351     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004352     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004353     0.00000004081      3.49      4.00      3.25
   SRCPARAM L0004354     0.00000004081      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0004355     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004356     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004357     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004358     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004359     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004360     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004361     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004362     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004363     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004364     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004365     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004366     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004367     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004368     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004369     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004370     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004371     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004372     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004373     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004374     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004375     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004376     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004377     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004378     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004379     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004380     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004381     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004382     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004383     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004384     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004385     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004386     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004387     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004388     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004389     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004390     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004391     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004392     0.00000004068      3.49      4.00      3.25
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   SRCPARAM L0004393     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004394     0.00000004068      3.49      4.00      3.25
   SRCPARAM L0004395     0.00000004068      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0004396     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004397     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004398     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004399     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004400     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004401     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004402     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004403     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004404     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004405     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004406     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004407     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004408     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004409     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004410     0.00000003971      3.49      4.00      3.25
   SRCPARAM L0004411     0.00000003971      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE12
   SRCPARAM L0004412     0.00000003578      3.49      4.00      3.25
   SRCPARAM L0004413     0.00000003578      3.49      4.00      3.25
   SRCPARAM L0004414     0.00000003578      3.49      4.00      3.25
   SRCPARAM L0004415     0.00000003578      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE13
   SRCPARAM L0004416     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004417     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004418     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004419     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004420     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004421     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004422     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004423     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004424     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004425     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004426     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004427     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004428     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004429     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004430     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004431     0.00000003988      3.49      4.00      3.25
   SRCPARAM L0004432     0.00000003988      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE14
   SRCPARAM L0004433     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004434     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004435     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004436     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004437     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004438     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004439     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004440     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004441     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004442     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004443     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004444     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004445     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004446     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004447     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004448     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004449     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004450     0.00000004072      3.49      4.00      3.25
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SRCPARAM L0004451     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004452     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004453     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004454     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004455     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004456     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004457     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004458     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004459     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004460     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004461     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004462     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004463     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004464     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004465     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004466     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004467     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004468     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004469     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004470     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004471     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004472     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004473     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004474     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004475     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004476     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004477     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004478     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004479     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004480     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004481     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004482     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004483     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004484     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004485     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004486     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004487     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004488     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004489     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004490     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004491     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004492     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004493     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004494     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004495     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004496     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004497     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004498     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004499     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004500     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004501     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004502     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004503     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004504     0.00000004072      3.49      4.00      3.25
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SRCPARAM L0004506     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004507     0.00000004072      3.49      4.00      3.25
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SRCPARAM L0004510     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004511     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004512     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004513     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004514     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004515     0.00000004072      3.49      4.00      3.25
SRCPARAM L0004516     0.00000004072      3.49      4.00      3.25
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   SRCPARAM L0004517     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004518     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004519     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004520     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004521     0.00000004072      3.49      4.00      3.25
   SRCPARAM L0004522     0.00000004072      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE19
   SRCPARAM L0004523     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004524     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004525     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004526     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004527     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004528     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004529     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004530     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004531     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004532     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004533     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004534     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004535     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004536     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004537     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004538     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004539     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004540     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004541     0.0000004306      3.49      6.51      3.25
   SRCPARAM L0004542     0.0000004306      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM STCK1        0.0176397033     3.550   728.550     54.78      0.13
** LINE VOLUME Source ID = SLINE20
   SRCPARAM L0005132     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005133     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005134     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005135     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005136     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005137     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005138     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005139     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005140     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005141     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005142     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005143     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005144     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005145     0.0000005842      3.49      4.00      3.25
   SRCPARAM L0005146     0.0000005842      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE21
   SRCPARAM L0005147     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005148     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005149     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005150     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005151     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005152     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005153     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005154     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005155     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005156     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005157     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005158     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005159     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005160     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005161     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005162     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005163     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005164     0.0000002869      3.49      4.00      3.25
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SRCPARAM L0005165     0.0000002869      3.49      4.00      3.25
SRCPARAM L0005166     0.0000002869      3.49      4.00      3.25
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SRCPARAM L0005168     0.0000002869      3.49      4.00      3.25
SRCPARAM L0005169     0.0000002869      3.49      4.00      3.25
SRCPARAM L0005170     0.0000002869      3.49      4.00      3.25
SRCPARAM L0005171     0.0000002869      3.49      4.00      3.25
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   SRCPARAM L0005363     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005364     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005365     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005366     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005367     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005368     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005369     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005370     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005371     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005372     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005373     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005374     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005375     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005376     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005377     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005378     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005379     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005380     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005381     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005382     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005383     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005384     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005385     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005386     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005387     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005388     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005389     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005390     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005391     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005392     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005393     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005394     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005395     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005396     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005397     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005398     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005399     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005400     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005401     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005402     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005403     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005404     0.0000002869      3.49      4.00      3.25
   SRCPARAM L0005405     0.0000002869      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE22
   SRCPARAM L0005406     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005407     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005408     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005409     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005410     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005411     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005412     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005413     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005414     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005415     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005416     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005417     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005418     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005419     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005420     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005421     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005422     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005423     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005424     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005425     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005426     0.0000002865      3.49      4.00      3.25
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SRCPARAM L0005427     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005428     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005429     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005430     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005431     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005432     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005433     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005434     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005435     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005436     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005437     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005438     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005439     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005440     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005441     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005442     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005443     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005444     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005445     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005446     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005447     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005448     0.0000002865      3.49      4.00      3.25
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SRCPARAM L0005450     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005451     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005452     0.0000002865      3.49      4.00      3.25
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SRCPARAM L0005455     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005456     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005457     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005458     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005459     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005460     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005461     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005462     0.0000002865      3.49      4.00      3.25
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SRCPARAM L0005464     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005465     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005466     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005467     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005468     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005469     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005470     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005471     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005472     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005473     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005474     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005475     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005476     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005477     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005478     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005479     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005480     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005481     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005482     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005483     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005484     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005485     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005486     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005487     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005488     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005489     0.0000002865      3.49      4.00      3.25
SRCPARAM L0005490     0.0000002865      3.49      4.00      3.25
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SRCPARAM L0005492     0.0000002865      3.49      4.00      3.25
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   SRCPARAM L0005493     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005494     0.0000002865      3.49      4.00      3.25
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   SRCPARAM L0005497     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005498     0.0000002865      3.49      4.00      3.25
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   SRCPARAM L0005507     0.0000002865      3.49      4.00      3.25
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   SRCPARAM L0005509     0.0000002865      3.49      4.00      3.25
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   SRCPARAM L0005511     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005512     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005513     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005514     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005515     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005516     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005517     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005518     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005519     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005520     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005521     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005522     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005523     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005524     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005525     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005526     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005527     0.0000002865      3.49      4.00      3.25
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   SRCPARAM L0005529     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005530     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005531     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005532     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005533     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005534     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005535     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005536     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005537     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005538     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005539     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005540     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005541     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005542     0.0000002865      3.49      4.00      3.25
   SRCPARAM L0005543     0.0000002865      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE23
   SRCPARAM L0005544     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005545     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005546     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005547     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005548     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005549     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005550     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005551     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005552     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005553     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005554     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005555     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005556     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005557     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005558     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005559     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005560     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005563     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005564     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005568     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005571     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005572     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005573     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005574     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005575     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005576     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005577     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005578     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005616     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005617     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005618     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005619     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005620     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005622     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005629     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005630     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005631     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005632     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005633     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005634     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005635     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005636     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005637     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005638     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005639     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005640     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005641     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005642     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005643     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005644     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005645     0.0000005735      3.49      4.00      3.25
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SRCPARAM L0005648     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005649     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005650     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005651     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005652     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005653     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005654     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005655     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005656     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005657     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005658     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005659     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005660     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005661     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005662     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005663     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005664     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005665     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005666     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005667     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005668     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005669     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005670     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005671     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005672     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005673     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005674     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005675     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005676     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005677     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005678     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005679     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005680     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005681     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005682     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005683     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005684     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005685     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005686     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005687     0.0000005735      3.49      4.00      3.25
SRCPARAM L0005688     0.0000005735      3.49      4.00      3.25
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   SRCPARAM L0005689     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005690     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005691     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005692     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005693     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005694     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005695     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005696     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005697     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005698     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005699     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005700     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005701     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005702     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005703     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005704     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005705     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005706     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005707     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005708     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005709     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005710     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005711     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005712     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005713     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005714     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005715     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005716     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005717     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005718     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005719     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005720     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005721     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005722     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005723     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005724     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005725     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005726     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005727     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005728     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005729     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005730     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005731     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005732     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005733     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005734     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005735     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005736     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005737     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005738     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005739     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005740     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005741     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005742     0.0000005735      3.49      4.00      3.25
   SRCPARAM L0005743     0.0000005735      3.49      4.00      3.25
** ------------------------------------------------------------------------

** Building Downwash **
   BUILDHGT STCK1           16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT STCK1           16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT STCK1           16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT STCK1           16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT STCK1           16.76    16.76    16.76    16.76    16.76    16.76
   BUILDHGT STCK1           16.76    16.76    16.76    16.76    16.76    16.76

   BUILDWID STCK1          667.14   680.99   674.14   683.82   680.01   655.97
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   BUILDWID STCK1          616.75   558.78   483.84   396.45   302.73   199.81
   BUILDWID STCK1          251.77   348.82   436.47   510.86   579.68   633.03
   BUILDWID STCK1          667.14   680.99   674.14   683.82   680.01   655.97
   BUILDWID STCK1          616.75   558.78   483.84   396.45   302.73   199.81
   BUILDWID STCK1          251.77   348.82   436.47   510.86   579.68   633.03

   BUILDLEN STCK1          396.45   302.73   199.81   251.77   348.82   436.47
   BUILDLEN STCK1          510.86   579.68   633.03   667.14   680.99   674.14
   BUILDLEN STCK1          683.82   680.01   655.97   616.75   558.78   483.84
   BUILDLEN STCK1          396.45   302.73   199.81   251.77   348.82   436.47
   BUILDLEN STCK1          510.86   579.68   633.03   667.14   680.99   674.14
   BUILDLEN STCK1          683.82   680.01   655.97   616.75   558.78   483.84

   XBADJ    STCK1          -90.57  -105.12  -116.49  -198.12  -298.06  -388.95
   XBADJ    STCK1         -468.01  -542.82  -603.27  -645.39  -667.90  -670.12
   XBADJ    STCK1         -669.75  -653.76  -617.91  -563.28  -491.54  -404.86
   XBADJ    STCK1         -305.88  -197.61   -83.33   -53.65   -50.76   -47.52
   XBADJ    STCK1          -42.84   -36.86   -29.76   -21.75   -13.09    -4.02
   XBADJ    STCK1          -14.07   -26.25   -38.06   -53.47   -67.24   -78.98

   YBADJ    STCK1          311.82   327.41   333.05   327.84   313.76   289.92
   YBADJ    STCK1          254.91   212.15   162.94   107.66    46.24   -16.58
   YBADJ    STCK1          -72.23  -123.65  -170.71  -212.59  -252.98  -286.76
   YBADJ    STCK1         -311.82  -327.41  -333.05  -327.84  -313.76  -289.92
   YBADJ    STCK1         -254.91  -212.15  -162.94  -107.66   -46.24    16.58
   YBADJ    STCK1           72.23   123.65   170.71   212.59   252.98   286.76

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14324 Ops.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
   SURFFILE FONT_v9.SFC
   PROFFILE FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14324 Ops.AD\PE00GALL.PLT" 31
   SUMMFILE "14324 Ops.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320    2207        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
 ME W186    2914       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used         0.50
 ME W187    2914       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:09:04

                      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  1203 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:   1203 Source(s);       1 Source Group(s); and     136 Receptor(s)

               with:      1 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:   1202 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 PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  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 =      7.2 MB of RAM.

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

 **Detailed Error/Message File:   14324
 Ops.err
 **File for Summary of Results:   14324
 Ops.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:09:04

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

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE STACK PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	HOR VARY BY	CAP/ SCALAR
STCK1	0	0.17640E-01	467103.8	3777436.8	401.8	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT SOURCE	SCALAR VARY BY
L0003953	0	0.34800E-06	466579.8	3777845.3	408.6	3.49	4.00	3.25	YES	NO	
L0003954	0	0.34800E-06	466587.0	3777840.7	408.5	3.49	4.00	3.25	YES	NO	
L0003955	0	0.34800E-06	466594.2	3777836.1	408.3	3.49	4.00	3.25	YES	NO	
L0003956	0	0.34800E-06	466601.5	3777831.5	408.2	3.49	4.00	3.25	YES	NO	
L0003957	0	0.34800E-06	466608.7	3777826.9	408.0	3.49	4.00	3.25	YES	NO	
L0003958	0	0.34800E-06	466616.0	3777822.2	408.0	3.49	4.00	3.25	YES	NO	
L0003959	0	0.34800E-06	466623.2	3777817.6	408.0	3.49	4.00	3.25	YES	NO	
L0003960	0	0.34800E-06	466630.5	3777813.0	408.0	3.49	4.00	3.25	YES	NO	
L0003961	0	0.34800E-06	466637.7	3777808.4	407.8	3.49	4.00	3.25	YES	NO	
L0003962	0	0.34800E-06	466644.9	3777803.8	407.6	3.49	4.00	3.25	YES	NO	
L0003963	0	0.34800E-06	466652.2	3777799.1	407.3	3.49	4.00	3.25	YES	NO	
L0003964	0	0.34800E-06	466659.4	3777794.5	407.0	3.49	4.00	3.25	YES	NO	
L0003965	0	0.34800E-06	466666.7	3777789.9	406.8	3.49	4.00	3.25	YES	NO	
L0003966	0	0.34800E-06	466673.9	3777785.3	406.6	3.49	4.00	3.25	YES	NO	
L0003967	0	0.34800E-06	466681.2	3777780.7	406.5	3.49	4.00	3.25	YES	NO	
L0003968	0	0.34800E-06	466688.4	3777776.0	406.3	3.49	4.00	3.25			

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 YES                    NO
 L0003969         0   0.34800E-06  466695.6 3777771.4   406.1     3.49     4.00     3.25
 YES                    NO
 L0003970         0   0.34800E-06  466702.9 3777766.8   406.0     3.49     4.00     3.25
 YES                    NO
 L0003971         0   0.34800E-06  466710.1 3777762.2   405.9     3.49     4.00     3.25
 YES                    NO
 L0003972         0   0.34800E-06  466717.4 3777757.6   405.7     3.49     4.00     3.25
 YES                    NO
 L0003973         0   0.34800E-06  466724.6 3777753.0   405.5     3.49     4.00     3.25
 YES                    NO
 L0003974         0   0.34800E-06  466731.9 3777748.3   405.2     3.49     4.00     3.25
 YES                    NO
 L0003975         0   0.34800E-06  466739.1 3777743.7   404.8     3.49     4.00     3.25
 YES                    NO
 L0003976         0   0.34800E-06  466746.3 3777739.1   404.3     3.49     4.00     3.25
 YES                    NO
 L0003977         0   0.34800E-06  466753.6 3777734.5   403.9     3.49     4.00     3.25
 YES                    NO
 L0003978         0   0.34800E-06  466760.8 3777729.9   403.6     3.49     4.00     3.25
 YES                    NO
 L0003979         0   0.34800E-06  466768.1 3777725.2   403.3     3.49     4.00     3.25
 YES                    NO
 L0003980         0   0.34800E-06  466775.3 3777720.6   403.0     3.49     4.00     3.25
 YES                    NO
 L0003981         0   0.34800E-06  466782.6 3777716.0   402.7     3.49     4.00     3.25
 YES                    NO
 L0003982         0   0.34800E-06  466789.8 3777711.4   402.3     3.49     4.00     3.25
 YES                    NO
 L0003983         0   0.34800E-06  466797.0 3777706.8   402.0     3.49     4.00     3.25
 YES                    NO
 L0003984         0   0.34800E-06  466804.3 3777702.1   401.9     3.49     4.00     3.25
 YES                    NO
 L0003985         0   0.34800E-06  466811.5 3777697.5   401.7     3.49     4.00     3.25
 YES                    NO
 L0003986         0   0.34800E-06  466818.8 3777692.9   401.7     3.49     4.00     3.25
 YES                    NO
 L0003987         0   0.34800E-06  466826.0 3777688.3   401.7     3.49     4.00     3.25
 YES                    NO
 L0003988         0   0.34800E-06  466833.2 3777683.7   401.8     3.49     4.00     3.25
 YES                    NO
 L0003989         0   0.34800E-06  466840.5 3777679.1   402.0     3.49     4.00     3.25
 YES                    NO
 L0003990         0   0.34800E-06  466847.7 3777674.4   402.0     3.49     4.00     3.25
 YES                    NO
 L0003991         0   0.34800E-06  466855.0 3777669.8   401.9     3.49     4.00     3.25
 YES                    NO
 L0003992         0   0.34800E-06  466862.2 3777665.2   401.9     3.49     4.00     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:09:04

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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L0003993	0	0.34800E-06	466869.5	3777660.6	402.0	3.49	4.00	3.25	YES	NO
L0003994	0	0.34800E-06	466876.7	3777656.0	402.1	3.49	4.00	3.25	YES	NO
L0003995	0	0.34800E-06	466883.9	3777651.3	402.1	3.49	4.00	3.25	YES	NO
L0003996	0	0.34800E-06	466891.2	3777646.7	402.0	3.49	4.00	3.25	YES	NO
L0003997	0	0.34800E-06	466898.4	3777642.1	402.0	3.49	4.00	3.25	YES	NO
L0003998	0	0.34800E-06	466905.7	3777637.5	402.1	3.49	4.00	3.25	YES	NO
L0003999	0	0.34800E-06	466912.9	3777632.9	402.2	3.49	4.00	3.25	YES	NO
L0004000	0	0.34800E-06	466920.2	3777628.2	402.3	3.49	4.00	3.25	YES	NO
L0004001	0	0.34800E-06	466927.4	3777623.6	402.2	3.49	4.00	3.25	YES	NO
L0004002	0	0.34800E-06	466934.6	3777619.0	402.1	3.49	4.00	3.25	YES	NO
L0004003	0	0.34800E-06	466941.9	3777614.4	402.0	3.49	4.00	3.25	YES	NO
L0004004	0	0.34800E-06	466949.1	3777609.8	402.0	3.49	4.00	3.25	YES	NO
L0004005	0	0.34800E-06	466956.4	3777605.2	402.0	3.49	4.00	3.25	YES	NO
L0004006	0	0.34800E-06	466963.6	3777600.5	402.1	3.49	4.00	3.25	YES	NO
L0004007	0	0.34800E-06	466970.9	3777595.9	402.4	3.49	4.00	3.25	YES	NO
L0004008	0	0.34800E-06	466978.1	3777591.3	402.6	3.49	4.00	3.25	YES	NO
L0004009	0	0.34800E-06	466985.3	3777586.7	402.9	3.49	4.00	3.25	YES	NO
L0004010	0	0.34800E-06	466992.6	3777582.1	402.9	3.49	4.00	3.25	YES	NO
L0004011	0	0.34800E-06	466999.8	3777577.4	402.7	3.49	4.00	3.25	YES	NO
L0004012	0	0.34800E-06	467007.1	3777572.8	402.4	3.49	4.00	3.25	YES	NO
L0004013	0	0.34800E-06	467014.3	3777568.2	402.2	3.49	4.00	3.25	YES	NO
L0004014	0	0.34800E-06	467021.6	3777563.6	402.0	3.49	4.00	3.25	YES	NO
L0004015	0	0.34800E-06	467028.8	3777559.0	402.0	3.49	4.00	3.25	YES	NO
L0004016	0	0.34800E-06	467036.0	3777554.3	402.0	3.49	4.00	3.25	YES	NO
L0004017	0	0.34800E-06	467043.3	3777549.7	402.0	3.49	4.00	3.25	YES	NO
L0004018	0	0.34800E-06	467050.5	3777545.1	402.0	3.49	4.00	3.25	YES	NO
L0004019	0	0.34800E-06	467057.8	3777540.5	402.0	3.49	4.00	3.25	YES	NO
L0004020	0	0.34800E-06	467065.0	3777535.9	402.0	3.49	4.00	3.25	YES	NO
L0004021	0	0.34800E-06	467072.3	3777531.2	402.0	3.49	4.00	3.25	YES	NO
L0004022	0	0.34800E-06	467079.5	3777526.6	402.0	3.49	4.00	3.25	YES	NO
L0004023	0	0.34800E-06	467086.7	3777522.0	402.0	3.49	4.00	3.25	YES	NO
L0004024	0	0.34800E-06	467094.0	3777517.4	402.0	3.49	4.00	3.25		

YES NO
L0004025 0 0.34800E-06 467101.2 3777512.8 402.0 3.49 4.00 3.25
YES NO
L0004026 0 0.34800E-06 467108.5 3777508.2 402.0 3.49 4.00 3.25
YES NO
L0004027 0 0.34830E-06 466523.7 3777656.4 406.5 3.49 4.00 3.25
YES NO
L0004028 0 0.34830E-06 466530.9 3777651.8 406.3 3.49 4.00 3.25
YES NO
L0004029 0 0.34830E-06 466538.2 3777647.2 406.1 3.49 4.00 3.25
YES NO
L0004030 0 0.34830E-06 466545.4 3777642.6 406.0 3.49 4.00 3.25
YES NO
L0004031 0 0.34830E-06 466552.7 3777638.0 405.9 3.49 4.00 3.25
YES NO
L0004032 0 0.34830E-06 466559.9 3777633.3 405.7 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0004033	0	0.34830E-06	466567.2	3777628.7	405.5	3.49	4.00	3.25	YES NO
L0004034	0	0.34830E-06	466574.4	3777624.1	405.1	3.49	4.00	3.25	YES NO
L0004035	0	0.34830E-06	466581.7	3777619.5	404.7	3.49	4.00	3.25	YES NO
L0004036	0	0.34830E-06	466588.9	3777614.9	404.4	3.49	4.00	3.25	YES NO
L0004037	0	0.34830E-06	466596.2	3777610.3	404.1	3.49	4.00	3.25	YES NO
L0004038	0	0.34830E-06	466603.4	3777605.7	403.9	3.49	4.00	3.25	YES NO
L0004039	0	0.34830E-06	466610.7	3777601.1	403.6	3.49	4.00	3.25	YES NO
L0004040	0	0.34830E-06	466617.9	3777596.5	403.4	3.49	4.00	3.25	YES NO
L0004041	0	0.34830E-06	466625.2	3777591.9	403.2	3.49	4.00	3.25	YES NO
L0004042	0	0.34830E-06	466632.4	3777587.3	402.9	3.49	4.00	3.25	YES NO
L0004043	0	0.34830E-06	466639.7	3777582.7	402.8	3.49	4.00	3.25	YES NO
L0004044	0	0.34830E-06	466646.9	3777578.1	402.7	3.49	4.00	3.25	YES NO
L0004045	0	0.34830E-06	466654.2	3777573.5	402.6	3.49	4.00	3.25	YES NO
L0004046	0	0.34830E-06	466661.4	3777568.9	402.6	3.49	4.00	3.25	YES NO
L0004047	0	0.34830E-06	466668.7	3777564.3	402.5	3.49	4.00	3.25	

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 YES                  NO
 L0004048         0   0.34830E-06  466675.9 3777559.7   402.4     3.49     4.00     3.25
 YES                  NO
 L0004049         0   0.34830E-06  466683.2 3777555.0   402.2     3.49     4.00     3.25
 YES                  NO
 L0004050         0   0.34830E-06  466690.4 3777550.4   402.2     3.49     4.00     3.25
 YES                  NO
 L0004051         0   0.34830E-06  466697.7 3777545.8   402.4     3.49     4.00     3.25
 YES                  NO
 L0004052         0   0.34830E-06  466704.9 3777541.2   402.5     3.49     4.00     3.25
 YES                  NO
 L0004053         0   0.34830E-06  466712.2 3777536.6   402.7     3.49     4.00     3.25
 YES                  NO
 L0004054         0   0.34830E-06  466719.4 3777532.0   402.8     3.49     4.00     3.25
 YES                  NO
 L0004055         0   0.34830E-06  466726.7 3777527.4   403.0     3.49     4.00     3.25
 YES                  NO
 L0004056         0   0.34830E-06  466733.9 3777522.8   403.0     3.49     4.00     3.25
 YES                  NO
 L0004057         0   0.34830E-06  466741.2 3777518.2   403.0     3.49     4.00     3.25
 YES                  NO
 L0004058         0   0.34830E-06  466748.4 3777513.6   403.0     3.49     4.00     3.25
 YES                  NO
 L0004059         0   0.34830E-06  466755.7 3777509.0   402.9     3.49     4.00     3.25
 YES                  NO
 L0004060         0   0.34830E-06  466762.9 3777504.4   402.7     3.49     4.00     3.25
 YES                  NO
 L0004061         0   0.34830E-06  466770.2 3777499.8   402.4     3.49     4.00     3.25
 YES                  NO
 L0004062         0   0.34830E-06  466777.4 3777495.2   402.1     3.49     4.00     3.25
 YES                  NO
 L0004063         0   0.34830E-06  466784.7 3777490.6   402.0     3.49     4.00     3.25
 YES                  NO
 L0004064         0   0.34830E-06  466791.9 3777486.0   402.0     3.49     4.00     3.25
 YES                  NO
 L0004065         0   0.34830E-06  466799.2 3777481.3   402.0     3.49     4.00     3.25
 YES                  NO
 L0004066         0   0.34830E-06  466806.4 3777476.7   402.0     3.49     4.00     3.25
 YES                  NO
 L0004067         0   0.34830E-06  466813.7 3777472.1   402.0     3.49     4.00     3.25
 YES                  NO
 L0004068         0   0.34830E-06  466820.9 3777467.5   402.0     3.49     4.00     3.25
 YES                  NO
 L0004069         0   0.34830E-06  466828.2 3777462.9   402.0     3.49     4.00     3.25
 YES                  NO
 L0004070         0   0.34830E-06  466835.4 3777458.3   402.0     3.49     4.00     3.25
 YES                  NO
 L0004071         0   0.34830E-06  466842.7 3777453.7   402.0     3.49     4.00     3.25
 YES                  NO
 L0004072         0   0.34830E-06  466849.9 3777449.1   402.0     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:09:04

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004073	0	0.34830E-06	466857.2	3777444.5	402.0	3.49	4.00	3.25	YES	NO
L0004074	0	0.34830E-06	466864.4	3777439.9	402.0	3.49	4.00	3.25	YES	NO
L0004075	0	0.34830E-06	466871.7	3777435.3	402.0	3.49	4.00	3.25	YES	NO
L0004076	0	0.34830E-06	466878.9	3777430.7	402.0	3.49	4.00	3.25	YES	NO
L0004077	0	0.34830E-06	466886.2	3777426.1	402.0	3.49	4.00	3.25	YES	NO
L0004078	0	0.34830E-06	466893.4	3777421.5	402.0	3.49	4.00	3.25	YES	NO
L0004079	0	0.34830E-06	466900.7	3777416.9	402.0	3.49	4.00	3.25	YES	NO
L0004080	0	0.34830E-06	466907.9	3777412.3	402.0	3.49	4.00	3.25	YES	NO
L0004081	0	0.34830E-06	466915.2	3777407.7	402.0	3.49	4.00	3.25	YES	NO
L0004082	0	0.34830E-06	466922.5	3777403.0	402.0	3.49	4.00	3.25	YES	NO
L0004083	0	0.34830E-06	466929.7	3777398.4	402.0	3.49	4.00	3.25	YES	NO
L0004084	0	0.34830E-06	466937.0	3777393.8	401.9	3.49	4.00	3.25	YES	NO
L0004085	0	0.34830E-06	466944.2	3777389.2	401.7	3.49	4.00	3.25	YES	NO
L0004086	0	0.34830E-06	466951.5	3777384.6	401.5	3.49	4.00	3.25	YES	NO
L0004087	0	0.33310E-06	466498.0	3777744.9	408.1	3.49	4.00	3.25	YES	NO
L0004088	0	0.33310E-06	466502.5	3777752.2	408.1	3.49	4.00	3.25	YES	NO
L0004089	0	0.33310E-06	466507.0	3777759.6	408.1	3.49	4.00	3.25	YES	NO
L0004090	0	0.33310E-06	466511.6	3777766.9	408.0	3.49	4.00	3.25	YES	NO
L0004091	0	0.33310E-06	466516.1	3777774.2	408.0	3.49	4.00	3.25	YES	NO
L0004092	0	0.33310E-06	466520.6	3777781.5	408.0	3.49	4.00	3.25	YES	NO
L0004093	0	0.33310E-06	466525.1	3777788.8	408.0	3.49	4.00	3.25	YES	NO
L0004094	0	0.33310E-06	466529.6	3777796.1	408.0	3.49	4.00	3.25	YES	NO
L0004095	0	0.33310E-06	466534.1	3777803.4	408.2	3.49	4.00	3.25	YES	NO
L0004096	0	0.33310E-06	466538.6	3777810.8	408.5	3.49	4.00	3.25	YES	NO
L0004097	0	0.33310E-06	466543.1	3777818.1	408.7	3.49	4.00	3.25	YES	NO
L0004098	0	0.33310E-06	466547.6	3777825.4	408.7	3.49	4.00	3.25	YES	NO
L0004099	0	0.33310E-06	466552.1	3777832.7	408.7	3.49	4.00	3.25	YES	NO
L0004100	0	0.33310E-06	466556.6	3777840.0	408.7	3.49	4.00	3.25	YES	NO
L0004101	0	0.40570E-07	466856.9	3777395.4	402.0	3.49	4.00	3.25	YES	NO
L0004102	0	0.40570E-07	466849.6	3777400.0	402.0	3.49	4.00	3.25	YES	NO
L0004103	0	0.40570E-07	466842.4	3777404.6	402.0	3.49	4.00	3.25		

YES NO
L0004104 0 0.40570E-07 466835.1 3777409.2 402.0 3.49 4.00 3.25
YES NO
L0004105 0 0.40570E-07 466827.9 3777413.8 402.0 3.49 4.00 3.25
YES NO
L0004106 0 0.40570E-07 466820.6 3777418.4 402.0 3.49 4.00 3.25
YES NO
L0004107 0 0.40570E-07 466813.4 3777423.0 402.0 3.49 4.00 3.25
YES NO
L0004108 0 0.40570E-07 466806.1 3777427.6 402.0 3.49 4.00 3.25
YES NO
L0004109 0 0.40570E-07 466798.9 3777432.3 402.0 3.49 4.00 3.25
YES NO
L0004110 0 0.40570E-07 466791.6 3777436.9 402.0 3.49 4.00 3.25
YES NO
L0004111 0 0.40570E-07 466784.4 3777441.5 402.0 3.49 4.00 3.25
YES NO
L0004112 0 0.40570E-07 466777.1 3777446.1 402.0 3.49 4.00 3.25
YES NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/26/24
*** AERMET - VERSION 16216 ***
*** *** 09:09:04

PAGE 7
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0004113	0	0.40570E-07	466769.9	3777450.7	402.0	3.49	4.00	3.25	YES NO
L0004114	0	0.40570E-07	466762.6	3777455.3	402.0	3.49	4.00	3.25	YES NO
L0004115	0	0.40570E-07	466755.4	3777459.9	402.0	3.49	4.00	3.25	YES NO
L0004116	0	0.40570E-07	466748.1	3777464.5	402.1	3.49	4.00	3.25	YES NO
L0004117	0	0.40570E-07	466740.9	3777469.1	402.4	3.49	4.00	3.25	YES NO
L0004118	0	0.40570E-07	466733.6	3777473.7	402.7	3.49	4.00	3.25	YES NO
L0004119	0	0.40570E-07	466726.4	3777478.3	402.9	3.49	4.00	3.25	YES NO
L0004120	0	0.40570E-07	466719.1	3777482.9	403.0	3.49	4.00	3.25	YES NO
L0004121	0	0.40570E-07	466711.9	3777487.5	403.0	3.49	4.00	3.25	YES NO
L0004122	0	0.40570E-07	466704.6	3777492.1	403.0	3.49	4.00	3.25	YES NO
L0004123	0	0.40570E-07	466697.4	3777496.7	403.0	3.49	4.00	3.25	YES NO
L0004124	0	0.40570E-07	466690.1	3777501.3	403.0	3.49	4.00	3.25	YES NO
L0004125	0	0.40570E-07	466682.9	3777506.0	403.2	3.49	4.00	3.25	YES NO
L0004126	0	0.40570E-07	466675.6	3777510.6	403.2	3.49	4.00	3.25	

YES		NO						
L0004127	0	0.40570E-07	466668.4	3777515.2	403.3	3.49	4.00	3.25
YES		NO						
L0004128	0	0.40570E-07	466661.1	3777519.8	403.2	3.49	4.00	3.25
YES		NO						
L0004129	0	0.40570E-07	466653.9	3777524.4	403.2	3.49	4.00	3.25
YES		NO						
L0004130	0	0.40570E-07	466646.6	3777529.0	403.4	3.49	4.00	3.25
YES		NO						
L0004131	0	0.40570E-07	466639.4	3777533.6	403.7	3.49	4.00	3.25
YES		NO						
L0004132	0	0.40570E-07	466632.1	3777538.2	403.9	3.49	4.00	3.25
YES		NO						
L0004133	0	0.40570E-07	466624.9	3777542.8	404.1	3.49	4.00	3.25
YES		NO						
L0004134	0	0.40570E-07	466617.6	3777547.4	404.1	3.49	4.00	3.25
YES		NO						
L0004135	0	0.40570E-07	466610.4	3777552.0	404.1	3.49	4.00	3.25
YES		NO						
L0004136	0	0.40570E-07	466603.1	3777556.6	404.0	3.49	4.00	3.25
YES		NO						
L0004137	0	0.40570E-07	466595.9	3777561.2	404.1	3.49	4.00	3.25
YES		NO						
L0004138	0	0.40570E-07	466588.6	3777565.8	404.4	3.49	4.00	3.25
YES		NO						
L0004139	0	0.40570E-07	466581.4	3777570.4	404.6	3.49	4.00	3.25
YES		NO						
L0004140	0	0.40570E-07	466574.1	3777575.0	404.9	3.49	4.00	3.25
YES		NO						
L0004141	0	0.40570E-07	466566.9	3777579.7	405.1	3.49	4.00	3.25
YES		NO						
L0004142	0	0.40570E-07	466559.6	3777584.3	405.3	3.49	4.00	3.25
YES		NO						
L0004143	0	0.40570E-07	466552.4	3777588.9	405.6	3.49	4.00	3.25
YES		NO						
L0004144	0	0.40570E-07	466545.1	3777593.5	405.8	3.49	4.00	3.25
YES		NO						
L0004145	0	0.40570E-07	466537.9	3777598.1	406.0	3.49	4.00	3.25
YES		NO						
L0004146	0	0.40570E-07	466530.6	3777602.7	406.0	3.49	4.00	3.25
YES		NO						
L0004147	0	0.40570E-07	466523.4	3777607.3	406.0	3.49	4.00	3.25
YES		NO						
L0004148	0	0.40570E-07	466516.1	3777611.9	406.0	3.49	4.00	3.25
YES		NO						
L0004149	0	0.40570E-07	466508.9	3777616.5	406.0	3.49	4.00	3.25
YES		NO						
L0004150	0	0.40570E-07	466501.6	3777621.1	406.4	3.49	4.00	3.25
YES		NO						
L0004151	0	0.40570E-07	466494.4	3777625.7	406.7	3.49	4.00	3.25
YES		NO						
L0004152	0	0.40570E-07	466487.1	3777630.3	406.9	3.49	4.00	3.25
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
L0004153	0	0.40570E-07	466481.5	3777628.0	407.0	3.49	4.00	3.25	YES / NO
L0004154	0	0.40570E-07	466477.1	3777620.7	407.1	3.49	4.00	3.25	YES / NO
L0004155	0	0.40570E-07	466478.1	3777614.6	407.1	3.49	4.00	3.25	YES / NO
L0004156	0	0.40570E-07	466485.4	3777610.0	406.8	3.49	4.00	3.25	YES / NO
L0004157	0	0.40570E-07	466492.6	3777605.4	406.6	3.49	4.00	3.25	YES / NO
L0004158	0	0.40570E-07	466499.9	3777600.8	406.3	3.49	4.00	3.25	YES / NO
L0004159	0	0.40570E-07	466507.1	3777596.2	406.1	3.49	4.00	3.25	YES / NO
L0004160	0	0.40570E-07	466514.4	3777591.6	406.0	3.49	4.00	3.25	YES / NO
L0004161	0	0.40570E-07	466521.6	3777587.0	406.0	3.49	4.00	3.25	YES / NO
L0004162	0	0.40570E-07	466528.9	3777582.4	406.0	3.49	4.00	3.25	YES / NO
L0004163	0	0.40570E-07	466536.1	3777577.8	406.0	3.49	4.00	3.25	YES / NO
L0004164	0	0.40570E-07	466543.4	3777573.2	405.9	3.49	4.00	3.25	YES / NO
L0004165	0	0.40570E-07	466550.6	3777568.6	405.6	3.49	4.00	3.25	YES / NO
L0004166	0	0.40570E-07	466557.9	3777564.0	405.4	3.49	4.00	3.25	YES / NO
L0004167	0	0.40570E-07	466565.1	3777559.4	405.2	3.49	4.00	3.25	YES / NO
L0004168	0	0.40570E-07	466572.4	3777554.8	404.9	3.49	4.00	3.25	YES / NO
L0004169	0	0.40570E-07	466579.7	3777550.2	404.7	3.49	4.00	3.25	YES / NO
L0004170	0	0.40570E-07	466586.9	3777545.6	404.6	3.49	4.00	3.25	YES / NO
L0004171	0	0.40570E-07	466594.2	3777541.0	404.6	3.49	4.00	3.25	YES / NO
L0004172	0	0.40570E-07	466601.4	3777536.4	404.6	3.49	4.00	3.25	YES / NO
L0004173	0	0.40570E-07	466608.7	3777531.8	404.6	3.49	4.00	3.25	YES / NO
L0004174	0	0.40570E-07	466615.9	3777527.2	404.4	3.49	4.00	3.25	YES / NO
L0004175	0	0.40570E-07	466623.2	3777522.6	404.2	3.49	4.00	3.25	YES / NO
L0004176	0	0.40570E-07	466630.4	3777518.0	404.0	3.49	4.00	3.25	YES / NO
L0004177	0	0.40570E-07	466637.7	3777513.4	403.9	3.49	4.00	3.25	YES / NO
L0004178	0	0.40830E-07	466619.6	3777484.9	404.3	3.49	4.00	3.25	YES / NO
L0004179	0	0.40830E-07	466612.3	3777489.5	404.6	3.49	4.00	3.25	YES / NO
L0004180	0	0.40830E-07	466605.1	3777494.1	404.8	3.49	4.00	3.25	YES / NO
L0004181	0	0.40830E-07	466597.8	3777498.7	405.0	3.49	4.00	3.25	YES / NO
L0004182	0	0.40830E-07	466590.6	3777503.3	405.0	3.49	4.00	3.25	

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 YES                  NO
 L0004183         0   0.40830E-07  466583.4 3777508.0   405.0     3.49     4.00     3.25
 YES                  NO
 L0004184         0   0.40830E-07  466576.1 3777512.6   405.0     3.49     4.00     3.25
 YES                  NO
 L0004185         0   0.40830E-07  466568.9 3777517.2   405.0     3.49     4.00     3.25
 YES                  NO
 L0004186         0   0.40830E-07  466561.6 3777521.8   405.3     3.49     4.00     3.25
 YES                  NO
 L0004187         0   0.40830E-07  466554.4 3777526.5   405.5     3.49     4.00     3.25
 YES                  NO
 L0004188         0   0.40830E-07  466547.2 3777531.1   405.8     3.49     4.00     3.25
 YES                  NO
 L0004189         0   0.40830E-07  466539.9 3777535.7   406.0     3.49     4.00     3.25
 YES                  NO
 L0004190         0   0.40830E-07  466532.7 3777540.3   406.0     3.49     4.00     3.25
 YES                  NO
 L0004191         0   0.40830E-07  466525.4 3777544.9   406.0     3.49     4.00     3.25
 YES                  NO
 L0004192         0   0.40830E-07  466518.2 3777549.6   406.0     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:09:04

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


                                                *** VOLUME SOURCE DATA ***

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

 L0004193         0   0.40830E-07  466510.9 3777554.2   406.0     3.49     4.00     3.25
 YES                  NO
 L0004194         0   0.40830E-07  466503.7 3777558.8   406.2     3.49     4.00     3.25
 YES                  NO
 L0004195         0   0.40830E-07  466496.5 3777563.4   406.4     3.49     4.00     3.25
 YES                  NO
 L0004196         0   0.40830E-07  466489.2 3777568.0   406.7     3.49     4.00     3.25
 YES                  NO
 L0004197         0   0.40830E-07  466482.0 3777572.7   406.9     3.49     4.00     3.25
 YES                  NO
 L0004198         0   0.40830E-07  466474.7 3777577.3   407.1     3.49     4.00     3.25
 YES                  NO
 L0004199         0   0.40830E-07  466467.5 3777581.9   407.4     3.49     4.00     3.25
 YES                  NO
 L0004200         0   0.40830E-07  466460.3 3777586.5   407.7     3.49     4.00     3.25
 YES                  NO
 L0004201         0   0.40830E-07  466454.3 3777585.1   407.8     3.49     4.00     3.25
 YES                  NO
 L0004202         0   0.40830E-07  466449.6 3777577.9   407.7     3.49     4.00     3.25
 YES                  NO
 L0004203         0   0.40830E-07  466451.1 3777572.1   407.5     3.49     4.00     3.25
 YES                  NO
 L0004204         0   0.40830E-07  466458.4 3777567.4   407.3     3.49     4.00     3.25
 YES                  NO
 L0004205         0   0.40830E-07  466465.6 3777562.8   407.1     3.49     4.00     3.25
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 YES                  NO
 L0004206         0   0.40830E-07  466472.8 3777558.1   407.0     3.49     4.00     3.25
 YES                  NO
 L0004207         0   0.40830E-07  466480.0 3777553.4   407.0     3.49     4.00     3.25
 YES                  NO
 L0004208         0   0.40830E-07  466487.2 3777548.8   406.8     3.49     4.00     3.25
 YES                  NO
 L0004209         0   0.40830E-07  466494.5 3777544.1   406.5     3.49     4.00     3.25
 YES                  NO
 L0004210         0   0.40830E-07  466501.7 3777539.5   406.3     3.49     4.00     3.25
 YES                  NO
 L0004211         0   0.40830E-07  466508.9 3777534.8   406.0     3.49     4.00     3.25
 YES                  NO
 L0004212         0   0.40830E-07  466516.1 3777530.1   406.0     3.49     4.00     3.25
 YES                  NO
 L0004213         0   0.40830E-07  466523.3 3777525.5   406.0     3.49     4.00     3.25
 YES                  NO
 L0004214         0   0.40830E-07  466530.5 3777520.8   406.1     3.49     4.00     3.25
 YES                  NO
 L0004215         0   0.40830E-07  466537.8 3777516.2   406.0     3.49     4.00     3.25
 YES                  NO
 L0004216         0   0.40830E-07  466545.0 3777511.5   405.8     3.49     4.00     3.25
 YES                  NO
 L0004217         0   0.40830E-07  466552.2 3777506.8   405.6     3.49     4.00     3.25
 YES                  NO
 L0004218         0   0.40830E-07  466559.4 3777502.2   405.4     3.49     4.00     3.25
 YES                  NO
 L0004219         0   0.41140E-07  466404.9 3777601.1   408.7     3.49     4.00     3.25
 YES                  NO
 L0004220         0   0.41140E-07  466409.5 3777608.4   408.6     3.49     4.00     3.25
 YES                  NO
 L0004221         0   0.41140E-07  466414.0 3777615.7   408.4     3.49     4.00     3.25
 YES                  NO
 L0004222         0   0.41140E-07  466418.6 3777623.0   408.1     3.49     4.00     3.25
 YES                  NO
 L0004223         0   0.41140E-07  466423.1 3777630.3   408.0     3.49     4.00     3.25
 YES                  NO
 L0004224         0   0.41140E-07  466427.7 3777637.6   408.0     3.49     4.00     3.25
 YES                  NO
 L0004225         0   0.41140E-07  466432.2 3777644.9   408.0     3.49     4.00     3.25
 YES                  NO
 L0004226         0   0.41140E-07  466436.8 3777652.1   408.0     3.49     4.00     3.25
 YES                  NO
 L0004227         0   0.41140E-07  466441.3 3777659.4   408.0     3.49     4.00     3.25
 YES                  NO
 L0004228         0   0.41140E-07  466445.8 3777666.7   408.0     3.49     4.00     3.25
 YES                  NO
 L0004229         0   0.41140E-07  466451.8 3777667.8   407.9     3.49     4.00     3.25
 YES                  NO
 L0004230         0   0.41140E-07  466459.1 3777663.2   407.7     3.49     4.00     3.25
 YES                  NO
 L0004231         0   0.41140E-07  466463.7 3777658.0   407.5     3.49     4.00     3.25
 YES                  NO
 L0004232         0   0.41140E-07  466459.0 3777650.9   407.7     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:09:04

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


                                                *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0004233	0	0.41140E-07	466454.3	3777643.7	407.9	3.49	4.00	3.25	
YES		NO							
L0004234	0	0.41140E-07	466449.6	3777636.5	408.0	3.49	4.00	3.25	
YES		NO							
L0004235	0	0.41140E-07	466444.9	3777629.3	408.0	3.49	4.00	3.25	
YES		NO							
L0004236	0	0.41140E-07	466440.2	3777622.1	408.0	3.49	4.00	3.25	
YES		NO							
L0004237	0	0.41140E-07	466435.5	3777614.9	408.0	3.49	4.00	3.25	
YES		NO							
L0004238	0	0.41140E-07	466430.8	3777607.7	408.0	3.49	4.00	3.25	
YES		NO							
L0004239	0	0.41140E-07	466426.1	3777600.6	408.0	3.49	4.00	3.25	
YES		NO							
L0004240	0	0.41140E-07	466421.4	3777593.4	408.0	3.49	4.00	3.25	
YES		NO							
L0004241	0	0.39950E-07	466354.6	3777631.5	411.8	3.49	4.00	3.25	
YES		NO							
L0004242	0	0.39950E-07	466359.3	3777638.8	411.8	3.49	4.00	3.25	
YES		NO							
L0004243	0	0.39950E-07	466363.9	3777646.0	411.7	3.49	4.00	3.25	
YES		NO							
L0004244	0	0.39950E-07	466368.5	3777653.3	411.4	3.49	4.00	3.25	
YES		NO							
L0004245	0	0.39950E-07	466373.1	3777660.5	411.1	3.49	4.00	3.25	
YES		NO							
L0004246	0	0.39950E-07	466377.8	3777667.7	410.8	3.49	4.00	3.25	
YES		NO							
L0004247	0	0.39950E-07	466382.4	3777675.0	410.5	3.49	4.00	3.25	
YES		NO							
L0004248	0	0.39950E-07	466387.0	3777682.2	410.2	3.49	4.00	3.25	
YES		NO							
L0004249	0	0.39950E-07	466391.7	3777689.4	409.9	3.49	4.00	3.25	
YES		NO							
L0004250	0	0.39950E-07	466396.3	3777696.7	409.6	3.49	4.00	3.25	
YES		NO							
L0004251	0	0.39950E-07	466401.0	3777703.6	409.3	3.49	4.00	3.25	
YES		NO							
L0004252	0	0.39950E-07	466408.4	3777699.2	408.8	3.49	4.00	3.25	
YES		NO							
L0004253	0	0.39950E-07	466415.7	3777694.8	408.3	3.49	4.00	3.25	
YES		NO							
L0004254	0	0.39950E-07	466417.1	3777688.9	408.2	3.49	4.00	3.25	
YES		NO							
L0004255	0	0.39950E-07	466412.5	3777681.7	408.5	3.49	4.00	3.25	
YES		NO							
L0004256	0	0.39950E-07	466407.9	3777674.4	408.8	3.49	4.00	3.25	
YES		NO							
L0004257	0	0.39950E-07	466403.3	3777667.2	409.1	3.49	4.00	3.25	
YES		NO							
L0004258	0	0.39950E-07	466398.7	3777660.0	409.4	3.49	4.00	3.25	
YES		NO							
L0004259	0	0.39950E-07	466394.0	3777652.7	409.7	3.49	4.00	3.25	
YES		NO							
L0004260	0	0.39950E-07	466389.4	3777645.5	410.0	3.49	4.00	3.25	
YES		NO							
L0004261	0	0.39950E-07	466384.8	3777638.2	410.3	3.49	4.00	3.25	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0004262	0	0.39950E-07	466380.2	3777631.0	410.5	3.49	4.00	3.25	YES
L0004263	0	0.39950E-07	466375.6	3777623.7	410.6	3.49	4.00	3.25	YES
L0004264	0	0.39950E-07	466371.0	3777616.5	410.6	3.49	4.00	3.25	YES
L0004265	0	0.40360E-07	466518.4	3777887.1	410.0	3.49	4.00	3.25	YES
L0004266	0	0.40360E-07	466513.7	3777879.9	409.8	3.49	4.00	3.25	YES
L0004267	0	0.40360E-07	466509.0	3777872.7	409.6	3.49	4.00	3.25	YES
L0004268	0	0.40360E-07	466504.4	3777865.5	409.4	3.49	4.00	3.25	YES
L0004269	0	0.40360E-07	466499.7	3777858.2	409.4	3.49	4.00	3.25	YES
L0004270	0	0.40360E-07	466495.1	3777851.0	409.4	3.49	4.00	3.25	YES
L0004271	0	0.40360E-07	466490.4	3777843.8	409.4	3.49	4.00	3.25	YES
L0004272	0	0.40360E-07	466485.7	3777836.6	409.3	3.49	4.00	3.25	YES
L0004273	0	0.40360E-07	466481.1	3777829.4	409.1	3.49	4.00	3.25	YES
L0004274	0	0.40360E-07	466476.4	3777822.2	409.1	3.49	4.00	3.25	YES
L0004275	0	0.40360E-07	466471.8	3777814.9	409.2	3.49	4.00	3.25	YES
L0004276	0	0.40360E-07	466467.1	3777807.7	409.2	3.49	4.00	3.25	YES
L0004277	0	0.40360E-07	466462.4	3777800.5	409.1	3.49	4.00	3.25	YES
L0004278	0	0.40360E-07	466457.8	3777793.3	409.0	3.49	4.00	3.25	YES
L0004279	0	0.40360E-07	466453.1	3777786.1	409.0	3.49	4.00	3.25	YES
L0004280	0	0.40360E-07	466448.5	3777778.9	409.0	3.49	4.00	3.25	YES
L0004281	0	0.40360E-07	466443.8	3777771.6	409.0	3.49	4.00	3.25	YES
L0004282	0	0.40360E-07	466439.1	3777764.4	409.0	3.49	4.00	3.25	YES
L0004283	0	0.40360E-07	466434.5	3777757.2	408.9	3.49	4.00	3.25	YES
L0004284	0	0.40360E-07	466429.8	3777750.0	408.8	3.49	4.00	3.25	YES

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 YES                  NO
 L0004285         0   0.40360E-07  466425.2 3777742.8   408.9     3.49     4.00     3.25
 YES                  NO
 L0004286         0   0.40360E-07  466420.5 3777735.6   409.0     3.49     4.00     3.25
 YES                  NO
 L0004287         0   0.40360E-07  466415.8 3777728.4   408.9     3.49     4.00     3.25
 YES                  NO
 L0004288         0   0.40360E-07  466413.2 3777721.6   408.8     3.49     4.00     3.25
 YES                  NO
 L0004289         0   0.40360E-07  466420.6 3777717.3   408.4     3.49     4.00     3.25
 YES                  NO
 L0004290         0   0.40360E-07  466428.0 3777712.9   408.2     3.49     4.00     3.25
 YES                  NO
 L0004291         0   0.40360E-07  466433.3 3777717.2   408.2     3.49     4.00     3.25
 YES                  NO
 L0004292         0   0.40360E-07  466437.9 3777724.5   408.2     3.49     4.00     3.25
 YES                  NO
 L0004293         0   0.40360E-07  466442.5 3777731.7   408.2     3.49     4.00     3.25
 YES                  NO
 L0004294         0   0.40360E-07  466447.0 3777739.0   408.2     3.49     4.00     3.25
 YES                  NO
 L0004295         0   0.40360E-07  466451.6 3777746.3   408.3     3.49     4.00     3.25
 YES                  NO
 L0004296         0   0.40360E-07  466456.1 3777753.6   408.6     3.49     4.00     3.25
 YES                  NO
 L0004297         0   0.40360E-07  466460.7 3777760.9   408.8     3.49     4.00     3.25
 YES                  NO
 L0004298         0   0.40360E-07  466465.3 3777768.1   409.0     3.49     4.00     3.25
 YES                  NO
 L0004299         0   0.40360E-07  466469.8 3777775.4   409.0     3.49     4.00     3.25
 YES                  NO
 L0004300         0   0.40360E-07  466474.4 3777782.7   409.0     3.49     4.00     3.25
 YES                  NO
 L0004301         0   0.40360E-07  466478.9 3777790.0   409.0     3.49     4.00     3.25
 YES                  NO
 L0004302         0   0.40360E-07  466483.5 3777797.3   408.9     3.49     4.00     3.25
 YES                  NO
 L0004303         0   0.40360E-07  466488.0 3777804.5   408.8     3.49     4.00     3.25
 YES                  NO
 L0004304         0   0.40360E-07  466492.6 3777811.8   408.8     3.49     4.00     3.25
 YES                  NO
 L0004305         0   0.40360E-07  466497.2 3777819.1   408.9     3.49     4.00     3.25
 YES                  NO
 L0004306         0   0.40360E-07  466501.7 3777826.4   409.0     3.49     4.00     3.25
 YES                  NO
 L0004307         0   0.40360E-07  466506.3 3777833.7   409.0     3.49     4.00     3.25
 YES                  NO
 L0004308         0   0.40360E-07  466510.8 3777840.9   409.0     3.49     4.00     3.25
 YES                  NO
 L0004309         0   0.40360E-07  466515.4 3777848.2   409.0     3.49     4.00     3.25
 YES                  NO
 L0004310         0   0.40360E-07  466520.0 3777855.5   409.0     3.49     4.00     3.25
 YES                  NO
 L0004311         0   0.40360E-07  466524.5 3777862.8   409.2     3.49     4.00     3.25
 YES                  NO
 L0004312         0   0.40810E-07  466458.1 3777898.9   410.3     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:09:04

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0004313	0	0.40810E-07	466453.6	3777891.6	410.2	3.49	4.00	3.25
YES		NO						
L0004314	0	0.40810E-07	466449.0	3777884.3	410.0	3.49	4.00	3.25
YES		NO						
L0004315	0	0.40810E-07	466444.4	3777877.1	410.1	3.49	4.00	3.25
YES		NO						
L0004316	0	0.40810E-07	466439.9	3777869.8	410.2	3.49	4.00	3.25
YES		NO						
L0004317	0	0.40810E-07	466435.3	3777862.5	410.1	3.49	4.00	3.25
YES		NO						
L0004318	0	0.40810E-07	466430.7	3777855.2	410.0	3.49	4.00	3.25
YES		NO						
L0004319	0	0.40810E-07	466426.2	3777848.0	410.0	3.49	4.00	3.25
YES		NO						
L0004320	0	0.40810E-07	466421.6	3777840.7	410.0	3.49	4.00	3.25
YES		NO						
L0004321	0	0.40810E-07	466417.0	3777833.4	410.1	3.49	4.00	3.25
YES		NO						
L0004322	0	0.40810E-07	466412.5	3777826.1	410.2	3.49	4.00	3.25
YES		NO						
L0004323	0	0.40810E-07	466407.9	3777818.9	410.3	3.49	4.00	3.25
YES		NO						
L0004324	0	0.40810E-07	466403.3	3777811.6	410.3	3.49	4.00	3.25
YES		NO						
L0004325	0	0.40810E-07	466398.7	3777804.3	410.2	3.49	4.00	3.25
YES		NO						
L0004326	0	0.40810E-07	466394.2	3777797.0	410.0	3.49	4.00	3.25
YES		NO						
L0004327	0	0.40810E-07	466389.6	3777789.8	410.0	3.49	4.00	3.25
YES		NO						
L0004328	0	0.40810E-07	466385.0	3777782.5	410.1	3.49	4.00	3.25
YES		NO						
L0004329	0	0.40810E-07	466380.5	3777775.2	410.1	3.49	4.00	3.25
YES		NO						
L0004330	0	0.40810E-07	466375.9	3777767.9	410.0	3.49	4.00	3.25
YES		NO						
L0004331	0	0.40810E-07	466371.3	3777760.7	410.1	3.49	4.00	3.25
YES		NO						
L0004332	0	0.40810E-07	466366.8	3777753.4	410.3	3.49	4.00	3.25
YES		NO						
L0004333	0	0.40810E-07	466372.2	3777748.6	410.4	3.49	4.00	3.25
YES		NO						
L0004334	0	0.40810E-07	466379.6	3777744.2	410.2	3.49	4.00	3.25
YES		NO						
L0004335	0	0.40810E-07	466384.7	3777749.5	410.1	3.49	4.00	3.25
YES		NO						
L0004336	0	0.40810E-07	466389.2	3777756.7	410.0	3.49	4.00	3.25
YES		NO						
L0004337	0	0.40810E-07	466393.8	3777764.0	409.9	3.49	4.00	3.25
YES		NO						
L0004338	0	0.40810E-07	466398.3	3777771.3	409.8	3.49	4.00	3.25
YES		NO						
L0004339	0	0.40810E-07	466402.9	3777778.6	409.7	3.49	4.00	3.25
YES		NO						
L0004340	0	0.40810E-07	466407.5	3777785.9	409.8	3.49	4.00	3.25

YES NO
L0004341 0 0.40810E-07 466412.0 3777793.1 409.9 3.49 4.00 3.25
YES NO
L0004342 0 0.40810E-07 466416.6 3777800.4 410.0 3.49 4.00 3.25
YES NO
L0004343 0 0.40810E-07 466421.1 3777807.7 410.0 3.49 4.00 3.25
YES NO
L0004344 0 0.40810E-07 466425.7 3777815.0 409.9 3.49 4.00 3.25
YES NO
L0004345 0 0.40810E-07 466430.3 3777822.3 409.9 3.49 4.00 3.25
YES NO
L0004346 0 0.40810E-07 466434.8 3777829.5 410.0 3.49 4.00 3.25
YES NO
L0004347 0 0.40810E-07 466439.4 3777836.8 410.0 3.49 4.00 3.25
YES NO
L0004348 0 0.40810E-07 466443.9 3777844.1 410.0 3.49 4.00 3.25
YES NO
L0004349 0 0.40810E-07 466448.5 3777851.4 410.0 3.49 4.00 3.25
YES NO
L0004350 0 0.40810E-07 466453.1 3777858.7 410.0 3.49 4.00 3.25
YES NO
L0004351 0 0.40810E-07 466457.6 3777865.9 410.0 3.49 4.00 3.25
YES NO
L0004352 0 0.40810E-07 466462.2 3777873.2 410.0 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0004353	0	0.40810E-07	YES	466466.8	3777880.5	410.0	3.49	4.00	3.25
L0004354	0	0.40810E-07	YES	466471.3	3777887.8	410.0	3.49	4.00	3.25
L0004355	0	0.40680E-07	YES	466335.4	3777777.5	410.9	3.49	4.00	3.25
L0004356	0	0.40680E-07	YES	466340.0	3777784.8	410.9	3.49	4.00	3.25
L0004357	0	0.40680E-07	YES	466344.6	3777792.0	410.9	3.49	4.00	3.25
L0004358	0	0.40680E-07	YES	466349.2	3777799.3	411.0	3.49	4.00	3.25
L0004359	0	0.40680E-07	YES	466353.8	3777806.5	411.0	3.49	4.00	3.25
L0004360	0	0.40680E-07	YES	466358.4	3777813.8	411.0	3.49	4.00	3.25
L0004361	0	0.40680E-07	YES	466363.0	3777821.0	411.0	3.49	4.00	3.25
L0004362	0	0.40680E-07	YES	466367.6	3777828.3	411.0	3.49	4.00	3.25
L0004363	0	0.40680E-07	YES	466372.3	3777835.5	411.0	3.49	4.00	3.25

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 YES                 NO
 L0004364         0   0.40680E-07  466376.9 3777842.8   411.0     3.49     4.00     3.25
 YES                 NO
 L0004365         0   0.40680E-07  466381.5 3777850.0   411.0     3.49     4.00     3.25
 YES                 NO
 L0004366         0   0.40680E-07  466386.1 3777857.3   411.0     3.49     4.00     3.25
 YES                 NO
 L0004367         0   0.40680E-07  466390.7 3777864.5   411.0     3.49     4.00     3.25
 YES                 NO
 L0004368         0   0.40680E-07  466395.3 3777871.8   410.9     3.49     4.00     3.25
 YES                 NO
 L0004369         0   0.40680E-07  466399.9 3777879.0   410.9     3.49     4.00     3.25
 YES                 NO
 L0004370         0   0.40680E-07  466404.5 3777886.3   411.0     3.49     4.00     3.25
 YES                 NO
 L0004371         0   0.40680E-07  466409.1 3777893.5   411.0     3.49     4.00     3.25
 YES                 NO
 L0004372         0   0.40680E-07  466413.7 3777900.8   411.0     3.49     4.00     3.25
 YES                 NO
 L0004373         0   0.40680E-07  466418.3 3777908.0   411.0     3.49     4.00     3.25
 YES                 NO
 L0004374         0   0.40680E-07  466423.0 3777915.3   411.0     3.49     4.00     3.25
 YES                 NO
 L0004375         0   0.40680E-07  466427.4 3777922.5   411.2     3.49     4.00     3.25
 YES                 NO
 L0004376         0   0.40680E-07  466420.2 3777927.2   411.4     3.49     4.00     3.25
 YES                 NO
 L0004377         0   0.40680E-07  466413.1 3777932.0   411.5     3.49     4.00     3.25
 YES                 NO
 L0004378         0   0.40680E-07  466407.8 3777928.6   411.4     3.49     4.00     3.25
 YES                 NO
 L0004379         0   0.40680E-07  466403.4 3777921.3   411.2     3.49     4.00     3.25
 YES                 NO
 L0004380         0   0.40680E-07  466399.0 3777913.9   411.0     3.49     4.00     3.25
 YES                 NO
 L0004381         0   0.40680E-07  466394.6 3777906.5   411.0     3.49     4.00     3.25
 YES                 NO
 L0004382         0   0.40680E-07  466390.2 3777899.1   411.0     3.49     4.00     3.25
 YES                 NO
 L0004383         0   0.40680E-07  466385.8 3777891.7   411.0     3.49     4.00     3.25
 YES                 NO
 L0004384         0   0.40680E-07  466381.5 3777884.3   411.0     3.49     4.00     3.25
 YES                 NO
 L0004385         0   0.40680E-07  466377.1 3777877.0   411.0     3.49     4.00     3.25
 YES                 NO
 L0004386         0   0.40680E-07  466372.7 3777869.6   411.0     3.49     4.00     3.25
 YES                 NO
 L0004387         0   0.40680E-07  466368.3 3777862.2   411.0     3.49     4.00     3.25
 YES                 NO
 L0004388         0   0.40680E-07  466363.9 3777854.8   411.0     3.49     4.00     3.25
 YES                 NO
 L0004389         0   0.40680E-07  466359.5 3777847.4   411.0     3.49     4.00     3.25
 YES                 NO
 L0004390         0   0.40680E-07  466355.1 3777840.0   411.1     3.49     4.00     3.25
 YES                 NO
 L0004391         0   0.40680E-07  466350.7 3777832.7   411.1     3.49     4.00     3.25
 YES                 NO
 L0004392         0   0.40680E-07  466346.3 3777825.3   411.0     3.49     4.00     3.25
 YES                 NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:09:04

                      PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0004393	0		0.40680E-07	466341.9	3777817.9	411.0	3.49	4.00	3.25
YES			NO						
L0004394	0		0.40680E-07	466337.6	3777810.5	411.0	3.49	4.00	3.25
YES			NO						
L0004395	0		0.40680E-07	466333.2	3777803.1	411.0	3.49	4.00	3.25
YES			NO						
L0004396	0		0.39710E-07	466336.1	3777675.0	412.8	3.49	4.00	3.25
YES			NO						
L0004397	0		0.39710E-07	466340.8	3777682.2	412.5	3.49	4.00	3.25
YES			NO						
L0004398	0		0.39710E-07	466345.5	3777689.3	412.3	3.49	4.00	3.25
YES			NO						
L0004399	0		0.39710E-07	466350.2	3777696.5	412.1	3.49	4.00	3.25
YES			NO						
L0004400	0		0.39710E-07	466355.0	3777703.7	412.0	3.49	4.00	3.25
YES			NO						
L0004401	0		0.39710E-07	466359.7	3777710.9	411.8	3.49	4.00	3.25
YES			NO						
L0004402	0		0.39710E-07	466364.4	3777718.0	411.4	3.49	4.00	3.25
YES			NO						
L0004403	0		0.39710E-07	466367.5	3777724.8	411.0	3.49	4.00	3.25
YES			NO						
L0004404	0		0.39710E-07	466360.0	3777729.1	411.2	3.49	4.00	3.25
YES			NO						
L0004405	0		0.39710E-07	466352.6	3777733.4	411.1	3.49	4.00	3.25
YES			NO						
L0004406	0		0.39710E-07	466348.1	3777726.4	411.3	3.49	4.00	3.25
YES			NO						
L0004407	0		0.39710E-07	466343.7	3777719.0	411.6	3.49	4.00	3.25
YES			NO						
L0004408	0		0.39710E-07	466339.4	3777711.6	411.8	3.49	4.00	3.25
YES			NO						
L0004409	0		0.39710E-07	466335.0	3777704.2	412.1	3.49	4.00	3.25
YES			NO						
L0004410	0		0.39710E-07	466330.7	3777696.8	412.3	3.49	4.00	3.25
YES			NO						
L0004411	0		0.39710E-07	466326.3	3777689.4	412.7	3.49	4.00	3.25
YES			NO						
L0004412	0		0.35780E-07	466307.0	3777733.3	411.2	3.49	4.00	3.25
YES			NO						
L0004413	0		0.35780E-07	466311.9	3777740.4	411.0	3.49	4.00	3.25
YES			NO						
L0004414	0		0.35780E-07	466316.8	3777747.4	411.0	3.49	4.00	3.25
YES			NO						
L0004415	0		0.35780E-07	466321.7	3777754.4	411.0	3.49	4.00	3.25
YES			NO						
L0004416	0		0.39880E-07	466319.3	3777855.2	412.0	3.49	4.00	3.25
YES			NO						
L0004417	0		0.39880E-07	466324.0	3777862.3	412.0	3.49	4.00	3.25
YES			NO						
L0004418	0		0.39880E-07	466328.7	3777869.5	412.0	3.49	4.00	3.25
YES			NO						
L0004419	0		0.39880E-07	466333.4	3777876.7	411.9	3.49	4.00	3.25

YES NO
L0004420 0 0.39880E-07 466338.2 3777883.9 411.7 3.49 4.00 3.25
YES NO
L0004421 0 0.39880E-07 466342.9 3777891.0 411.6 3.49 4.00 3.25
YES NO
L0004422 0 0.39880E-07 466347.6 3777898.2 411.6 3.49 4.00 3.25
YES NO
L0004423 0 0.39880E-07 466352.3 3777905.4 411.7 3.49 4.00 3.25
YES NO
L0004424 0 0.39880E-07 466357.1 3777912.6 411.9 3.49 4.00 3.25
YES NO
L0004425 0 0.39880E-07 466361.8 3777919.7 411.9 3.49 4.00 3.25
YES NO
L0004426 0 0.39880E-07 466366.5 3777926.9 411.9 3.49 4.00 3.25
YES NO
L0004427 0 0.39880E-07 466371.2 3777934.1 411.9 3.49 4.00 3.25
YES NO
L0004428 0 0.39880E-07 466375.9 3777941.3 411.9 3.49 4.00 3.25
YES NO
L0004429 0 0.39880E-07 466380.7 3777948.4 412.0 3.49 4.00 3.25
YES NO
L0004430 0 0.39880E-07 466385.4 3777955.6 412.1 3.49 4.00 3.25
YES NO
L0004431 0 0.39880E-07 466390.1 3777962.8 412.0 3.49 4.00 3.25
YES NO
L0004432 0 0.39880E-07 466394.8 3777970.0 412.0 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0004433	0	0.40720E-07	466460.3	3777968.5	411.0	3.49	4.00	3.25	YES NO
L0004434	0	0.40720E-07	466467.6	3777963.9	411.0	3.49	4.00	3.25	YES NO
L0004435	0	0.40720E-07	466474.8	3777959.3	411.0	3.49	4.00	3.25	YES NO
L0004436	0	0.40720E-07	466482.0	3777954.7	411.0	3.49	4.00	3.25	YES NO
L0004437	0	0.40720E-07	466489.3	3777950.0	411.0	3.49	4.00	3.25	YES NO
L0004438	0	0.40720E-07	466496.5	3777945.4	411.0	3.49	4.00	3.25	YES NO
L0004439	0	0.40720E-07	466503.7	3777940.8	410.8	3.49	4.00	3.25	YES NO
L0004440	0	0.40720E-07	466511.0	3777936.1	410.6	3.49	4.00	3.25	YES NO
L0004441	0	0.40720E-07	466518.2	3777931.5	410.4	3.49	4.00	3.25	YES NO
L0004442	0	0.40720E-07	466525.4	3777926.9	410.2	3.49	4.00	3.25	

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 YES                  NO
 L0004443         0   0.40720E-07  466532.7 3777922.3   410.1     3.49     4.00     3.25
 YES                  NO
 L0004444         0   0.40720E-07  466539.9 3777917.6   410.0     3.49     4.00     3.25
 YES                  NO
 L0004445         0   0.40720E-07  466547.1 3777913.0   410.0     3.49     4.00     3.25
 YES                  NO
 L0004446         0   0.40720E-07  466554.4 3777908.4   409.9     3.49     4.00     3.25
 YES                  NO
 L0004447         0   0.40720E-07  466561.6 3777903.7   409.7     3.49     4.00     3.25
 YES                  NO
 L0004448         0   0.40720E-07  466568.9 3777899.1   409.4     3.49     4.00     3.25
 YES                  NO
 L0004449         0   0.40720E-07  466576.1 3777894.5   409.3     3.49     4.00     3.25
 YES                  NO
 L0004450         0   0.40720E-07  466583.3 3777889.8   409.1     3.49     4.00     3.25
 YES                  NO
 L0004451         0   0.40720E-07  466590.6 3777885.2   409.0     3.49     4.00     3.25
 YES                  NO
 L0004452         0   0.40720E-07  466597.8 3777880.6   409.0     3.49     4.00     3.25
 YES                  NO
 L0004453         0   0.40720E-07  466605.0 3777876.0   409.0     3.49     4.00     3.25
 YES                  NO
 L0004454         0   0.40720E-07  466612.3 3777871.3   409.0     3.49     4.00     3.25
 YES                  NO
 L0004455         0   0.40720E-07  466619.5 3777866.7   409.0     3.49     4.00     3.25
 YES                  NO
 L0004456         0   0.40720E-07  466626.7 3777862.1   409.0     3.49     4.00     3.25
 YES                  NO
 L0004457         0   0.40720E-07  466634.0 3777857.4   408.9     3.49     4.00     3.25
 YES                  NO
 L0004458         0   0.40720E-07  466641.2 3777852.8   408.6     3.49     4.00     3.25
 YES                  NO
 L0004459         0   0.40720E-07  466648.5 3777848.2   408.3     3.49     4.00     3.25
 YES                  NO
 L0004460         0   0.40720E-07  466655.7 3777843.6   408.1     3.49     4.00     3.25
 YES                  NO
 L0004461         0   0.40720E-07  466662.9 3777838.9   408.0     3.49     4.00     3.25
 YES                  NO
 L0004462         0   0.40720E-07  466670.2 3777834.3   408.0     3.49     4.00     3.25
 YES                  NO
 L0004463         0   0.40720E-07  466677.4 3777829.7   408.0     3.49     4.00     3.25
 YES                  NO
 L0004464         0   0.40720E-07  466684.6 3777825.0   408.0     3.49     4.00     3.25
 YES                  NO
 L0004465         0   0.40720E-07  466691.9 3777820.4   407.7     3.49     4.00     3.25
 YES                  NO
 L0004466         0   0.40720E-07  466699.1 3777815.8   407.3     3.49     4.00     3.25
 YES                  NO
 L0004467         0   0.40720E-07  466706.3 3777811.2   406.9     3.49     4.00     3.25
 YES                  NO
 L0004468         0   0.40720E-07  466713.6 3777806.5   406.6     3.49     4.00     3.25
 YES                  NO
 L0004469         0   0.40720E-07  466720.8 3777801.9   406.2     3.49     4.00     3.25
 YES                  NO
 L0004470         0   0.40720E-07  466728.0 3777797.3   406.0     3.49     4.00     3.25
 YES                  NO
 L0004471         0   0.40720E-07  466735.3 3777792.6   406.0     3.49     4.00     3.25
 YES                  NO
 L0004472         0   0.40720E-07  466742.5 3777788.0   406.0     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:09:04
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE
L0004473	0	0.40720E-07	466749.8	3777783.4	406.0	3.49	4.00	3.25	YES
L0004474	0	0.40720E-07	466757.0	3777778.7	406.0	3.49	4.00	3.25	YES
L0004475	0	0.40720E-07	466764.2	3777774.1	406.0	3.49	4.00	3.25	YES
L0004476	0	0.40720E-07	466771.5	3777769.5	406.0	3.49	4.00	3.25	YES
L0004477	0	0.40720E-07	466778.7	3777764.9	405.9	3.49	4.00	3.25	YES
L0004478	0	0.40720E-07	466785.9	3777760.2	405.6	3.49	4.00	3.25	YES
L0004479	0	0.40720E-07	466793.2	3777755.6	405.3	3.49	4.00	3.25	YES
L0004480	0	0.40720E-07	466800.4	3777751.0	405.0	3.49	4.00	3.25	YES
L0004481	0	0.40720E-07	466807.6	3777746.3	404.7	3.49	4.00	3.25	YES
L0004482	0	0.40720E-07	466814.9	3777741.7	404.5	3.49	4.00	3.25	YES
L0004483	0	0.40720E-07	466822.1	3777737.1	404.5	3.49	4.00	3.25	YES
L0004484	0	0.40720E-07	466829.3	3777732.5	404.3	3.49	4.00	3.25	YES
L0004485	0	0.40720E-07	466836.6	3777727.8	404.1	3.49	4.00	3.25	YES
L0004486	0	0.40720E-07	466843.8	3777723.2	403.8	3.49	4.00	3.25	YES
L0004487	0	0.40720E-07	466851.1	3777718.6	403.7	3.49	4.00	3.25	YES
L0004488	0	0.40720E-07	466858.3	3777713.9	403.7	3.49	4.00	3.25	YES
L0004489	0	0.40720E-07	466865.5	3777709.3	403.9	3.49	4.00	3.25	YES
L0004490	0	0.40720E-07	466872.8	3777704.7	403.9	3.49	4.00	3.25	YES
L0004491	0	0.40720E-07	466880.0	3777700.1	403.7	3.49	4.00	3.25	YES
L0004492	0	0.40720E-07	466887.2	3777695.4	403.5	3.49	4.00	3.25	YES
L0004493	0	0.40720E-07	466894.5	3777690.8	403.4	3.49	4.00	3.25	YES
L0004494	0	0.40720E-07	466901.7	3777686.2	403.4	3.49	4.00	3.25	YES
L0004495	0	0.40720E-07	466908.9	3777681.5	403.4	3.49	4.00	3.25	YES
L0004496	0	0.40720E-07	466916.2	3777676.9	403.6	3.49	4.00	3.25	YES
L0004497	0	0.40720E-07	466923.4	3777672.3	403.7	3.49	4.00	3.25	YES
L0004498	0	0.40720E-07	466930.7	3777667.6	403.7	3.49	4.00	3.25	

YES NO
L0004499 0 0.40720E-07 466937.9 3777663.0 403.6 3.49 4.00 3.25
YES NO
L0004500 0 0.40720E-07 466945.1 3777658.4 403.4 3.49 4.00 3.25
YES NO
L0004501 0 0.40720E-07 466952.4 3777653.8 403.2 3.49 4.00 3.25
YES NO
L0004502 0 0.40720E-07 466959.6 3777649.1 403.1 3.49 4.00 3.25
YES NO
L0004503 0 0.40720E-07 466966.8 3777644.5 403.0 3.49 4.00 3.25
YES NO
L0004504 0 0.40720E-07 466974.1 3777639.9 402.9 3.49 4.00 3.25
YES NO
L0004505 0 0.40720E-07 466981.3 3777635.2 402.9 3.49 4.00 3.25
YES NO
L0004506 0 0.40720E-07 466988.5 3777630.6 403.0 3.49 4.00 3.25
YES NO
L0004507 0 0.40720E-07 466995.8 3777626.0 403.0 3.49 4.00 3.25
YES NO
L0004508 0 0.40720E-07 467003.0 3777621.4 403.0 3.49 4.00 3.25
YES NO
L0004509 0 0.40720E-07 467010.2 3777616.7 403.0 3.49 4.00 3.25
YES NO
L0004510 0 0.40720E-07 467017.5 3777612.1 402.9 3.49 4.00 3.25
YES NO
L0004511 0 0.40720E-07 467024.7 3777607.5 402.6 3.49 4.00 3.25
YES NO
L0004512 0 0.40720E-07 467032.0 3777602.8 402.3 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
L0004513	0	0.40720E-07	467039.2	3777598.2	402.1	3.49	4.00	3.25	YES NO
L0004514	0	0.40720E-07	467046.4	3777593.6	402.0	3.49	4.00	3.25	YES NO
L0004515	0	0.40720E-07	467053.7	3777589.0	402.0	3.49	4.00	3.25	YES NO
L0004516	0	0.40720E-07	467060.9	3777584.3	402.0	3.49	4.00	3.25	YES NO
L0004517	0	0.40720E-07	467068.1	3777579.7	402.0	3.49	4.00	3.25	YES NO
L0004518	0	0.40720E-07	467075.4	3777575.1	402.0	3.49	4.00	3.25	YES NO
L0004519	0	0.40720E-07	467082.6	3777570.4	402.0	3.49	4.00	3.25	YES NO
L0004520	0	0.40720E-07	467089.8	3777565.8	402.0	3.49	4.00	3.25	YES NO
L0004521	0	0.40720E-07	467097.1	3777561.2	402.0	3.49	4.00	3.25	

YES		NO						
L0004522	0	0.40720E-07	467104.3	3777556.6	402.0	3.49	4.00	3.25
YES		NO						
L0004523	0	0.43060E-06	467427.5	3777309.8	395.4	3.49	6.51	3.25
YES		NO						
L0004524	0	0.43060E-06	467427.8	3777295.8	395.4	3.49	6.51	3.25
YES		NO						
L0004525	0	0.43060E-06	467428.1	3777281.8	395.4	3.49	6.51	3.25
YES		NO						
L0004526	0	0.43060E-06	467428.5	3777267.8	395.4	3.49	6.51	3.25
YES		NO						
L0004527	0	0.43060E-06	467428.8	3777253.8	395.3	3.49	6.51	3.25
YES		NO						
L0004528	0	0.43060E-06	467429.2	3777239.8	395.2	3.49	6.51	3.25
YES		NO						
L0004529	0	0.43060E-06	467429.5	3777225.8	395.0	3.49	6.51	3.25
YES		NO						
L0004530	0	0.43060E-06	467429.9	3777211.8	395.0	3.49	6.51	3.25
YES		NO						
L0004531	0	0.43060E-06	467430.2	3777197.8	395.0	3.49	6.51	3.25
YES		NO						
L0004532	0	0.43060E-06	467430.5	3777183.8	394.7	3.49	6.51	3.25
YES		NO						
L0004533	0	0.43060E-06	467430.9	3777169.8	394.4	3.49	6.51	3.25
YES		NO						
L0004534	0	0.43060E-06	467431.2	3777155.8	394.2	3.49	6.51	3.25
YES		NO						
L0004535	0	0.43060E-06	467431.6	3777141.8	394.1	3.49	6.51	3.25
YES		NO						
L0004536	0	0.43060E-06	467431.9	3777127.8	394.0	3.49	6.51	3.25
YES		NO						
L0004537	0	0.43060E-06	467432.2	3777113.8	394.0	3.49	6.51	3.25
YES		NO						
L0004538	0	0.43060E-06	467432.6	3777099.8	394.0	3.49	6.51	3.25
YES		NO						
L0004539	0	0.43060E-06	467432.9	3777085.8	394.0	3.49	6.51	3.25
YES		NO						
L0004540	0	0.43060E-06	467433.3	3777071.8	393.9	3.49	6.51	3.25
YES		NO						
L0004541	0	0.43060E-06	467433.6	3777057.8	393.5	3.49	6.51	3.25
YES		NO						
L0004542	0	0.43060E-06	467434.0	3777043.8	393.2	3.49	6.51	3.25
YES		NO						
L0005132	0	0.58420E-06	467425.9	3777324.8	395.6	3.49	4.00	3.25
YES		NO						
L0005133	0	0.58420E-06	467425.9	3777333.4	395.8	3.49	4.00	3.25
YES		NO						
L0005134	0	0.58420E-06	467425.9	3777342.0	395.9	3.49	4.00	3.25
YES		NO						
L0005135	0	0.58420E-06	467425.6	3777350.6	396.0	3.49	4.00	3.25
YES		NO						
L0005136	0	0.58420E-06	467424.1	3777359.0	396.0	3.49	4.00	3.25
YES		NO						
L0005137	0	0.58420E-06	467422.6	3777367.5	396.0	3.49	4.00	3.25
YES		NO						
L0005138	0	0.58420E-06	467419.0	3777375.0	396.0	3.49	4.00	3.25
YES		NO						
L0005139	0	0.58420E-06	467413.8	3777381.9	396.0	3.49	4.00	3.25
YES		NO						
L0005140	0	0.58420E-06	467408.6	3777388.7	396.0	3.49	4.00	3.25
YES		NO						
L0005141	0	0.58420E-06	467401.9	3777393.9	396.0	3.49	4.00	3.25
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0005142	0	0.58420E-06	467394.6	3777398.3	396.0	3.49	4.00	3.25
YES		NO						
L0005143	0	0.58420E-06	467387.2	3777402.7	396.0	3.49	4.00	3.25
YES		NO						
L0005144	0	0.58420E-06	467379.8	3777407.2	396.1	3.49	4.00	3.25
YES		NO						
L0005145	0	0.58420E-06	467371.9	3777410.5	396.2	3.49	4.00	3.25
YES		NO						
L0005146	0	0.58420E-06	467364.0	3777413.7	396.4	3.49	4.00	3.25
YES		NO						
L0005147	0	0.28690E-06	467351.7	3777425.8	396.7	3.49	4.00	3.25
YES		NO						
L0005148	0	0.28690E-06	467344.5	3777430.4	397.2	3.49	4.00	3.25
YES		NO						
L0005149	0	0.28690E-06	467337.2	3777435.0	397.8	3.49	4.00	3.25
YES		NO						
L0005150	0	0.28690E-06	467330.0	3777439.7	398.4	3.49	4.00	3.25
YES		NO						
L0005151	0	0.28690E-06	467322.8	3777444.3	398.9	3.49	4.00	3.25
YES		NO						
L0005152	0	0.28690E-06	467315.5	3777449.0	399.1	3.49	4.00	3.25
YES		NO						
L0005153	0	0.28690E-06	467308.3	3777453.6	399.2	3.49	4.00	3.25
YES		NO						
L0005154	0	0.28690E-06	467301.1	3777458.3	399.5	3.49	4.00	3.25
YES		NO						
L0005155	0	0.28690E-06	467293.9	3777462.9	399.8	3.49	4.00	3.25
YES		NO						
L0005156	0	0.28690E-06	467286.6	3777467.5	400.0	3.49	4.00	3.25
YES		NO						
L0005157	0	0.28690E-06	467279.4	3777472.2	400.0	3.49	4.00	3.25
YES		NO						
L0005158	0	0.28690E-06	467272.2	3777476.8	400.0	3.49	4.00	3.25
YES		NO						
L0005159	0	0.28690E-06	467264.9	3777481.5	400.0	3.49	4.00	3.25
YES		NO						
L0005160	0	0.28690E-06	467257.7	3777486.1	400.1	3.49	4.00	3.25
YES		NO						
L0005161	0	0.28690E-06	467250.5	3777490.7	400.2	3.49	4.00	3.25
YES		NO						
L0005162	0	0.28690E-06	467243.3	3777495.4	400.5	3.49	4.00	3.25
YES		NO						
L0005163	0	0.28690E-06	467236.0	3777500.0	400.8	3.49	4.00	3.25
YES		NO						
L0005164	0	0.28690E-06	467228.8	3777504.7	401.0	3.49	4.00	3.25
YES		NO						
L0005165	0	0.28690E-06	467221.6	3777509.3	401.1	3.49	4.00	3.25
YES		NO						
L0005166	0	0.28690E-06	467214.3	3777513.9	401.3	3.49	4.00	3.25

YES NO
L0005167 0 0.28690E-06 467207.1 3777518.6 401.6 3.49 4.00 3.25
YES NO
L0005168 0 0.28690E-06 467199.9 3777523.2 401.9 3.49 4.00 3.25
YES NO
L0005169 0 0.28690E-06 467192.7 3777527.9 402.0 3.49 4.00 3.25
YES NO
L0005170 0 0.28690E-06 467185.4 3777532.5 401.9 3.49 4.00 3.25
YES NO
L0005171 0 0.28690E-06 467178.2 3777537.1 401.9 3.49 4.00 3.25
YES NO
L0005172 0 0.28690E-06 467171.0 3777541.8 402.0 3.49 4.00 3.25
YES NO
L0005173 0 0.28690E-06 467163.7 3777546.4 402.0 3.49 4.00 3.25
YES NO
L0005174 0 0.28690E-06 467156.4 3777550.9 402.0 3.49 4.00 3.25
YES NO
L0005175 0 0.28690E-06 467149.2 3777555.5 402.0 3.49 4.00 3.25
YES NO
L0005176 0 0.28690E-06 467141.9 3777560.1 402.0 3.49 4.00 3.25
YES NO
L0005177 0 0.28690E-06 467134.6 3777564.6 402.0 3.49 4.00 3.25
YES NO
L0005178 0 0.28690E-06 467127.3 3777569.2 402.0 3.49 4.00 3.25
YES NO
L0005179 0 0.28690E-06 467120.0 3777573.7 402.0 3.49 4.00 3.25
YES NO
L0005180 0 0.28690E-06 467112.8 3777578.3 402.0 3.49 4.00 3.25
YES NO
L0005181 0 0.28690E-06 467105.5 3777582.9 402.0 3.49 4.00 3.25
YES NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/26/24
*** AERMET - VERSION 16216 ***
*** *** 09:09:04

PAGE 19
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0005182	0	0.28690E-06	467098.2	3777587.4	402.0	3.49	4.00	3.25	YES NO
L0005183	0	0.28690E-06	467090.9	3777592.0	402.2	3.49	4.00	3.25	YES NO
L0005184	0	0.28690E-06	467083.7	3777596.6	402.3	3.49	4.00	3.25	YES NO
L0005185	0	0.28690E-06	467076.4	3777601.1	402.4	3.49	4.00	3.25	YES NO
L0005186	0	0.28690E-06	467069.1	3777605.7	402.4	3.49	4.00	3.25	YES NO
L0005187	0	0.28690E-06	467061.8	3777610.2	402.3	3.49	4.00	3.25	YES NO
L0005188	0	0.28690E-06	467054.5	3777614.8	402.2	3.49	4.00	3.25	YES NO
L0005189	0	0.28690E-06	467047.3	3777619.4	402.2	3.49	4.00	3.25	

YES		NO						
L0005190	0	0.28690E-06	467040.0	3777623.9	402.5	3.49	4.00	3.25
YES		NO						
L0005191	0	0.28690E-06	467032.7	3777628.5	402.8	3.49	4.00	3.25
YES		NO						
L0005192	0	0.28690E-06	467025.4	3777633.1	402.9	3.49	4.00	3.25
YES		NO						
L0005193	0	0.28690E-06	467018.1	3777637.6	403.0	3.49	4.00	3.25
YES		NO						
L0005194	0	0.28690E-06	467010.9	3777642.2	403.0	3.49	4.00	3.25
YES		NO						
L0005195	0	0.28690E-06	467003.6	3777646.7	403.0	3.49	4.00	3.25
YES		NO						
L0005196	0	0.28690E-06	466996.3	3777651.3	403.1	3.49	4.00	3.25
YES		NO						
L0005197	0	0.28690E-06	466989.0	3777655.9	403.3	3.49	4.00	3.25
YES		NO						
L0005198	0	0.28690E-06	466981.8	3777660.4	403.5	3.49	4.00	3.25
YES		NO						
L0005199	0	0.28690E-06	466974.5	3777665.0	403.6	3.49	4.00	3.25
YES		NO						
L0005200	0	0.28690E-06	466967.2	3777669.6	403.8	3.49	4.00	3.25
YES		NO						
L0005201	0	0.28690E-06	466959.9	3777674.1	403.9	3.49	4.00	3.25
YES		NO						
L0005202	0	0.28690E-06	466952.6	3777678.7	404.0	3.49	4.00	3.25
YES		NO						
L0005203	0	0.28690E-06	466945.4	3777683.2	404.0	3.49	4.00	3.25
YES		NO						
L0005204	0	0.28690E-06	466938.1	3777687.8	404.0	3.49	4.00	3.25
YES		NO						
L0005205	0	0.28690E-06	466930.8	3777692.4	404.0	3.49	4.00	3.25
YES		NO						
L0005206	0	0.28690E-06	466923.6	3777697.0	403.9	3.49	4.00	3.25
YES		NO						
L0005207	0	0.28690E-06	466916.4	3777701.7	403.9	3.49	4.00	3.25
YES		NO						
L0005208	0	0.28690E-06	466909.2	3777706.4	404.0	3.49	4.00	3.25
YES		NO						
L0005209	0	0.28690E-06	466901.9	3777711.0	404.0	3.49	4.00	3.25
YES		NO						
L0005210	0	0.28690E-06	466894.7	3777715.7	404.1	3.49	4.00	3.25
YES		NO						
L0005211	0	0.28690E-06	466887.5	3777720.3	404.2	3.49	4.00	3.25
YES		NO						
L0005212	0	0.28690E-06	466880.3	3777725.0	404.4	3.49	4.00	3.25
YES		NO						
L0005213	0	0.28690E-06	466873.1	3777729.6	404.7	3.49	4.00	3.25
YES		NO						
L0005214	0	0.28690E-06	466865.8	3777734.3	404.9	3.49	4.00	3.25
YES		NO						
L0005215	0	0.28690E-06	466858.6	3777738.9	405.1	3.49	4.00	3.25
YES		NO						
L0005216	0	0.28690E-06	466851.4	3777743.6	405.2	3.49	4.00	3.25
YES		NO						
L0005217	0	0.28690E-06	466844.2	3777748.2	405.4	3.49	4.00	3.25
YES		NO						
L0005218	0	0.28690E-06	466837.0	3777752.9	405.5	3.49	4.00	3.25
YES		NO						
L0005219	0	0.28690E-06	466829.7	3777757.5	405.6	3.49	4.00	3.25
YES		NO						
L0005220	0	0.28690E-06	466822.5	3777762.2	405.8	3.49	4.00	3.25
YES		NO						
L0005221	0	0.28690E-06	466815.3	3777766.8	406.0	3.49	4.00	3.25
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0005222	0	0.28690E-06	466808.1	3777771.5	406.0	3.49	4.00	3.25	YES
L0005223	0	0.28690E-06	466800.9	3777776.2	406.0	3.49	4.00	3.25	YES
L0005224	0	0.28690E-06	466793.6	3777780.8	406.0	3.49	4.00	3.25	YES
L0005225	0	0.28690E-06	466786.4	3777785.5	406.0	3.49	4.00	3.25	YES
L0005226	0	0.28690E-06	466779.2	3777790.1	406.0	3.49	4.00	3.25	YES
L0005227	0	0.28690E-06	466772.0	3777794.8	406.0	3.49	4.00	3.25	YES
L0005228	0	0.28690E-06	466764.8	3777799.4	406.1	3.49	4.00	3.25	YES
L0005229	0	0.28690E-06	466757.5	3777804.1	406.3	3.49	4.00	3.25	YES
L0005230	0	0.28690E-06	466750.3	3777808.7	406.4	3.49	4.00	3.25	YES
L0005231	0	0.28690E-06	466743.1	3777813.4	406.6	3.49	4.00	3.25	YES
L0005232	0	0.28690E-06	466735.9	3777818.0	406.7	3.49	4.00	3.25	YES
L0005233	0	0.28690E-06	466728.7	3777822.7	406.9	3.49	4.00	3.25	YES
L0005234	0	0.28690E-06	466721.4	3777827.3	407.0	3.49	4.00	3.25	YES
L0005235	0	0.28690E-06	466714.2	3777832.0	407.3	3.49	4.00	3.25	YES
L0005236	0	0.28690E-06	466707.0	3777836.6	407.6	3.49	4.00	3.25	YES
L0005237	0	0.28690E-06	466699.8	3777841.3	407.8	3.49	4.00	3.25	YES
L0005238	0	0.28690E-06	466692.5	3777846.0	408.0	3.49	4.00	3.25	YES
L0005239	0	0.28690E-06	466685.3	3777850.6	408.0	3.49	4.00	3.25	YES
L0005240	0	0.28690E-06	466678.1	3777855.3	408.0	3.49	4.00	3.25	YES
L0005241	0	0.28690E-06	466670.9	3777859.9	408.1	3.49	4.00	3.25	YES
L0005242	0	0.28690E-06	466663.7	3777864.6	408.2	3.49	4.00	3.25	YES
L0005243	0	0.28690E-06	466656.4	3777869.2	408.5	3.49	4.00	3.25	YES
L0005244	0	0.28690E-06	466649.2	3777873.9	408.7	3.49	4.00	3.25	YES
L0005245	0	0.28690E-06	466642.0	3777878.5	408.9	3.49	4.00	3.25	YES

YES NO
L0005246 0 0.28690E-06 466634.8 3777883.2 409.0 3.49 4.00 3.25
YES NO
L0005247 0 0.28690E-06 466627.6 3777887.8 409.0 3.49 4.00 3.25
YES NO
L0005248 0 0.28690E-06 466620.3 3777892.5 409.1 3.49 4.00 3.25
YES NO
L0005249 0 0.28690E-06 466613.1 3777897.1 409.2 3.49 4.00 3.25
YES NO
L0005250 0 0.28690E-06 466605.9 3777901.8 409.4 3.49 4.00 3.25
YES NO
L0005251 0 0.28690E-06 466598.7 3777906.4 409.7 3.49 4.00 3.25
YES NO
L0005252 0 0.28690E-06 466591.5 3777911.1 409.8 3.49 4.00 3.25
YES NO
L0005253 0 0.28690E-06 466584.2 3777915.7 410.0 3.49 4.00 3.25
YES NO
L0005254 0 0.28690E-06 466577.0 3777920.4 410.0 3.49 4.00 3.25
YES NO
L0005255 0 0.28690E-06 466569.8 3777925.1 410.0 3.49 4.00 3.25
YES NO
L0005256 0 0.28690E-06 466562.6 3777929.7 410.0 3.49 4.00 3.25
YES NO
L0005257 0 0.28690E-06 466555.4 3777934.4 410.0 3.49 4.00 3.25
YES NO
L0005258 0 0.28690E-06 466548.1 3777939.0 410.0 3.49 4.00 3.25
YES NO
L0005259 0 0.28690E-06 466540.9 3777943.7 410.0 3.49 4.00 3.25
YES NO
L0005260 0 0.28690E-06 466533.7 3777948.3 410.3 3.49 4.00 3.25
YES NO
L0005261 0 0.28690E-06 466526.5 3777953.0 410.6 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0005262	0	0.28690E-06	466519.3	3777957.6	410.8	3.49	4.00	3.25
YES		NO						
L0005263	0	0.28690E-06	466512.0	3777962.3	411.0	3.49	4.00	3.25
YES		NO						
L0005264	0	0.28690E-06	466504.7	3777966.7	411.0	3.49	4.00	3.25
YES		NO						
L0005265	0	0.28690E-06	466497.2	3777971.0	411.0	3.49	4.00	3.25
YES		NO						
L0005266	0	0.28690E-06	466489.8	3777975.2	411.0	3.49	4.00	3.25
YES		NO						
L0005267	0	0.28690E-06	466482.3	3777979.5	411.1	3.49	4.00	3.25
YES		NO						
L0005268	0	0.28690E-06	466474.9	3777983.8	411.2	3.49	4.00	3.25

YES		NO						
L0005269	0	0.28690E-06	466467.4	3777988.0	411.4	3.49	4.00	3.25
YES		NO						
L0005270	0	0.28690E-06	466459.9	3777992.3	411.5	3.49	4.00	3.25
YES		NO						
L0005271	0	0.28690E-06	466452.5	3777996.5	411.7	3.49	4.00	3.25
YES		NO						
L0005272	0	0.28690E-06	466445.0	3778000.8	411.9	3.49	4.00	3.25
YES		NO						
L0005273	0	0.28690E-06	466437.5	3778004.8	412.0	3.49	4.00	3.25
YES		NO						
L0005274	0	0.28690E-06	466429.4	3778002.0	412.0	3.49	4.00	3.25
YES		NO						
L0005275	0	0.28690E-06	466422.1	3777998.4	412.0	3.49	4.00	3.25
YES		NO						
L0005276	0	0.28690E-06	466418.8	3777990.4	412.0	3.49	4.00	3.25
YES		NO						
L0005277	0	0.28690E-06	466417.6	3777982.1	412.0	3.49	4.00	3.25
YES		NO						
L0005278	0	0.28690E-06	466418.8	3777974.0	412.0	3.49	4.00	3.25
YES		NO						
L0005279	0	0.28690E-06	466424.9	3777967.9	411.8	3.49	4.00	3.25
YES		NO						
L0005280	0	0.28690E-06	466431.0	3777961.9	411.6	3.49	4.00	3.25
YES		NO						
L0005281	0	0.28690E-06	466438.0	3777957.0	411.4	3.49	4.00	3.25
YES		NO						
L0005282	0	0.28690E-06	466445.2	3777952.4	411.2	3.49	4.00	3.25
YES		NO						
L0005283	0	0.28690E-06	466452.5	3777947.8	411.0	3.49	4.00	3.25
YES		NO						
L0005284	0	0.28690E-06	466459.8	3777943.2	411.0	3.49	4.00	3.25
YES		NO						
L0005285	0	0.28690E-06	466467.0	3777938.6	410.9	3.49	4.00	3.25
YES		NO						
L0005286	0	0.28690E-06	466474.3	3777934.0	410.7	3.49	4.00	3.25
YES		NO						
L0005287	0	0.28690E-06	466481.5	3777929.4	410.4	3.49	4.00	3.25
YES		NO						
L0005288	0	0.28690E-06	466488.8	3777924.8	410.3	3.49	4.00	3.25
YES		NO						
L0005289	0	0.28690E-06	466496.0	3777920.2	410.1	3.49	4.00	3.25
YES		NO						
L0005290	0	0.28690E-06	466503.3	3777915.6	410.0	3.49	4.00	3.25
YES		NO						
L0005291	0	0.28690E-06	466510.5	3777910.9	410.0	3.49	4.00	3.25
YES		NO						
L0005292	0	0.28690E-06	466517.8	3777906.3	410.0	3.49	4.00	3.25
YES		NO						
L0005293	0	0.28690E-06	466525.0	3777901.7	410.0	3.49	4.00	3.25
YES		NO						
L0005294	0	0.28690E-06	466532.3	3777897.1	410.0	3.49	4.00	3.25
YES		NO						
L0005295	0	0.28690E-06	466539.5	3777892.5	410.0	3.49	4.00	3.25
YES		NO						
L0005296	0	0.28690E-06	466546.8	3777887.9	409.8	3.49	4.00	3.25
YES		NO						
L0005297	0	0.28690E-06	466554.0	3777883.3	409.5	3.49	4.00	3.25
YES		NO						
L0005298	0	0.28690E-06	466561.3	3777878.7	409.2	3.49	4.00	3.25
YES		NO						
L0005299	0	0.28690E-06	466568.6	3777874.1	409.0	3.49	4.00	3.25
YES		NO						
L0005300	0	0.28690E-06	466575.8	3777869.5	409.0	3.49	4.00	3.25
YES		NO						
L0005301	0	0.28690E-06	466583.1	3777864.9	409.0	3.49	4.00	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0005302	0	0.28690E-06	466590.3	3777860.3	409.0	3.49	4.00	3.25	YES
									NO
L0005303	0	0.28690E-06	466597.6	3777855.7	409.0	3.49	4.00	3.25	YES
									NO
L0005304	0	0.28690E-06	466604.8	3777851.1	408.8	3.49	4.00	3.25	YES
									NO
L0005305	0	0.28690E-06	466612.1	3777846.5	408.7	3.49	4.00	3.25	YES
									NO
L0005306	0	0.28690E-06	466619.3	3777841.9	408.5	3.49	4.00	3.25	YES
									NO
L0005307	0	0.28690E-06	466626.6	3777837.3	408.4	3.49	4.00	3.25	YES
									NO
L0005308	0	0.28690E-06	466633.8	3777832.7	408.2	3.49	4.00	3.25	YES
									NO
L0005309	0	0.28690E-06	466641.1	3777828.1	408.0	3.49	4.00	3.25	YES
									NO
L0005310	0	0.28690E-06	466648.3	3777823.5	407.9	3.49	4.00	3.25	YES
									NO
L0005311	0	0.28690E-06	466655.6	3777818.9	407.8	3.49	4.00	3.25	YES
									NO
L0005312	0	0.28690E-06	466662.8	3777814.3	407.6	3.49	4.00	3.25	YES
									NO
L0005313	0	0.28690E-06	466670.1	3777809.7	407.4	3.49	4.00	3.25	YES
									NO
L0005314	0	0.28690E-06	466677.3	3777805.1	407.3	3.49	4.00	3.25	YES
									NO
L0005315	0	0.28690E-06	466684.6	3777800.5	407.1	3.49	4.00	3.25	YES
									NO
L0005316	0	0.28690E-06	466691.9	3777795.9	406.9	3.49	4.00	3.25	YES
									NO
L0005317	0	0.28690E-06	466699.1	3777791.3	406.6	3.49	4.00	3.25	YES
									NO
L0005318	0	0.28690E-06	466706.4	3777786.7	406.3	3.49	4.00	3.25	YES
									NO
L0005319	0	0.28690E-06	466713.6	3777782.1	406.1	3.49	4.00	3.25	YES
									NO
L0005320	0	0.28690E-06	466720.9	3777777.5	406.0	3.49	4.00	3.25	YES
									NO
L0005321	0	0.28690E-06	466728.1	3777772.9	406.0	3.49	4.00	3.25	YES
									NO
L0005322	0	0.28690E-06	466735.4	3777768.3	406.0	3.49	4.00	3.25	YES
									NO
L0005323	0	0.28690E-06	466742.6	3777763.7	405.9	3.49	4.00	3.25	YES
									NO
L0005324	0	0.28690E-06	466749.9	3777759.1	405.5	3.49	4.00	3.25	

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 YES                  NO
 L0005325         0   0.28690E-06  466757.1 3777754.5   405.2     3.49     4.00     3.25
 YES                  NO
 L0005326         0   0.28690E-06  466764.4 3777749.9   404.9     3.49     4.00     3.25
 YES                  NO
 L0005327         0   0.28690E-06  466771.6 3777745.3   404.6     3.49     4.00     3.25
 YES                  NO
 L0005328         0   0.28690E-06  466778.9 3777740.7   404.3     3.49     4.00     3.25
 YES                  NO
 L0005329         0   0.28690E-06  466786.1 3777736.1   404.0     3.49     4.00     3.25
 YES                  NO
 L0005330         0   0.28690E-06  466793.4 3777731.5   403.7     3.49     4.00     3.25
 YES                  NO
 L0005331         0   0.28690E-06  466800.7 3777726.9   403.4     3.49     4.00     3.25
 YES                  NO
 L0005332         0   0.28690E-06  466807.9 3777722.3   403.1     3.49     4.00     3.25
 YES                  NO
 L0005333         0   0.28690E-06  466815.2 3777717.7   402.8     3.49     4.00     3.25
 YES                  NO
 L0005334         0   0.28690E-06  466822.4 3777713.1   402.6     3.49     4.00     3.25
 YES                  NO
 L0005335         0   0.28690E-06  466829.7 3777708.5   402.2     3.49     4.00     3.25
 YES                  NO
 L0005336         0   0.28690E-06  466836.9 3777703.9   402.0     3.49     4.00     3.25
 YES                  NO
 L0005337         0   0.28690E-06  466844.2 3777699.2   402.2     3.49     4.00     3.25
 YES                  NO
 L0005338         0   0.28690E-06  466851.4 3777694.6   402.5     3.49     4.00     3.25
 YES                  NO
 L0005339         0   0.28690E-06  466858.7 3777690.0   402.6     3.49     4.00     3.25
 YES                  NO
 L0005340         0   0.28690E-06  466865.9 3777685.4   402.5     3.49     4.00     3.25
 YES                  NO
 L0005341         0   0.28690E-06  466873.2 3777680.8   402.4     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:09:04

                     PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

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

 L0005342         0   0.28690E-06  466880.4 3777676.2   402.4     3.49     4.00     3.25
 YES                  NO
 L0005343         0   0.28690E-06  466887.7 3777671.6   402.5     3.49     4.00     3.25
 YES                  NO
 L0005344         0   0.28690E-06  466894.9 3777667.0   402.6     3.49     4.00     3.25
 YES                  NO
 L0005345         0   0.28690E-06  466902.2 3777662.4   402.6     3.49     4.00     3.25
 YES                  NO
 L0005346         0   0.28690E-06  466909.5 3777657.8   402.7     3.49     4.00     3.25
 YES                  NO
 L0005347         0   0.28690E-06  466916.7 3777653.2   402.8     3.49     4.00     3.25
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YES		NO						
L0005348	0	0.28690E-06	466924.0	3777648.6	402.9	3.49	4.00	3.25
YES		NO						
L0005349	0	0.28690E-06	466931.2	3777644.0	402.9	3.49	4.00	3.25
YES		NO						
L0005350	0	0.28690E-06	466938.5	3777639.4	402.8	3.49	4.00	3.25
YES		NO						
L0005351	0	0.28690E-06	466945.7	3777634.8	402.6	3.49	4.00	3.25
YES		NO						
L0005352	0	0.28690E-06	466953.0	3777630.2	402.5	3.49	4.00	3.25
YES		NO						
L0005353	0	0.28690E-06	466960.2	3777625.6	402.3	3.49	4.00	3.25
YES		NO						
L0005354	0	0.28690E-06	466967.5	3777621.0	402.4	3.49	4.00	3.25
YES		NO						
L0005355	0	0.28690E-06	466974.7	3777616.4	402.5	3.49	4.00	3.25
YES		NO						
L0005356	0	0.28690E-06	466982.0	3777611.8	402.7	3.49	4.00	3.25
YES		NO						
L0005357	0	0.28690E-06	466989.2	3777607.2	403.0	3.49	4.00	3.25
YES		NO						
L0005358	0	0.28690E-06	466996.5	3777602.6	402.9	3.49	4.00	3.25
YES		NO						
L0005359	0	0.28690E-06	467003.7	3777598.0	402.7	3.49	4.00	3.25
YES		NO						
L0005360	0	0.28690E-06	467011.0	3777593.4	402.5	3.49	4.00	3.25
YES		NO						
L0005361	0	0.28690E-06	467018.2	3777588.8	402.1	3.49	4.00	3.25
YES		NO						
L0005362	0	0.28690E-06	467025.5	3777584.2	402.0	3.49	4.00	3.25
YES		NO						
L0005363	0	0.28690E-06	467032.8	3777579.6	402.0	3.49	4.00	3.25
YES		NO						
L0005364	0	0.28690E-06	467040.0	3777575.0	402.0	3.49	4.00	3.25
YES		NO						
L0005365	0	0.28690E-06	467047.3	3777570.4	402.0	3.49	4.00	3.25
YES		NO						
L0005366	0	0.28690E-06	467054.5	3777565.8	402.0	3.49	4.00	3.25
YES		NO						
L0005367	0	0.28690E-06	467061.8	3777561.2	402.0	3.49	4.00	3.25
YES		NO						
L0005368	0	0.28690E-06	467069.0	3777556.6	402.0	3.49	4.00	3.25
YES		NO						
L0005369	0	0.28690E-06	467076.3	3777552.0	402.0	3.49	4.00	3.25
YES		NO						
L0005370	0	0.28690E-06	467083.5	3777547.4	402.0	3.49	4.00	3.25
YES		NO						
L0005371	0	0.28690E-06	467090.8	3777542.8	402.0	3.49	4.00	3.25
YES		NO						
L0005372	0	0.28690E-06	467098.0	3777538.2	402.0	3.49	4.00	3.25
YES		NO						
L0005373	0	0.28690E-06	467105.3	3777533.6	402.0	3.49	4.00	3.25
YES		NO						
L0005374	0	0.28690E-06	467112.5	3777529.0	402.0	3.49	4.00	3.25
YES		NO						
L0005375	0	0.28690E-06	467119.8	3777524.4	402.0	3.49	4.00	3.25
YES		NO						
L0005376	0	0.28690E-06	467127.0	3777519.8	402.0	3.49	4.00	3.25
YES		NO						
L0005377	0	0.28690E-06	467134.3	3777515.2	402.0	3.49	4.00	3.25
YES		NO						
L0005378	0	0.28690E-06	467141.6	3777510.6	402.0	3.49	4.00	3.25
YES		NO						
L0005379	0	0.28690E-06	467148.8	3777506.0	402.0	3.49	4.00	3.25
YES		NO						
L0005380	0	0.28690E-06	467156.1	3777501.4	402.0	3.49	4.00	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0005381	0	0.28690E-06	467163.3	3777496.8	402.0	3.49	4.00	3.25	YES
									NO
L0005382	0	0.28690E-06	467170.6	3777492.2	402.0	3.49	4.00	3.25	YES
									NO
L0005383	0	0.28690E-06	467177.8	3777487.5	401.7	3.49	4.00	3.25	YES
									NO
L0005384	0	0.28690E-06	467185.1	3777482.9	401.5	3.49	4.00	3.25	YES
									NO
L0005385	0	0.28690E-06	467192.3	3777478.3	401.2	3.49	4.00	3.25	YES
									NO
L0005386	0	0.28690E-06	467199.6	3777473.7	401.0	3.49	4.00	3.25	YES
									NO
L0005387	0	0.28690E-06	467206.8	3777469.1	400.8	3.49	4.00	3.25	YES
									NO
L0005388	0	0.28690E-06	467214.1	3777464.5	400.5	3.49	4.00	3.25	YES
									NO
L0005389	0	0.28690E-06	467221.4	3777460.0	400.2	3.49	4.00	3.25	YES
									NO
L0005390	0	0.28690E-06	467228.7	3777455.4	400.0	3.49	4.00	3.25	YES
									NO
L0005391	0	0.28690E-06	467235.9	3777450.9	400.0	3.49	4.00	3.25	YES
									NO
L0005392	0	0.28690E-06	467243.6	3777447.1	400.0	3.49	4.00	3.25	YES
									NO
L0005393	0	0.28690E-06	467251.3	3777443.2	400.0	3.49	4.00	3.25	YES
									NO
L0005394	0	0.28690E-06	467259.0	3777439.4	400.0	3.49	4.00	3.25	YES
									NO
L0005395	0	0.28690E-06	467266.9	3777436.0	399.8	3.49	4.00	3.25	YES
									NO
L0005396	0	0.28690E-06	467275.1	3777433.4	399.5	3.49	4.00	3.25	YES
									NO
L0005397	0	0.28690E-06	467283.2	3777430.7	399.2	3.49	4.00	3.25	YES
									NO
L0005398	0	0.28690E-06	467291.4	3777428.1	399.0	3.49	4.00	3.25	YES
									NO
L0005399	0	0.28690E-06	467299.7	3777425.8	398.9	3.49	4.00	3.25	YES
									NO
L0005400	0	0.28690E-06	467308.0	3777423.9	398.8	3.49	4.00	3.25	YES
									NO
L0005401	0	0.28690E-06	467316.4	3777421.9	398.6	3.49	4.00	3.25	YES
									NO
L0005402	0	0.28690E-06	467324.8	3777420.0	398.1	3.49	4.00	3.25	YES
									NO
L0005403	0	0.28690E-06	467333.1	3777418.0	397.5	3.49	4.00	3.25	

YES NO
L0005404 0 0.28690E-06 467341.5 3777416.0 396.9 3.49 4.00 3.25
YES NO
L0005405 0 0.28690E-06 467349.9 3777414.1 396.3 3.49 4.00 3.25
YES NO
L0005406 0 0.28650E-06 467222.1 3777492.9 400.9 3.49 4.00 3.25
YES NO
L0005407 0 0.28650E-06 467217.7 3777485.5 400.8 3.49 4.00 3.25
YES NO
L0005408 0 0.28650E-06 467213.3 3777478.1 400.7 3.49 4.00 3.25
YES NO
L0005409 0 0.28650E-06 467208.9 3777470.7 400.7 3.49 4.00 3.25
YES NO
L0005410 0 0.28650E-06 467204.6 3777463.3 400.8 3.49 4.00 3.25
YES NO
L0005411 0 0.28650E-06 467200.2 3777455.9 400.7 3.49 4.00 3.25
YES NO
L0005412 0 0.28650E-06 467195.8 3777448.5 400.5 3.49 4.00 3.25
YES NO
L0005413 0 0.28650E-06 467191.4 3777441.1 400.2 3.49 4.00 3.25
YES NO
L0005414 0 0.28650E-06 467187.1 3777433.7 399.9 3.49 4.00 3.25
YES NO
L0005415 0 0.28650E-06 467182.7 3777426.3 399.7 3.49 4.00 3.25
YES NO
L0005416 0 0.28650E-06 467178.3 3777418.9 399.4 3.49 4.00 3.25
YES NO
L0005417 0 0.28650E-06 467174.0 3777411.6 399.2 3.49 4.00 3.25
YES NO
L0005418 0 0.28650E-06 467169.6 3777404.2 399.0 3.49 4.00 3.25
YES NO
L0005419 0 0.28650E-06 467165.2 3777396.8 399.2 3.49 4.00 3.25
YES NO
L0005420 0 0.28650E-06 467160.8 3777389.4 399.3 3.49 4.00 3.25
YES NO
L0005421 0 0.28650E-06 467156.5 3777382.0 399.4 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0005422	0	0.28650E-06	467152.1	3777374.6	399.6	3.49	4.00	3.25	YES NO
L0005423	0	0.28650E-06	467147.7	3777367.2	399.5	3.49	4.00	3.25	YES NO
L0005424	0	0.28650E-06	467143.3	3777359.8	399.4	3.49	4.00	3.25	YES NO
L0005425	0	0.28650E-06	467139.0	3777352.4	399.2	3.49	4.00	3.25	YES NO
L0005426	0	0.28650E-06	467134.6	3777345.0	399.0	3.49	4.00	3.25	

YES		NO						
L0005427	0	0.28650E-06	467130.3	3777337.5	399.0	3.49	4.00	3.25
YES		NO						
L0005428	0	0.28650E-06	467126.2	3777330.0	399.0	3.49	4.00	3.25
YES		NO						
L0005429	0	0.28650E-06	467118.0	3777329.3	399.0	3.49	4.00	3.25
YES		NO						
L0005430	0	0.28650E-06	467109.4	3777329.3	399.0	3.49	4.00	3.25
YES		NO						
L0005431	0	0.28650E-06	467100.8	3777329.3	399.0	3.49	4.00	3.25
YES		NO						
L0005432	0	0.28650E-06	467092.2	3777329.3	399.0	3.49	4.00	3.25
YES		NO						
L0005433	0	0.28650E-06	467083.7	3777330.1	399.0	3.49	4.00	3.25
YES		NO						
L0005434	0	0.28650E-06	467075.2	3777331.2	399.0	3.49	4.00	3.25
YES		NO						
L0005435	0	0.28650E-06	467066.7	3777332.3	399.0	3.49	4.00	3.25
YES		NO						
L0005436	0	0.28650E-06	467058.3	3777334.0	399.0	3.49	4.00	3.25
YES		NO						
L0005437	0	0.28650E-06	467050.0	3777336.4	399.0	3.49	4.00	3.25
YES		NO						
L0005438	0	0.28650E-06	467042.3	3777340.0	399.2	3.49	4.00	3.25
YES		NO						
L0005439	0	0.28650E-06	467035.0	3777344.5	399.5	3.49	4.00	3.25
YES		NO						
L0005440	0	0.28650E-06	467026.7	3777346.5	399.8	3.49	4.00	3.25
YES		NO						
L0005441	0	0.28650E-06	467018.2	3777348.0	400.0	3.49	4.00	3.25
YES		NO						
L0005442	0	0.28650E-06	467009.8	3777349.7	400.0	3.49	4.00	3.25
YES		NO						
L0005443	0	0.28650E-06	467001.4	3777351.5	400.1	3.49	4.00	3.25
YES		NO						
L0005444	0	0.28650E-06	466993.0	3777353.3	400.2	3.49	4.00	3.25
YES		NO						
L0005445	0	0.28650E-06	466984.6	3777355.1	400.4	3.49	4.00	3.25
YES		NO						
L0005446	0	0.28650E-06	466976.2	3777356.9	400.7	3.49	4.00	3.25
YES		NO						
L0005447	0	0.28650E-06	466968.0	3777359.3	400.9	3.49	4.00	3.25
YES		NO						
L0005448	0	0.28650E-06	466959.9	3777362.1	401.0	3.49	4.00	3.25
YES		NO						
L0005449	0	0.28650E-06	466951.8	3777364.9	401.2	3.49	4.00	3.25
YES		NO						
L0005450	0	0.28650E-06	466944.1	3777368.6	401.4	3.49	4.00	3.25
YES		NO						
L0005451	0	0.28650E-06	466936.8	3777373.2	401.7	3.49	4.00	3.25
YES		NO						
L0005452	0	0.28650E-06	466929.6	3777377.9	402.0	3.49	4.00	3.25
YES		NO						
L0005453	0	0.28650E-06	466922.4	3777382.5	402.0	3.49	4.00	3.25
YES		NO						
L0005454	0	0.28650E-06	466915.1	3777387.2	402.0	3.49	4.00	3.25
YES		NO						
L0005455	0	0.28650E-06	466907.9	3777391.8	402.0	3.49	4.00	3.25
YES		NO						
L0005456	0	0.28650E-06	466900.7	3777396.5	402.0	3.49	4.00	3.25
YES		NO						
L0005457	0	0.28650E-06	466893.5	3777401.1	402.0	3.49	4.00	3.25
YES		NO						
L0005458	0	0.28650E-06	466886.2	3777405.7	402.0	3.49	4.00	3.25
YES		NO						
L0005459	0	0.28650E-06	466879.0	3777410.4	402.0	3.49	4.00	3.25

YES NO
L0005460 0 0.28650E-06 466871.8 3777415.0 402.0 3.49 4.00 3.25
YES NO
L0005461 0 0.28650E-06 466864.6 3777419.7 402.0 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0005462	0	0.28650E-06	466857.3	3777424.3	402.0	3.49	4.00	3.25
YES		NO						
L0005463	0	0.28650E-06	466850.1	3777428.9	402.0	3.49	4.00	3.25
YES		NO						
L0005464	0	0.28650E-06	466842.9	3777433.6	402.0	3.49	4.00	3.25
YES		NO						
L0005465	0	0.28650E-06	466835.6	3777438.2	402.0	3.49	4.00	3.25
YES		NO						
L0005466	0	0.28650E-06	466828.4	3777442.9	402.0	3.49	4.00	3.25
YES		NO						
L0005467	0	0.28650E-06	466821.2	3777447.5	402.0	3.49	4.00	3.25
YES		NO						
L0005468	0	0.28650E-06	466814.0	3777452.2	402.0	3.49	4.00	3.25
YES		NO						
L0005469	0	0.28650E-06	466806.7	3777456.8	402.0	3.49	4.00	3.25
YES		NO						
L0005470	0	0.28650E-06	466799.5	3777461.4	402.0	3.49	4.00	3.25
YES		NO						
L0005471	0	0.28650E-06	466792.3	3777466.1	402.0	3.49	4.00	3.25
YES		NO						
L0005472	0	0.28650E-06	466785.0	3777470.7	402.0	3.49	4.00	3.25
YES		NO						
L0005473	0	0.28650E-06	466777.8	3777475.4	402.0	3.49	4.00	3.25
YES		NO						
L0005474	0	0.28650E-06	466770.6	3777480.0	402.1	3.49	4.00	3.25
YES		NO						
L0005475	0	0.28650E-06	466763.4	3777484.7	402.3	3.49	4.00	3.25
YES		NO						
L0005476	0	0.28650E-06	466756.1	3777489.3	402.6	3.49	4.00	3.25
YES		NO						
L0005477	0	0.28650E-06	466748.9	3777493.9	402.9	3.49	4.00	3.25
YES		NO						
L0005478	0	0.28650E-06	466741.7	3777498.6	403.0	3.49	4.00	3.25
YES		NO						
L0005479	0	0.28650E-06	466734.5	3777503.2	403.0	3.49	4.00	3.25
YES		NO						
L0005480	0	0.28650E-06	466727.2	3777507.9	403.0	3.49	4.00	3.25
YES		NO						
L0005481	0	0.28650E-06	466720.0	3777512.5	403.0	3.49	4.00	3.25
YES		NO						
L0005482	0	0.28650E-06	466712.8	3777517.1	403.0	3.49	4.00	3.25

YES NO
L0005483 0 0.28650E-06 466705.5 3777521.8 403.0 3.49 4.00 3.25
YES NO
L0005484 0 0.28650E-06 466698.3 3777526.4 403.0 3.49 4.00 3.25
YES NO
L0005485 0 0.28650E-06 466691.1 3777531.1 402.8 3.49 4.00 3.25
YES NO
L0005486 0 0.28650E-06 466683.9 3777535.7 402.8 3.49 4.00 3.25
YES NO
L0005487 0 0.28650E-06 466676.6 3777540.4 402.7 3.49 4.00 3.25
YES NO
L0005488 0 0.28650E-06 466669.4 3777545.0 402.8 3.49 4.00 3.25
YES NO
L0005489 0 0.28650E-06 466662.2 3777549.6 402.9 3.49 4.00 3.25
YES NO
L0005490 0 0.28650E-06 466654.9 3777554.3 403.2 3.49 4.00 3.25
YES NO
L0005491 0 0.28650E-06 466647.7 3777558.9 403.3 3.49 4.00 3.25
YES NO
L0005492 0 0.28650E-06 466640.5 3777563.6 403.4 3.49 4.00 3.25
YES NO
L0005493 0 0.28650E-06 466633.3 3777568.2 403.5 3.49 4.00 3.25
YES NO
L0005494 0 0.28650E-06 466626.0 3777572.8 403.5 3.49 4.00 3.25
YES NO
L0005495 0 0.28650E-06 466618.8 3777577.5 403.6 3.49 4.00 3.25
YES NO
L0005496 0 0.28650E-06 466611.6 3777582.1 403.7 3.49 4.00 3.25
YES NO
L0005497 0 0.28650E-06 466604.4 3777586.8 403.9 3.49 4.00 3.25
YES NO
L0005498 0 0.28650E-06 466597.1 3777591.4 404.1 3.49 4.00 3.25
YES NO
L0005499 0 0.28650E-06 466589.9 3777596.1 404.3 3.49 4.00 3.25
YES NO
L0005500 0 0.28650E-06 466582.7 3777600.7 404.6 3.49 4.00 3.25
YES NO
L0005501 0 0.28650E-06 466575.4 3777605.3 404.8 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0005502	0	0.28650E-06	466568.2	3777610.0	405.1	3.49	4.00	3.25	YES
L0005503	0	0.28650E-06	466561.0	3777614.6	405.3	3.49	4.00	3.25	YES
L0005504	0	0.28650E-06	466553.8	3777619.3	405.6	3.49	4.00	3.25	YES
L0005505	0	0.28650E-06	466546.5	3777623.9	405.8	3.49	4.00	3.25	YES

YES		NO						
L0005506	0	0.28650E-06	466539.3	3777628.6	406.0	3.49	4.00	3.25
YES		NO						
L0005507	0	0.28650E-06	466532.1	3777633.2	406.2	3.49	4.00	3.25
YES		NO						
L0005508	0	0.28650E-06	466524.8	3777637.8	406.4	3.49	4.00	3.25
YES		NO						
L0005509	0	0.28650E-06	466517.6	3777642.5	406.7	3.49	4.00	3.25
YES		NO						
L0005510	0	0.28650E-06	466510.4	3777647.1	407.0	3.49	4.00	3.25
YES		NO						
L0005511	0	0.28650E-06	466503.2	3777651.8	407.0	3.49	4.00	3.25
YES		NO						
L0005512	0	0.28650E-06	466495.9	3777656.4	407.0	3.49	4.00	3.25
YES		NO						
L0005513	0	0.28650E-06	466488.7	3777661.0	407.0	3.49	4.00	3.25
YES		NO						
L0005514	0	0.28650E-06	466481.5	3777665.7	407.0	3.49	4.00	3.25
YES		NO						
L0005515	0	0.28650E-06	466474.3	3777670.3	407.2	3.49	4.00	3.25
YES		NO						
L0005516	0	0.28650E-06	466467.0	3777675.0	407.4	3.49	4.00	3.25
YES		NO						
L0005517	0	0.28650E-06	466459.8	3777679.6	407.7	3.49	4.00	3.25
YES		NO						
L0005518	0	0.28650E-06	466452.6	3777684.3	407.9	3.49	4.00	3.25
YES		NO						
L0005519	0	0.28650E-06	466445.3	3777688.9	408.0	3.49	4.00	3.25
YES		NO						
L0005520	0	0.28650E-06	466443.6	3777694.8	408.0	3.49	4.00	3.25
YES		NO						
L0005521	0	0.28650E-06	466447.9	3777702.2	408.0	3.49	4.00	3.25
YES		NO						
L0005522	0	0.28650E-06	466452.3	3777709.6	408.0	3.49	4.00	3.25
YES		NO						
L0005523	0	0.28650E-06	466456.7	3777717.0	408.0	3.49	4.00	3.25
YES		NO						
L0005524	0	0.28650E-06	466461.1	3777724.4	408.0	3.49	4.00	3.25
YES		NO						
L0005525	0	0.28650E-06	466465.4	3777731.8	408.0	3.49	4.00	3.25
YES		NO						
L0005526	0	0.28650E-06	466469.8	3777739.2	408.1	3.49	4.00	3.25
YES		NO						
L0005527	0	0.28650E-06	466474.2	3777746.6	408.4	3.49	4.00	3.25
YES		NO						
L0005528	0	0.28650E-06	466478.5	3777754.0	408.6	3.49	4.00	3.25
YES		NO						
L0005529	0	0.28650E-06	466482.9	3777761.4	408.8	3.49	4.00	3.25
YES		NO						
L0005530	0	0.28650E-06	466487.3	3777768.8	408.8	3.49	4.00	3.25
YES		NO						
L0005531	0	0.28650E-06	466491.6	3777776.2	408.6	3.49	4.00	3.25
YES		NO						
L0005532	0	0.28650E-06	466496.0	3777783.6	408.5	3.49	4.00	3.25
YES		NO						
L0005533	0	0.28650E-06	466500.4	3777791.0	408.3	3.49	4.00	3.25
YES		NO						
L0005534	0	0.28650E-06	466504.8	3777798.4	408.2	3.49	4.00	3.25
YES		NO						
L0005535	0	0.28650E-06	466509.1	3777805.8	408.3	3.49	4.00	3.25
YES		NO						
L0005536	0	0.28650E-06	466513.5	3777813.2	408.6	3.49	4.00	3.25
YES		NO						
L0005537	0	0.28650E-06	466517.9	3777820.6	408.8	3.49	4.00	3.25
YES		NO						
L0005538	0	0.28650E-06	466522.2	3777828.0	409.0	3.49	4.00	3.25

YES NO
L0005539 0 0.28650E-06 466526.6 3777835.3 409.0 3.49 4.00 3.25
YES NO
L0005540 0 0.28650E-06 466531.0 3777842.7 409.0 3.49 4.00 3.25
YES NO
L0005541 0 0.28650E-06 466535.3 3777850.1 409.0 3.49 4.00 3.25
YES NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/26/24
*** AERMET - VERSION 16216 ***
*** *** 09:09:04

PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0005542	0	0.28650E-06	466539.7	3777857.5	409.0	3.49	4.00	3.25	
YES		NO							
L0005543	0	0.28650E-06	466544.1	3777864.9	409.2	3.49	4.00	3.25	
YES		NO							
L0005544	0	0.57350E-06	466407.5	3777959.9	412.0	3.49	4.00	3.25	
YES		NO							
L0005545	0	0.57350E-06	466403.2	3777952.5	412.0	3.49	4.00	3.25	
YES		NO							
L0005546	0	0.57350E-06	466398.9	3777945.0	412.0	3.49	4.00	3.25	
YES		NO							
L0005547	0	0.57350E-06	466394.6	3777937.6	411.7	3.49	4.00	3.25	
YES		NO							
L0005548	0	0.57350E-06	466390.3	3777930.2	411.5	3.49	4.00	3.25	
YES		NO							
L0005549	0	0.57350E-06	466385.9	3777922.7	411.3	3.49	4.00	3.25	
YES		NO							
L0005550	0	0.57350E-06	466381.6	3777915.3	411.3	3.49	4.00	3.25	
YES		NO							
L0005551	0	0.57350E-06	466377.3	3777907.9	411.3	3.49	4.00	3.25	
YES		NO							
L0005552	0	0.57350E-06	466373.0	3777900.5	411.3	3.49	4.00	3.25	
YES		NO							
L0005553	0	0.57350E-06	466368.7	3777893.0	411.2	3.49	4.00	3.25	
YES		NO							
L0005554	0	0.57350E-06	466364.4	3777885.6	411.0	3.49	4.00	3.25	
YES		NO							
L0005555	0	0.57350E-06	466360.1	3777878.2	411.0	3.49	4.00	3.25	
YES		NO							
L0005556	0	0.57350E-06	466355.8	3777870.7	411.1	3.49	4.00	3.25	
YES		NO							
L0005557	0	0.57350E-06	466351.5	3777863.3	411.3	3.49	4.00	3.25	
YES		NO							
L0005558	0	0.57350E-06	466347.2	3777855.9	411.4	3.49	4.00	3.25	
YES		NO							
L0005559	0	0.57350E-06	466342.8	3777848.4	411.4	3.49	4.00	3.25	
YES		NO							
L0005560	0	0.57350E-06	466338.5	3777841.0	411.4	3.49	4.00	3.25	
YES		NO							
L0005561	0	0.57350E-06	466334.2	3777833.6	411.2	3.49	4.00	3.25	

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 YES                  NO
 L0005562         0   0.57350E-06  466329.9 3777826.1   411.0     3.49     4.00     3.25
 YES                  NO
 L0005563         0   0.57350E-06  466325.6 3777818.7   411.1     3.49     4.00     3.25
 YES                  NO
 L0005564         0   0.57350E-06  466321.3 3777811.3   411.3     3.49     4.00     3.25
 YES                  NO
 L0005565         0   0.57350E-06  466317.0 3777803.9   411.4     3.49     4.00     3.25
 YES                  NO
 L0005566         0   0.57350E-06  466312.7 3777796.4   411.6     3.49     4.00     3.25
 YES                  NO
 L0005567         0   0.57350E-06  466308.4 3777789.0   411.5     3.49     4.00     3.25
 YES                  NO
 L0005568         0   0.57350E-06  466304.0 3777781.6   411.4     3.49     4.00     3.25
 YES                  NO
 L0005569         0   0.57350E-06  466299.7 3777774.1   411.3     3.49     4.00     3.25
 YES                  NO
 L0005570         0   0.57350E-06  466297.4 3777765.9   411.2     3.49     4.00     3.25
 YES                  NO
 L0005571         0   0.57350E-06  466295.2 3777757.6   411.5     3.49     4.00     3.25
 YES                  NO
 L0005572         0   0.57350E-06  466293.0 3777749.3   411.8     3.49     4.00     3.25
 YES                  NO
 L0005573         0   0.57350E-06  466291.9 3777740.9   412.0     3.49     4.00     3.25
 YES                  NO
 L0005574         0   0.57350E-06  466292.6 3777732.3   412.3     3.49     4.00     3.25
 YES                  NO
 L0005575         0   0.57350E-06  466293.3 3777723.8   413.0     3.49     4.00     3.25
 YES                  NO
 L0005576         0   0.57350E-06  466295.3 3777715.8   413.5     3.49     4.00     3.25
 YES                  NO
 L0005577         0   0.57350E-06  466301.3 3777709.6   413.6     3.49     4.00     3.25
 YES                  NO
 L0005578         0   0.57350E-06  466307.2 3777704.0   413.5     3.49     4.00     3.25
 YES                  NO
 L0005579         0   0.57350E-06  466313.1 3777710.2   412.8     3.49     4.00     3.25
 YES                  NO
 L0005580         0   0.57350E-06  466319.1 3777716.3   412.1     3.49     4.00     3.25
 YES                  NO
 L0005581         0   0.57350E-06  466325.1 3777722.5   411.6     3.49     4.00     3.25
 YES                  NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:09:04

                     PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
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 L0005582         0   0.57350E-06  466330.3 3777729.3   411.2     3.49     4.00     3.25
 YES                  NO
 L0005583         0   0.57350E-06  466334.8 3777736.6   411.0     3.49     4.00     3.25
 YES                  NO
 L0005584         0   0.57350E-06  466339.3 3777743.9   410.9     3.49     4.00     3.25
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YES		NO						
L0005585	0	0.57350E-06	466343.8	3777751.3	410.8	3.49	4.00	3.25
YES		NO						
L0005586	0	0.57350E-06	466348.3	3777758.6	410.5	3.49	4.00	3.25
YES		NO						
L0005587	0	0.57350E-06	466352.8	3777765.9	410.2	3.49	4.00	3.25
YES		NO						
L0005588	0	0.57350E-06	466357.3	3777773.2	410.3	3.49	4.00	3.25
YES		NO						
L0005589	0	0.57350E-06	466361.8	3777780.5	410.4	3.49	4.00	3.25
YES		NO						
L0005590	0	0.57350E-06	466366.3	3777787.8	410.6	3.49	4.00	3.25
YES		NO						
L0005591	0	0.57350E-06	466370.8	3777795.1	410.6	3.49	4.00	3.25
YES		NO						
L0005592	0	0.57350E-06	466375.3	3777802.5	410.6	3.49	4.00	3.25
YES		NO						
L0005593	0	0.57350E-06	466379.8	3777809.8	410.6	3.49	4.00	3.25
YES		NO						
L0005594	0	0.57350E-06	466384.3	3777817.1	410.8	3.49	4.00	3.25
YES		NO						
L0005595	0	0.57350E-06	466388.8	3777824.4	410.9	3.49	4.00	3.25
YES		NO						
L0005596	0	0.57350E-06	466393.3	3777831.7	410.9	3.49	4.00	3.25
YES		NO						
L0005597	0	0.57350E-06	466397.8	3777839.0	410.7	3.49	4.00	3.25
YES		NO						
L0005598	0	0.57350E-06	466402.3	3777846.3	410.6	3.49	4.00	3.25
YES		NO						
L0005599	0	0.57350E-06	466406.8	3777853.6	410.4	3.49	4.00	3.25
YES		NO						
L0005600	0	0.57350E-06	466411.3	3777861.0	410.4	3.49	4.00	3.25
YES		NO						
L0005601	0	0.57350E-06	466415.8	3777868.3	410.5	3.49	4.00	3.25
YES		NO						
L0005602	0	0.57350E-06	466420.4	3777875.6	410.6	3.49	4.00	3.25
YES		NO						
L0005603	0	0.57350E-06	466424.9	3777882.9	410.7	3.49	4.00	3.25
YES		NO						
L0005604	0	0.57350E-06	466429.4	3777890.2	410.7	3.49	4.00	3.25
YES		NO						
L0005605	0	0.57350E-06	466433.9	3777897.5	410.7	3.49	4.00	3.25
YES		NO						
L0005606	0	0.57350E-06	466438.4	3777904.8	410.8	3.49	4.00	3.25
YES		NO						
L0005607	0	0.57350E-06	466442.9	3777912.2	410.9	3.49	4.00	3.25
YES		NO						
L0005608	0	0.57350E-06	466447.4	3777919.5	411.0	3.49	4.00	3.25
YES		NO						
L0005609	0	0.57350E-06	466452.5	3777924.2	410.9	3.49	4.00	3.25
YES		NO						
L0005610	0	0.57350E-06	466459.6	3777919.5	410.7	3.49	4.00	3.25
YES		NO						
L0005611	0	0.57350E-06	466466.8	3777914.7	410.4	3.49	4.00	3.25
YES		NO						
L0005612	0	0.57350E-06	466473.9	3777910.0	410.2	3.49	4.00	3.25
YES		NO						
L0005613	0	0.57350E-06	466481.1	3777905.3	410.0	3.49	4.00	3.25
YES		NO						
L0005614	0	0.57350E-06	466488.3	3777900.5	410.0	3.49	4.00	3.25
YES		NO						
L0005615	0	0.57350E-06	466495.4	3777895.8	410.0	3.49	4.00	3.25
YES		NO						
L0005616	0	0.57350E-06	466495.1	3777889.4	410.0	3.49	4.00	3.25
YES		NO						
L0005617	0	0.57350E-06	466490.5	3777882.1	409.9	3.49	4.00	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0005618	0	0.57350E-06	466485.9	3777874.9	409.9	3.49	4.00	3.25	YES	NO
L0005619	0	0.57350E-06	466481.4	3777867.6	410.0	3.49	4.00	3.25	YES	NO
L0005620	0	0.57350E-06	466476.8	3777860.3	410.0	3.49	4.00	3.25	YES	NO
L0005621	0	0.57350E-06	466472.2	3777853.0	409.9	3.49	4.00	3.25	YES	NO
L0005622	0	0.57350E-06	466467.7	3777845.7	409.8	3.49	4.00	3.25	YES	NO
L0005623	0	0.57350E-06	466463.1	3777838.5	409.7	3.49	4.00	3.25	YES	NO
L0005624	0	0.57350E-06	466458.5	3777831.2	409.8	3.49	4.00	3.25	YES	NO
L0005625	0	0.57350E-06	466454.0	3777823.9	409.8	3.49	4.00	3.25	YES	NO
L0005626	0	0.57350E-06	466449.4	3777816.6	409.7	3.49	4.00	3.25	YES	NO
L0005627	0	0.57350E-06	466444.9	3777809.4	409.5	3.49	4.00	3.25	YES	NO
L0005628	0	0.57350E-06	466440.3	3777802.1	409.4	3.49	4.00	3.25	YES	NO
L0005629	0	0.57350E-06	466435.7	3777794.8	409.4	3.49	4.00	3.25	YES	NO
L0005630	0	0.57350E-06	466431.2	3777787.5	409.4	3.49	4.00	3.25	YES	NO
L0005631	0	0.57350E-06	466426.6	3777780.2	409.4	3.49	4.00	3.25	YES	NO
L0005632	0	0.57350E-06	466422.0	3777773.0	409.2	3.49	4.00	3.25	YES	NO
L0005633	0	0.57350E-06	466417.5	3777765.7	409.1	3.49	4.00	3.25	YES	NO
L0005634	0	0.57350E-06	466412.9	3777758.4	409.2	3.49	4.00	3.25	YES	NO
L0005635	0	0.57350E-06	466408.4	3777751.1	409.4	3.49	4.00	3.25	YES	NO
L0005636	0	0.57350E-06	466403.8	3777743.9	409.5	3.49	4.00	3.25	YES	NO
L0005637	0	0.57350E-06	466399.2	3777736.6	409.7	3.49	4.00	3.25	YES	NO
L0005638	0	0.57350E-06	466394.7	3777729.3	409.8	3.49	4.00	3.25	YES	NO
L0005639	0	0.57350E-06	466390.1	3777722.0	410.0	3.49	4.00	3.25	YES	NO
L0005640	0	0.57350E-06	466385.5	3777714.8	410.2	3.49	4.00	3.25		

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 YES                   NO
 L0005641         0   0.57350E-06  466381.0 3777707.5   410.6     3.49     4.00     3.25
 YES                   NO
 L0005642         0   0.57350E-06  466376.4 3777700.2   410.9     3.49     4.00     3.25
 YES                   NO
 L0005643         0   0.57350E-06  466371.8 3777692.9   411.2     3.49     4.00     3.25
 YES                   NO
 L0005644         0   0.57350E-06  466367.3 3777685.6   411.5     3.49     4.00     3.25
 YES                   NO
 L0005645         0   0.57350E-06  466362.7 3777678.4   411.8     3.49     4.00     3.25
 YES                   NO
 L0005646         0   0.57350E-06  466358.2 3777671.1   412.1     3.49     4.00     3.25
 YES                   NO
 L0005647         0   0.57350E-06  466353.6 3777663.8   412.2     3.49     4.00     3.25
 YES                   NO
 L0005648         0   0.57350E-06  466349.0 3777656.5   412.4     3.49     4.00     3.25
 YES                   NO
 L0005649         0   0.57350E-06  466344.5 3777649.3   412.5     3.49     4.00     3.25
 YES                   NO
 L0005650         0   0.57350E-06  466339.9 3777642.0   412.6     3.49     4.00     3.25
 YES                   NO
 L0005651         0   0.57350E-06  466335.3 3777634.7   412.8     3.49     4.00     3.25
 YES                   NO
 L0005652         0   0.57350E-06  466337.1 3777627.8   412.6     3.49     4.00     3.25
 YES                   NO
 L0005653         0   0.57350E-06  466342.5 3777621.2   412.2     3.49     4.00     3.25
 YES                   NO
 L0005654         0   0.57350E-06  466348.0 3777614.6   411.8     3.49     4.00     3.25
 YES                   NO
 L0005655         0   0.57350E-06  466353.5 3777608.0   411.7     3.49     4.00     3.25
 YES                   NO
 L0005656         0   0.57350E-06  466360.7 3777603.5   411.4     3.49     4.00     3.25
 YES                   NO
 L0005657         0   0.57350E-06  466368.3 3777599.6   411.0     3.49     4.00     3.25
 YES                   NO
 L0005658         0   0.57350E-06  466376.0 3777595.6   410.4     3.49     4.00     3.25
 YES                   NO
 L0005659         0   0.57350E-06  466381.0 3777601.3   410.1     3.49     4.00     3.25
 YES                   NO
 L0005660         0   0.57350E-06  466385.5 3777608.6   410.0     3.49     4.00     3.25
 YES                   NO
 L0005661         0   0.57350E-06  466390.0 3777615.9   410.0     3.49     4.00     3.25
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 ***        01/26/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:09:04

                     PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
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 L0005662         0   0.57350E-06  466394.6 3777623.2   409.7     3.49     4.00     3.25
 YES                   NO
 L0005663         0   0.57350E-06  466399.1 3777630.5   409.4     3.49     4.00     3.25
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YES		NO						
L0005664	0	0.57350E-06	466403.6	3777637.8	409.1	3.49	4.00	3.25
YES		NO						
L0005665	0	0.57350E-06	466408.2	3777645.0	408.8	3.49	4.00	3.25
YES		NO						
L0005666	0	0.57350E-06	466412.7	3777652.3	408.5	3.49	4.00	3.25
YES		NO						
L0005667	0	0.57350E-06	466417.3	3777659.6	408.2	3.49	4.00	3.25
YES		NO						
L0005668	0	0.57350E-06	466421.8	3777666.9	408.0	3.49	4.00	3.25
YES		NO						
L0005669	0	0.57350E-06	466426.3	3777674.2	408.0	3.49	4.00	3.25
YES		NO						
L0005670	0	0.57350E-06	466430.9	3777681.5	408.0	3.49	4.00	3.25
YES		NO						
L0005671	0	0.57350E-06	466435.4	3777688.8	408.0	3.49	4.00	3.25
YES		NO						
L0005672	0	0.57350E-06	466441.2	3777690.7	408.0	3.49	4.00	3.25
YES		NO						
L0005673	0	0.57350E-06	466448.4	3777686.0	408.0	3.49	4.00	3.25
YES		NO						
L0005674	0	0.57350E-06	466455.6	3777681.3	407.8	3.49	4.00	3.25
YES		NO						
L0005675	0	0.57350E-06	466462.8	3777676.7	407.6	3.49	4.00	3.25
YES		NO						
L0005676	0	0.57350E-06	466470.0	3777672.0	407.3	3.49	4.00	3.25
YES		NO						
L0005677	0	0.57350E-06	466477.2	3777667.3	407.1	3.49	4.00	3.25
YES		NO						
L0005678	0	0.57350E-06	466484.4	3777662.7	407.0	3.49	4.00	3.25
YES		NO						
L0005679	0	0.57350E-06	466487.7	3777657.2	407.0	3.49	4.00	3.25
YES		NO						
L0005680	0	0.57350E-06	466482.9	3777650.1	407.0	3.49	4.00	3.25
YES		NO						
L0005681	0	0.57350E-06	466478.0	3777643.1	407.1	3.49	4.00	3.25
YES		NO						
L0005682	0	0.57350E-06	466473.2	3777636.0	407.2	3.49	4.00	3.25
YES		NO						
L0005683	0	0.57350E-06	466468.3	3777628.9	407.4	3.49	4.00	3.25
YES		NO						
L0005684	0	0.57350E-06	466463.5	3777621.8	407.6	3.49	4.00	3.25
YES		NO						
L0005685	0	0.57350E-06	466458.6	3777614.7	407.7	3.49	4.00	3.25
YES		NO						
L0005686	0	0.57350E-06	466455.8	3777608.0	407.8	3.49	4.00	3.25
YES		NO						
L0005687	0	0.57350E-06	466463.0	3777603.5	407.6	3.49	4.00	3.25
YES		NO						
L0005688	0	0.57350E-06	466470.3	3777598.9	407.3	3.49	4.00	3.25
YES		NO						
L0005689	0	0.57350E-06	466477.5	3777594.3	407.1	3.49	4.00	3.25
YES		NO						
L0005690	0	0.57350E-06	466484.8	3777589.7	406.8	3.49	4.00	3.25
YES		NO						
L0005691	0	0.57350E-06	466492.1	3777585.1	406.6	3.49	4.00	3.25
YES		NO						
L0005692	0	0.57350E-06	466499.3	3777580.5	406.4	3.49	4.00	3.25
YES		NO						
L0005693	0	0.57350E-06	466506.6	3777575.9	406.1	3.49	4.00	3.25
YES		NO						
L0005694	0	0.57350E-06	466513.9	3777571.3	406.0	3.49	4.00	3.25
YES		NO						
L0005695	0	0.57350E-06	466521.1	3777566.8	406.0	3.49	4.00	3.25
YES		NO						
L0005696	0	0.57350E-06	466528.4	3777562.2	406.0	3.49	4.00	3.25

YES NO
L0005697 0 0.57350E-06 466535.6 3777557.6 406.0 3.49 4.00 3.25
YES NO
L0005698 0 0.57350E-06 466542.9 3777553.0 405.9 3.49 4.00 3.25
YES NO
L0005699 0 0.57350E-06 466550.2 3777548.4 405.7 3.49 4.00 3.25
YES NO
L0005700 0 0.57350E-06 466557.4 3777543.8 405.4 3.49 4.00 3.25
YES NO
L0005701 0 0.57350E-06 466564.7 3777539.2 405.2 3.49 4.00 3.25
YES NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper 210\14324 Ops\1432 *** 01/26/24
*** AERMET - VERSION 16216 ***
*** *** 09:09:04

PAGE 32
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0005702	0	0.57350E-06	466572.0	3777534.6	405.0	3.49	4.00	3.25	YES NO
L0005703	0	0.57350E-06	466579.2	3777530.0	405.0	3.49	4.00	3.25	YES NO
L0005704	0	0.57350E-06	466586.5	3777525.5	405.0	3.49	4.00	3.25	YES NO
L0005705	0	0.57350E-06	466593.7	3777520.9	405.0	3.49	4.00	3.25	YES NO
L0005706	0	0.57350E-06	466601.0	3777516.3	405.0	3.49	4.00	3.25	YES NO
L0005707	0	0.57350E-06	466608.3	3777511.7	404.7	3.49	4.00	3.25	YES NO
L0005708	0	0.57350E-06	466615.5	3777507.1	404.5	3.49	4.00	3.25	YES NO
L0005709	0	0.57350E-06	466622.8	3777502.5	404.2	3.49	4.00	3.25	YES NO
L0005710	0	0.57350E-06	466626.1	3777497.0	404.1	3.49	4.00	3.25	YES NO
L0005711	0	0.57350E-06	466621.7	3777489.7	404.3	3.49	4.00	3.25	YES NO
L0005712	0	0.57350E-06	466617.2	3777482.3	404.4	3.49	4.00	3.25	YES NO
L0005713	0	0.57350E-06	466612.5	3777475.9	404.6	3.49	4.00	3.25	YES NO
L0005714	0	0.57350E-06	466604.7	3777479.5	404.8	3.49	4.00	3.25	YES NO
L0005715	0	0.57350E-06	466596.9	3777483.2	405.0	3.49	4.00	3.25	YES NO
L0005716	0	0.57350E-06	466589.1	3777486.8	405.0	3.49	4.00	3.25	YES NO
L0005717	0	0.57350E-06	466581.4	3777490.5	405.0	3.49	4.00	3.25	YES NO
L0005718	0	0.57350E-06	466573.2	3777491.9	405.0	3.49	4.00	3.25	YES NO
L0005719	0	0.57350E-06	466564.6	3777491.3	405.2	3.49	4.00	3.25	

YES NO
L0005720 0 0.57350E-06 466556.1 3777490.6 405.5 3.49 4.00 3.25
YES NO
L0005721 0 0.57350E-06 466547.7 3777490.7 405.7 3.49 4.00 3.25
YES NO
L0005722 0 0.57350E-06 466540.4 3777495.3 406.0 3.49 4.00 3.25
YES NO
L0005723 0 0.57350E-06 466533.2 3777499.9 406.2 3.49 4.00 3.25
YES NO
L0005724 0 0.57350E-06 466525.9 3777504.5 406.3 3.49 4.00 3.25
YES NO
L0005725 0 0.57350E-06 466518.6 3777509.1 406.4 3.49 4.00 3.25
YES NO
L0005726 0 0.57350E-06 466511.4 3777513.7 406.4 3.49 4.00 3.25
YES NO
L0005727 0 0.57350E-06 466504.1 3777518.3 406.4 3.49 4.00 3.25
YES NO
L0005728 0 0.57350E-06 466496.9 3777522.9 406.5 3.49 4.00 3.25
YES NO
L0005729 0 0.57350E-06 466489.6 3777527.5 406.7 3.49 4.00 3.25
YES NO
L0005730 0 0.57350E-06 466482.4 3777532.1 406.9 3.49 4.00 3.25
YES NO
L0005731 0 0.57350E-06 466475.1 3777536.7 407.0 3.49 4.00 3.25
YES NO
L0005732 0 0.57350E-06 466467.9 3777541.3 407.0 3.49 4.00 3.25
YES NO
L0005733 0 0.57350E-06 466460.6 3777545.9 407.0 3.49 4.00 3.25
YES NO
L0005734 0 0.57350E-06 466453.4 3777550.5 407.0 3.49 4.00 3.25
YES NO
L0005735 0 0.57350E-06 466446.1 3777555.1 407.1 3.49 4.00 3.25
YES NO
L0005736 0 0.57350E-06 466438.8 3777559.7 407.4 3.49 4.00 3.25
YES NO
L0005737 0 0.57350E-06 466431.6 3777564.3 407.7 3.49 4.00 3.25
YES NO
L0005738 0 0.57350E-06 466424.3 3777568.9 407.9 3.49 4.00 3.25
YES NO
L0005739 0 0.57350E-06 466417.1 3777573.5 408.1 3.49 4.00 3.25
YES NO
L0005740 0 0.57350E-06 466409.8 3777578.1 408.3 3.49 4.00 3.25
YES NO
L0005741 0 0.57350E-06 466402.6 3777582.7 408.6 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0005742	0	0.57350E-06	466395.3	3777587.3	408.9	3.49	4.00	3.25

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 ,
	L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 , L0003968 ,
	L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , L0003975 , L0003976 ,
	L0003977 , L0003978 , L0003979 , L0003980 , L0003981 , L0003982 , L0003983 , L0003984 ,
	L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 ,
	L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 ,
	L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 ,
	L0004009 , L0004010 , L0004011 , L0004012 , L0004013 , L0004014 , L0004015 , L0004016 ,
	L0004017 , L0004018 , L0004019 , L0004020 , L0004021 , L0004022 , L0004023 , L0004024 ,
	L0004025 , L0004026 , L0004027 , L0004028 , L0004029 , L0004030 , L0004031 , L0004032 ,
	L0004033 , L0004034 , L0004035 , L0004036 , L0004037 , L0004038 , L0004039 , L0004040 ,
	L0004041 , L0004042 , L0004043 , L0004044 , L0004045 , L0004046 , L0004047 , L0004048 ,
	L0004049 , L0004050 , L0004051 , L0004052 , L0004053 , L0004054 , L0004055 , L0004056 ,
	L0004057 , L0004058 , L0004059 , L0004060 , L0004061 , L0004062 , L0004063 , L0004064 ,
	L0004065 , L0004066 , L0004067 , L0004068 , L0004069 , L0004070 , L0004071 , L0004072 ,
	L0004073 , L0004074 , L0004075 , L0004076 , L0004077 , L0004078 , L0004079 , L0004080 ,

L0004081 , L0004082 , L0004083 , L0004084 , L0004085 , L0004086 ,
L0004087 , L0004088 ,

L0004089 , L0004090 , L0004091 , L0004092 , L0004093 , L0004094 ,
L0004095 , L0004096 ,

L0004097 , L0004098 , L0004099 , L0004100 , L0004101 , L0004102 ,
L0004103 , L0004104 ,

L0004105 , L0004106 , L0004107 , L0004108 , L0004109 , L0004110 ,
L0004111 , L0004112 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0004113 , L0004114 , L0004115 , L0004116 , L0004117 , L0004118 ,
L0004119 , L0004120 ,

L0004121 , L0004122 , L0004123 , L0004124 , L0004125 , L0004126 ,
L0004127 , L0004128 ,

L0004129 , L0004130 , L0004131 , L0004132 , L0004133 , L0004134 ,
L0004135 , L0004136 ,

L0004137 , L0004138 , L0004139 , L0004140 , L0004141 , L0004142 ,
L0004143 , L0004144 ,

L0004145 , L0004146 , L0004147 , L0004148 , L0004149 , L0004150 ,
L0004151 , L0004152 ,

L0004153 , L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 ,

L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 ,

L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
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L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , L0004182 ,
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L0004215 , L0004216 ,

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L0004223 , L0004224 ,

L0004225 , L0004226 , L0004227 , L0004228 , L0004229 , L0004230 ,
L0004231 , L0004232 ,

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L0004239 , L0004240 ,

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L0004263 , L0004264 ,

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L0004271 , L0004272 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0004273 , L0004274 , L0004275 , L0004276 , L0004277 , L0004278 ,
L0004279 , L0004280 ,

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L0004287 , L0004288 ,

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L0004319 , L0004320 ,

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L0004351 , L0004352 ,

L0004353 , L0004354 , L0004355 , L0004356 , L0004357 , L0004358 ,
L0004359 , L0004360 ,

L0004361 , L0004362 , L0004363 , L0004364 , L0004365 , L0004366 ,
L0004367 , L0004368 ,

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L0004375 , L0004376 ,

L0004377 , L0004378 , L0004379 , L0004380 , L0004381 , L0004382 ,
L0004383 , L0004384 ,

L0004385 , L0004386 , L0004387 , L0004388 , L0004389 , L0004390 ,
L0004391 , L0004392 ,

L0004393 , L0004394 , L0004395 , L0004396 , L0004397 , L0004398 ,
L0004399 , L0004400 ,

L0004401 , L0004402 , L0004403 , L0004404 , L0004405 , L0004406 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0004441 , L0004442 , L0004443 , L0004444 , L0004445 , L0004446 ,
L0004447 , L0004448 ,

L0004449 , L0004450 , L0004451 , L0004452 , L0004453 , L0004454 ,
L0004455 , L0004456 ,

L0004457 , L0004458 , L0004459 , L0004460 , L0004461 , L0004462 ,
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L0004465 , L0004466 , L0004467 , L0004468 , L0004469 , L0004470 ,
L0004471 , L0004472 ,

L0004473 , L0004474 , L0004475 , L0004476 , L0004477 , L0004478 ,
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L0004497 , L0004498 , L0004499 , L0004500 , L0004501 , L0004502 ,
L0004503 , L0004504 ,

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L0005173 , L0005174 , L0005175 , L0005176 , L0005177 , L0005178 ,
L0005179 , L0005180 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005197 , L0005198 , L0005199 , L0005200 , L0005201 , L0005202 , L0005203 , L0005204 ,
	L0005205 , L0005206 , L0005207 , L0005208 , L0005209 , L0005210 , L0005211 , L0005212 ,
	L0005213 , L0005214 , L0005215 , L0005216 , L0005217 , L0005218 , L0005219 , L0005220 ,
	L0005221 , L0005222 , L0005223 , L0005224 , L0005225 , L0005226 ,

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L0005331 , L0005332 ,

L0005333 , L0005334 , L0005335 , L0005336 , L0005337 , L0005338 ,
L0005339 , L0005340 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005349 , L0005350 , L0005351 , L0005352 , L0005353 , L0005354 , L0005355 , L0005356 ,
	L0005357 , L0005358 , L0005359 , L0005360 , L0005361 , L0005362 , L0005363 , L0005364 ,

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L0005483 , L0005484 ,

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L0005491 , L0005492 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0005525 , L0005526 , L0005527 , L0005528 , L0005529 , L0005530 ,
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L0005573 , L0005574 , L0005575 , L0005576 , L0005577 , L0005578 ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID — 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

2035210. L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 ,

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L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , L0003975 , L0003976 ,

L0003977 , L0003978 , L0003979 , L0003980 , L0003981 , L0003982 , L0003983 , L0003984 ,

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L0003999 , L0004000 ,

L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 ,
L0004007 , L0004008 ,

L0004009 , L0004010 , L0004011 , L0004012 , L0004013 , L0004014 ,
L0004015 , L0004016 ,

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L0004097 , L0004098 , L0004099 , L0004100 , L0004101 , L0004102 ,
L0004103 , L0004104 ,

L0004105 , L0004106 , L0004107 , L0004108 , L0004109 , L0004110 ,
L0004111 , L0004112 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0004113 , L0004114 , L0004115 , L0004116 , L0004117 , L0004118 ,
L0004119 , L0004120 ,

L0004121 , L0004122 , L0004123 , L0004124 , L0004125 , L0004126 ,
L0004127 , L0004128 ,

L0004129 , L0004130 , L0004131 , L0004132 , L0004133 , L0004134 ,
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L0004145 , L0004146 , L0004147 , L0004148 , L0004149 , L0004150 ,
L0004151 , L0004152 ,

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L0004167 , L0004168 ,

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L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , L0004182 ,
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L0004191 , L0004192 ,

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L0004199 , L0004200 ,

L0004201 , L0004202 , L0004203 , L0004204 , L0004205 , L0004206 ,
L0004207 , L0004208 ,

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L0004223 , L0004224 ,

L0004225 , L0004226 , L0004227 , L0004228 , L0004229 , L0004230 ,
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L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 ,
L0004239 , L0004240 ,

L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 ,
L0004247 , L0004248 ,

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L0004255 , L0004256 ,

L0004257 , L0004258 , L0004259 , L0004260 , L0004261 , L0004262 ,
L0004263 , L0004264 ,

L0004265 , L0004266 , L0004267 , L0004268 , L0004269 , L0004270 ,
L0004271 , L0004272 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0004273 , L0004274 , L0004275 , L0004276 , L0004277 , L0004278 ,
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L0004287 , L0004288 ,

L0004289 , L0004290 , L0004291 , L0004292 , L0004293 , L0004294 ,
L0004295 , L0004296 ,

L0004297 , L0004298 , L0004299 , L0004300 , L0004301 , L0004302 ,
L0004303 , L0004304 ,

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L0004319 , L0004320 ,

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L0004337 , L0004338 , L0004339 , L0004340 , L0004341 , L0004342 ,
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L0004345 , L0004346 , L0004347 , L0004348 , L0004349 , L0004350 ,
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L0004353 , L0004354 , L0004355 , L0004356 , L0004357 , L0004358 ,
L0004359 , L0004360 ,

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L0004367 , L0004368 ,

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

URBAN ID	URBAN POP	SOURCE IDs
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		L0004441 , L0004442 , L0004443 , L0004444 , L0004445 , L0004446 , L0004447 , L0004448 ,
		L0004449 , L0004450 , L0004451 , L0004452 , L0004453 , L0004454 , L0004455 , L0004456 ,
		L0004457 , L0004458 , L0004459 , L0004460 , L0004461 , L0004462 , L0004463 , L0004464 ,
		L0004465 , L0004466 , L0004467 , L0004468 , L0004469 , L0004470 , L0004471 , L0004472 ,
		L0004473 , L0004474 , L0004475 , L0004476 , L0004477 , L0004478 , L0004479 , L0004480 ,
		L0004481 , L0004482 , L0004483 , L0004484 , L0004485 , L0004486 , L0004487 , L0004488 ,
		L0004489 , L0004490 , L0004491 , L0004492 , L0004493 , L0004494 , L0004495 , L0004496 ,
		L0004497 , L0004498 , L0004499 , L0004500 , L0004501 , L0004502 , L0004503 , L0004504 ,
		L0004505 , L0004506 , L0004507 , L0004508 , L0004509 , L0004510 , L0004511 , L0004512 ,
		L0004513 , L0004514 , L0004515 , L0004516 , L0004517 , L0004518 , L0004519 , L0004520 ,
		L0004521 , L0004522 , L0004523 , L0004524 , L0004525 , L0004526 , L0004527 , L0004528 ,
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		L0004537 , L0004538 , L0004539 , L0004540 , L0004541 , L0004542 , STCK1 , L0005132 ,
		L0005133 , L0005134 , L0005135 , L0005136 , L0005137 , L0005138 , L0005139 , L0005140 ,
		L0005141 , L0005142 , L0005143 , L0005144 , L0005145 , L0005146 , L0005147 , L0005148 ,
		L0005149 , L0005150 , L0005151 , L0005152 , L0005153 , L0005154 , L0005155 , L0005156 ,
		L0005157 , L0005158 , L0005159 , L0005160 , L0005161 , L0005162 , L0005163 , L0005164 ,

L0005165 , L0005166 , L0005167 , L0005168 , L0005169 , L0005170 ,
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L0005173 , L0005174 , L0005175 , L0005176 , L0005177 , L0005178 ,
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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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L0005269 , L0005270 , L0005271 , L0005272 , L0005273 , L0005274 ,
L0005275 , L0005276 ,

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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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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0005637 , L0005638 , L0005639 , L0005640 , L0005641 , L0005642 ,
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L0005659 , L0005660 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0005669 , L0005670 , L0005671 , L0005672 , L0005673 , L0005674 ,
L0005675 , L0005676 ,

L0005677 , L0005678 , L0005679 , L0005680 , L0005681 , L0005682 ,
L0005683 , L0005684 ,

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L0005691 , L0005692 ,

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L0005699 , L0005700 ,

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L0005715 , L0005716 ,

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L0005731 , L0005732 ,

L0005733 , L0005734 , L0005735 , L0005736 , L0005737 , L0005738 ,
L0005739 , L0005740 ,

L0005741 , L0005742 , L0005743 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	16.8,	667.1,	396.4,	-90.6,	311.8,	2	16.8,	681.0,	302.7,	-105.1,	327.4,
3	16.8,	674.1,	199.8,	-116.5,	333.1,	4	16.8,	683.8,	251.8,	-198.1,	327.8,
5	16.8,	680.0,	348.8,	-298.1,	313.8,	6	16.8,	656.0,	436.5,	-388.9,	289.9,
7	16.8,	616.8,	510.9,	-468.0,	254.9,	8	16.8,	558.8,	579.7,	-542.8,	212.2,
9	16.8,	483.8,	633.0,	-603.3,	162.9,	10	16.8,	396.4,	667.1,	-645.4,	107.7,
11	16.8,	302.7,	681.0,	-667.9,	46.2,	12	16.8,	199.8,	674.1,	-670.1,	-16.6,
13	16.8,	251.8,	683.8,	-669.8,	-72.2,	14	16.8,	348.8,	680.0,	-653.8,	-123.6,
15	16.8,	436.5,	656.0,	-617.9,	-170.7,	16	16.8,	510.9,	616.8,	-563.3,	-212.6,
17	16.8,	579.7,	558.8,	-491.5,	-253.0,	18	16.8,	633.0,	483.8,	-404.9,	-286.8,
19	16.8,	667.1,	396.4,	-305.9,	-311.8,	20	16.8,	681.0,	302.7,	-197.6,	-327.4,
21	16.8,	674.1,	199.8,	-83.3,	-333.1,	22	16.8,	683.8,	251.8,	-53.6,	-327.8,
23	16.8,	680.0,	348.8,	-50.8,	-313.8,	24	16.8,	656.0,	436.5,	-47.5,	-289.9,
25	16.8,	616.8,	510.9,	-42.8,	-254.9,	26	16.8,	558.8,	579.7,	-36.9,	-212.2,
27	16.8,	483.8,	633.0,	-29.8,	-162.9,	28	16.8,	396.4,	667.1,	-21.8,	-107.7,
29	16.8,	302.7,	681.0,	-13.1,	-46.2,	30	16.8,	199.8,	674.1,	-4.0,	16.6,
31	16.8,	251.8,	683.8,	-14.1,	72.2,	32	16.8,	348.8,	680.0,	-26.2,	123.6,
33	16.8,	436.5,	656.0,	-38.1,	170.7,	34	16.8,	510.9,	616.8,	-53.5,	212.6,
35	16.8,	579.7,	558.8,	-67.2,	253.0,	36	16.8,	633.0,	483.8,	-79.0,	286.8,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = STCK1 ; SOURCE TYPE = POINT :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

(466235.5, 3777488.7, 425.1, 1639.0, 0.0); (466229.9, 3777556.6, 425.3, 1639.0, 0.0);
(466229.2, 3777575.8, 425.6, 1639.0, 0.0); (466228.5, 3777604.3, 426.1, 1639.0, 0.0);
(466229.4, 3777625.9, 426.1, 1639.0, 0.0); (466228.5, 3777654.2, 425.8, 1639.0, 0.0);
(466218.9, 3777693.8, 425.5, 1639.0, 0.0); (466196.2, 3777721.9, 425.7, 1639.0, 0.0);
(466169.2, 3777745.6, 426.0, 1639.0, 0.0); (466153.7, 3777858.5, 423.7, 1642.0, 0.0);
(466114.7, 3777944.8, 423.2, 1642.0, 0.0); (468136.0, 3778118.8, 404.2, 1659.0, 0.0);
(468118.4, 3777969.6, 402.0, 1659.0, 0.0); (468118.8, 3778010.8,

403.0,   1659.0,   0.0);
(468118.2, 3777950.1,   402.0,   1659.0,   0.0);   (468117.0, 3777902.9,
400.6,   1659.0,   0.0);
(468117.6, 3777885.0,   400.0,   1659.0,   0.0);   (468118.0, 3777861.1,
400.0,   1659.0,   0.0);
(468117.8, 3777833.6,   399.6,   1659.0,   0.0);   (468118.0, 3777812.7,
399.2,   1659.0,   0.0);
(468118.0, 3777792.6,   398.9,   1659.0,   0.0);   (468119.2, 3777768.9,
398.1,   1659.0,   0.0);
(468121.4, 3777745.6,   398.0,   1659.0,   0.0);   (468123.8, 3777726.1,
397.7,   1659.0,   0.0);
(468126.8, 3777705.4,   397.0,   1659.0,   0.0);   (468130.2, 3777687.1,
397.0,   1659.0,   0.0);
(468133.4, 3777667.0,   396.7,   1659.0,   0.0);   (468138.1, 3777648.1,
396.1,   1659.0,   0.0);
(468143.3, 3777628.8,   396.0,   1659.0,   0.0);   (468147.9, 3777610.8,
395.8,   1659.0,   0.0);
(468154.3, 3777592.1,   395.2,   1659.0,   0.0);   (468160.6, 3777573.6,
394.6,   1659.0,   0.0);
(468166.2, 3777556.9,   394.0,   1659.0,   0.0);   (468172.8, 3777539.0,
394.0,   1659.0,   0.0);
(468181.5, 3777519.3,   393.8,   1659.0,   0.0);   (468209.1, 3777471.1,
393.0,   1659.0,   0.0);
(468286.1, 3777417.9,   391.4,   1659.0,   0.0);   (468311.5, 3777387.2,
391.0,   1659.0,   0.0);
(468282.2, 3777328.9,   390.0,   1659.0,   0.0);   (468504.8, 3777051.9,
384.1,   1659.0,   0.0);
(468532.8, 3777051.9,   384.0,   1659.0,   0.0);   (468550.4, 3777053.1,
384.0,   1659.0,   0.0);
(468475.6, 3776950.9,   382.8,   1659.0,   0.0);   (468517.3, 3776886.7,
382.0,   1659.0,   0.0);
(468543.5, 3776842.9,   381.1,   1659.0,   0.0);   (468611.5, 3776737.9,
379.0,   1659.0,   0.0);
(468613.5, 3776716.4,   378.9,   1659.0,   0.0);   (466309.9, 3777267.3,
422.7,   1639.0,   0.0);
(466345.0, 3777266.3,   420.3,   1639.0,   0.0);   (466383.5, 3777267.3,
415.8,   1639.0,   0.0);
(466426.0, 3777271.5,   414.7,   1639.0,   0.0);   (466476.6, 3777271.8,
413.2,   1639.0,   0.0);
(466523.0, 3777261.5,   411.3,   1639.0,   0.0);   (466546.6, 3777244.3,
410.7,   1639.0,   0.0);
(466569.7, 3777227.8,   409.8,   1639.0,   0.0);   (466597.9, 3777227.4,
406.2,   1639.0,   0.0);
(466675.4, 3777213.8,   404.7,   1639.0,   0.0);   (466270.4, 3777237.2,
423.4,   1639.0,   0.0);
(466222.4, 3777481.7,   425.6,   1639.0,   0.0);   (466100.3, 3777410.6,
426.7,   1639.0,   0.0);
(467912.0, 3778321.8,   409.0,   1659.0,   0.0);   (467839.2, 3778381.6,
410.5,   1659.0,   0.0);
(467810.4, 3778405.8,   411.2,   1659.0,   0.0);   (467732.1, 3778488.5,
413.1,   1659.0,   0.0);
(467690.3, 3778560.9,   414.8,   1659.0,   0.0);   (467108.1, 3778935.2,
424.1,   1659.0,   0.0);
(467267.3, 3778933.1,   423.9,   1659.0,   0.0);   (467153.2, 3778934.0,
424.0,   1659.0,   0.0);
(467089.9, 3778947.0,   424.8,   1659.0,   0.0);   (466364.4, 3778207.4,
416.6,   1642.0,   0.0);
(466308.3, 3778210.5,   416.9,   1642.0,   0.0);   (466254.5, 3778207.4,
417.4,   1642.0,   0.0);
(466165.2, 3778177.8,   418.4,   1642.0,   0.0);   (466196.9, 3778199.4,
418.2,   1642.0,   0.0);
(466371.8, 3778321.5,   418.3,   1642.0,   0.0);   (466149.4, 3777766.7,
426.1,   1639.0,   0.0);
(466129.9, 3777781.3,   427.3,   1639.0,   0.0);   (466110.8, 3777799.4,
427.7,   1642.0,   0.0);
(466091.0, 3777818.6,   427.0,   1642.0,   0.0);   (466072.5, 3777837.4,

427.9, 1642.0, 0.0);
(466053.6, 3777852.0, 428.6, 1642.0, 0.0); (466031.6, 3777868.2,
429.1, 1642.0, 0.0);
(466012.4, 3777882.5, 429.9, 1642.0, 0.0); (465993.6, 3777897.8,
431.1, 1642.0, 0.0);
(466110.4, 3777872.5, 424.5, 1642.0, 0.0); (466179.3, 3777199.2,
423.1, 1639.0, 0.0);
(466917.6, 3777208.2, 400.0, 1639.0, 0.0); (467023.8, 3777167.0,
396.9, 1639.0, 0.0);
(466796.1, 3777206.1, 402.0, 1639.0, 0.0); (466946.3, 3776262.0,
406.4, 406.4, 0.0);
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14324 Pepper
210\14324 Ops\1432 *** 01/26/24
*** AERMET - VERSION 16216 ***
*** *** 09:09:04

PAGE 53
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(467026.8, 3776215.2, 405.0, 405.0, 0.0); (466901.7, 3776272.2,
407.2, 407.2, 0.0);
(466407.3, 3776462.4, 412.7, 412.7, 0.0); (466346.6, 3776460.2,
413.2, 413.2, 0.0);
(466275.6, 3776460.2, 413.5, 413.5, 0.0); (466002.1, 3776630.7,
418.1, 418.1, 0.0);
(466007.2, 3776553.1, 417.0, 417.0, 0.0); (465424.9, 3776849.6,
427.0, 427.0, 0.0);
(465410.4, 3776795.4, 426.0, 426.0, 0.0); (465379.8, 3776717.9,
425.0, 425.0, 0.0);
(465400.1, 3776879.8, 427.4, 427.4, 0.0); (465130.9, 3777882.1,
442.9, 1639.0, 0.0);
(465100.0, 3777897.0, 443.0, 1639.0, 0.0); (465091.6, 3777918.0,
443.3, 1639.0, 0.0);
(465058.3, 3777940.9, 444.0, 1639.0, 0.0); (465030.1, 3777962.3,
444.3, 1639.0, 0.0);
(465002.2, 3777986.4, 445.1, 1639.0, 0.0); (464411.7, 3778008.7,
450.9, 450.9, 0.0);
(464414.5, 3777952.1, 450.8, 450.8, 0.0); (464413.4, 3777896.9,
449.9, 449.9, 0.0);
(469504.0, 3776211.0, 366.2, 1659.0, 0.0); (469479.2, 3776194.1,
366.0, 1659.0, 0.0);
(468902.4, 3776577.4, 374.4, 1659.0, 0.0); (468743.8, 3776517.6,
375.4, 1659.0, 0.0);
(468781.5, 3776457.4, 374.6, 1659.0, 0.0); (468009.9, 3776659.8,
383.0, 1639.0, 0.0);
(467965.5, 3776647.6, 383.3, 1639.0, 0.0); (467919.0, 3776639.7,
384.0, 1639.0, 0.0);
(466991.0, 3776774.6, 406.0, 1639.0, 0.0); (467008.1, 3776747.1,
405.3, 1639.0, 0.0);
(467009.9, 3776722.9, 407.9, 1639.0, 0.0); (467032.8, 3776695.4,
407.9, 1639.0, 0.0);
(467082.7, 3776656.3, 405.6, 1639.0, 0.0); (467227.0, 3776550.3,
393.4, 1639.0, 0.0);
(467158.7, 3776521.0, 403.3, 1639.0, 0.0); (467246.8, 3776452.3,
399.1, 1639.0, 0.0);
(467293.5, 3776412.3, 396.7, 1639.0, 0.0); (467337.1, 3776365.5,
395.3, 1639.0, 0.0);
(467395.1, 3776308.0, 394.0, 1639.0, 0.0); (466106.5, 3778055.6,
421.9, 1642.0, 0.0);
(466146.1, 3778018.3, 418.9, 1642.0, 0.0); (466218.7, 3777730.9,
423.2, 1639.0, 0.0);
(466214.2, 3777756.5, 422.1, 1642.0, 0.0); (466214.8, 3777784.8,

```
     420.7,    1642.0,       0.0);
     ( 466182.0, 3777810.1,     423.8,    1642.0,       0.0);         ( 466149.9, 3777834.2,
     424.7,    1642.0,       0.0);
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

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


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

                                      1.54,   3.09,   5.14,   8.23,  10.80,
```



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

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

   Surface file:
   FONT_v9.SFC                                                                   Met
   Version:  16216
   Profile file:
   FONT_v9.PFL
   Surface format:
   FREE

   Profile format:
   FREE

   Surface station no.:     3102                  Upper air station no.:     3190
                Name: UNKNOWN                                   Name:
                UNKNOWN
                Year:   2011                                    Year:   2011
```

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5
11	01	01	1	20	-23.6	0.239	-9.000	-9.000	-999.	287.	63.1	0.25	2.82	1.00	2.20	77.	9.1	278.8	5.5
11	01	01	1	21	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	53.	9.1	277.5	5.5
11	01	01	1	22	-23.7	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	58.	9.1	277.5	5.5
11	01	01	1	23	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	64.	9.1	277.5	5.5
11	01	01	1	24	-4.5	0.094	-9.000	-9.000	-999.	74.	16.3	0.25	2.82	1.00	0.90	52.	9.1	277.0	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	276.5	99.0	-99.00	-99.00
11	01	01	01	9.1	1	69.	1.80	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003953 , L0003954 , L0003955 , L0003956 , L0003957 ,
L0003958 , L0003959 , L0003960 , L0003961 , L0003962 ,
L0003963 , L0003964 , L0003965 ,
L0003966 , L0003967 , L0003968 , L0003969 , L0003970 ,
L0003971 , L0003972 , L0003973 ,
L0003974 , L0003975 , L0003976 , L0003977 , L0003978 ,
L0003979 , L0003980 , . . . ,

*** 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
466235.51	3777488.67	0.00180	466229.89	3777556.58	0.00201
466229.19	3777575.78	0.00206	466228.48	3777604.35	0.00213
466229.42	3777625.89	0.00222	466228.48	3777654.23	0.00231
466218.88	3777693.80	0.00220	466196.17	3777721.90	0.00178
466169.24	3777745.56	0.00141	466153.71	3777858.47	0.00110
466114.69	3777944.80	0.00077	468136.04	3778118.84	0.00027
468118.43	3777969.61	0.00030	468118.83	3778010.83	0.00029
468118.23	3777950.10	0.00030	468117.04	3777902.92	0.00030
468117.63	3777885.00	0.00030	468118.03	3777861.10	0.00030
468117.83	3777833.63	0.00030	468118.03	3777812.72	0.00030
468118.03	3777792.61	0.00030	468119.23	3777768.92	0.00030
468121.42	3777745.63	0.00029	468123.80	3777726.12	0.00029
468126.79	3777705.41	0.00029	468130.18	3777687.09	0.00029
468133.36	3777666.98	0.00029	468138.14	3777648.07	0.00028
468143.32	3777628.76	0.00028	468147.90	3777610.84	0.00028
468154.27	3777592.12	0.00027	468160.64	3777573.60	0.00027
468166.21	3777556.88	0.00026	468172.78	3777538.96	0.00026
468181.45	3777519.32	0.00025	468209.09	3777471.07	0.00024
468286.15	3777417.90	0.00021	468311.45	3777387.21	0.00020
468282.17	3777328.89	0.00020	468504.85	3777051.89	0.00014
468532.83	3777051.89	0.00014	468550.44	3777053.15	0.00014
468475.65	3776950.91	0.00014	468517.27		

3776886.69 0.00013
468543.45 3776842.87 0.00012 468611.52
3776737.86 0.00011
468613.45 3776716.37 0.00011 466309.93
3777267.31 0.00126
466344.95 3777266.34 0.00131 466383.54
3777267.31 0.00134
466426.02 3777271.53 0.00141 466476.60
3777271.85 0.00147
466522.97 3777261.48 0.00144 466546.65
3777244.29 0.00137
466569.67 3777227.75 0.00130 466597.88
3777227.43 0.00127
466675.38 3777213.81 0.00126 466270.37
3777237.16 0.00112
466222.39 3777481.67 0.00168 466100.28
3777410.56 0.00099
467911.95 3778321.82 0.00031 467839.16
3778381.65 0.00032
467810.40 3778405.77 0.00032 467732.08
3778488.51 0.00031
467690.35 3778560.93 0.00030 467108.13
3778935.22 0.00016
467267.35 3778933.09 0.00017 467153.23
3778933.99 0.00017
467089.86 3778946.96 0.00016 466364.36
3778207.36 0.00081
466308.35 3778210.53 0.00073 466254.46
3778207.36 0.00066
466165.16 3778177.77 0.00059 466196.86
3778199.44 0.00060
466371.75 3778321.49 0.00052 466149.36
3777766.67 0.00121
466129.89 3777781.27 0.00103 466110.75
3777799.45 0.00090
466090.95 3777818.59 0.00081 466072.45
3777837.41 0.00071

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003953 , L0003954 , L0003955 , L0003956 , L0003957 ,
L0003958 , L0003959 , L0003960 , L0003961 , L0003962 ,
L0003963 , L0003964 , L0003965 ,
L0003966 , L0003967 , L0003968 , L0003969 , L0003970 ,
L0003971 , L0003972 , L0003973 ,
L0003974 , L0003975 , L0003976 , L0003977 , L0003978 ,
L0003979 , L0003980 , . . . ,

*** 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
466053.63	3777852.02	0.00063	466031.57		

3777868.24 0.00057
466012.42 3777882.52 0.00051 465993.60
3777897.77 0.00046
466110.42 3777872.46 0.00085 466179.35
3777199.21 0.00090
466917.60 3777208.20 0.00148 467023.82
3777166.98 0.00129
466796.06 3777206.08 0.00132 466946.35
3776262.01 0.00022
467026.80 3776215.20 0.00020 466901.73
3776272.25 0.00023
466407.28 3776462.43 0.00030 466346.57
3776460.23 0.00030
466275.62 3776460.23 0.00030 466002.06
3776630.66 0.00034
466007.18 3776553.12 0.00031 465424.89
3776849.60 0.00022
465410.38 3776795.38 0.00021 465379.83
3776717.87 0.00020
465400.07 3776879.77 0.00022 465130.91
3777882.10 0.00010
465099.98 3777897.00 0.00010 465091.58
3777918.00 0.00009
465058.35 3777940.91 0.00009 465030.09
3777962.30 0.00008
465002.21 3777986.36 0.00008 464411.74
3778008.66 0.00005
464414.50 3777952.09 0.00005 464413.40
3777896.90 0.00005
469504.05 3776211.02 0.00006 469479.21
3776194.10 0.00006
468902.44 3776577.39 0.00009 468743.80
3776517.62 0.00009
468781.55 3776457.40 0.00009 468009.93
3776659.75 0.00018
467965.51 3776647.59 0.00018 467918.97
3776639.66 0.00019
466991.01 3776774.56 0.00047 467008.09
3776747.14 0.00044
467009.89 3776722.87 0.00043 467032.81
3776695.45 0.00041
467082.71 3776656.35 0.00037 467226.99
3776550.27 0.00028
467158.67 3776521.05 0.00029 467246.77
3776452.28 0.00025
467293.52 3776412.27 0.00023 467337.12
3776365.52 0.00021
467395.11 3776307.99 0.00019 466106.52
3778055.62 0.00061
466146.08 3778018.31 0.00083 466218.73
3777730.88 0.00229
466214.18 3777756.54 0.00218 466214.83
3777784.80 0.00215
466182.03 3777810.14 0.00144 466149.87
3777834.17 0.00110

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

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00231	AT (466228.48, 3777654.23, 425.76, 1639.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00229	AT (466218.73, 3777730.88, 423.17, 1639.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00222	AT (466229.42, 3777625.89, 426.14, 1639.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00220	AT (466218.88, 3777693.80, 425.46, 1639.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00218	AT (466214.18, 3777756.54, 422.07, 1642.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00215	AT (466214.83, 3777784.80, 420.72, 1642.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00213	AT (466228.48, 3777604.35, 426.13, 1639.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00206	AT (466229.19, 3777575.78, 425.59, 1639.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00201	AT (466229.89, 3777556.58, 425.34, 1639.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00180	AT (466235.51, 3777488.67, 425.14, 1639.00, 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 8 Warning Message(s)
A Total of 838 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 40 Calm Hours Identified

A Total of 798 Missing Hours Identified (1.82 Percent)

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

******** WARNING MESSAGES ********
SO W320 2207 PPARM: Input Parameter May Be Out-of-Range for Parameter VS

```
ME W186    2914       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    2914       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                   12113003
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:     15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

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

RISK CALCULATIONS

Construction Risk

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk							
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	0 to 2	0.00365	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.7E-06	0.71	5.0E+00	1.4E-03	7.3E-04						
													Total	0.71			7.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00142	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.1E-06	0.28	5.0E+00	1.4E-03	2.8E-04						
													Total	0.28			2.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.00067	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	5.0E-07	0.13	5.0E+00	1.4E-03	1.3E-04						
													Total	0.13			1.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00158	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-06	0.31	5.0E+00	1.4E-03	3.2E-04						
													Total	0.31			3.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00119	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	8.9E-07	0.23	5.0E+00	1.4E-03	2.4E-04						
													Total	0.23			2.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	0 to 2	0.00207	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.5E-06	0.40	5.0E+00	1.4E-03	4.1E-04						
													Total	0.40			4.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7 (MEIR)	0 to 2	0.00390	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.9E-06	0.76	5.0E+00	1.4E-03	7.8E-04						
													Total	0.76			7.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.00185	250	1.74	230	1	70	1.00	1	3.0E-04	1.1E+00	2.9E-07	0.01	5.0E+00	1.4E-03	3.7E-04						
													Total	0.01			3.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00025	180	1.74	572	1	70	1.00	3	3.0E-04	1.1E+00	7.1E-08	0.01	5.0E+00	1.4E-03	5.0E-05						
													Total	0.01			5.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk							
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 (MEIR)	-0.25 to 0	0.00231	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	8.0E-07	0.03	5.0E+00	1.4E-03	4.6E-04						
	0 to 2	0.00231	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.62	5.0E+00	1.4E-03	4.6E-04						
	2 to 16	0.00231	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.3E-06	0.57	5.0E+00	1.4E-03	4.6E-04						
	16 to 30	0.00231	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.8E-07	0.09	5.0E+00	1.4E-03	4.6E-04						
												Total	1.30			1.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00110	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-07	0.01	5.0E+00	1.4E-03	2.2E-04						
	0 to 2	0.00110	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-06	0.29	5.0E+00	1.4E-03	2.2E-04						
	2 to 16	0.00110	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	6.0E-07	0.27	5.0E+00	1.4E-03	2.2E-04						
	16 to 30	0.00110	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.8E-07	0.04	5.0E+00	1.4E-03	2.2E-04						
												Total	0.62			8.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	-0.25 to 0	0.00028	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	9.7E-08	0.00	5.0E+00	1.4E-03	5.6E-05						
	0 to 2	0.00028	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.9E-07	0.07	5.0E+00	1.4E-03	5.6E-05						
	2 to 16	0.00028	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.5E-07	0.07	5.0E+00	1.4E-03	5.6E-05						
	16 to 30	0.00028	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	7.0E-08	0.01	5.0E+00	1.4E-03	5.6E-05						
												Total	0.16			2.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	-0.25 to 0	0.00144	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	5.0E-07	0.02	5.0E+00	1.4E-03	2.9E-04						
	0 to 2	0.00144	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.5E-06	0.38	5.0E+00	1.4E-03	2.9E-04						
	2 to 16	0.00144	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	7.9E-07	0.36	5.0E+00	1.4E-03	2.9E-04						
	16 to 30	0.00144	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.6E-07	0.06	5.0E+00	1.4E-03	2.9E-04						
												Total	0.81			1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	-0.25 to 0	0.00126	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	4.4E-07	0.01	5.0E+00	1.4E-03	2.5E-04						
	0 to 2	0.00126	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.3E-06	0.34	5.0E+00	1.4E-03	2.5E-04						
	2 to 16	0.00126	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	6.9E-07	0.31	5.0E+00	1.4E-03	2.5E-04						
	16 to 30	0.00126	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.2E-07	0.05	5.0E+00	1.4E-03	2.5E-04						
												Total	0.71			1.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	-0.25 to 0	0.00180	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	6.2E-07	0.02	5.0E+00	1.4E-03	3.6E-04						
	0 to 2	0.00180	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.9E-06	0.48	5.0E+00	1.4E-03	3.6E-04						
	2 to 16	0.00180	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	9.9E-07	0.45	5.0E+00	1.4E-03	3.6E-04						
	16 to 30	0.00180	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	4.5E-07	0.07	5.0E+00	1.4E-03	3.6E-04						
												Total	1.02			1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	-0.25 to 0	0.00229	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	7.9E-07	0.03	5.0E+00	1.4E-03	4.6E-04						
	0 to 2	0.00229	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.61	5.0E+00	1.4E-03	4.6E-04						
	2 to 16	0.00229	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.3E-06	0.57	5.0E+00	1.4E-03	4.6E-04						
	16 to 30	0.00229	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.7E-07	0.09	5.0E+00	1.4E-03	4.6E-04						
												Total	1.29			1.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.00168	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	2.6E-07	0.10	5.0E+00	1.4E-03	3.4E-04						
												Total	0.10			3.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00030	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	8.5E-08	0.03	5.0E+00	1.4E-03	6.0E-05						
												Total	0.03			6.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

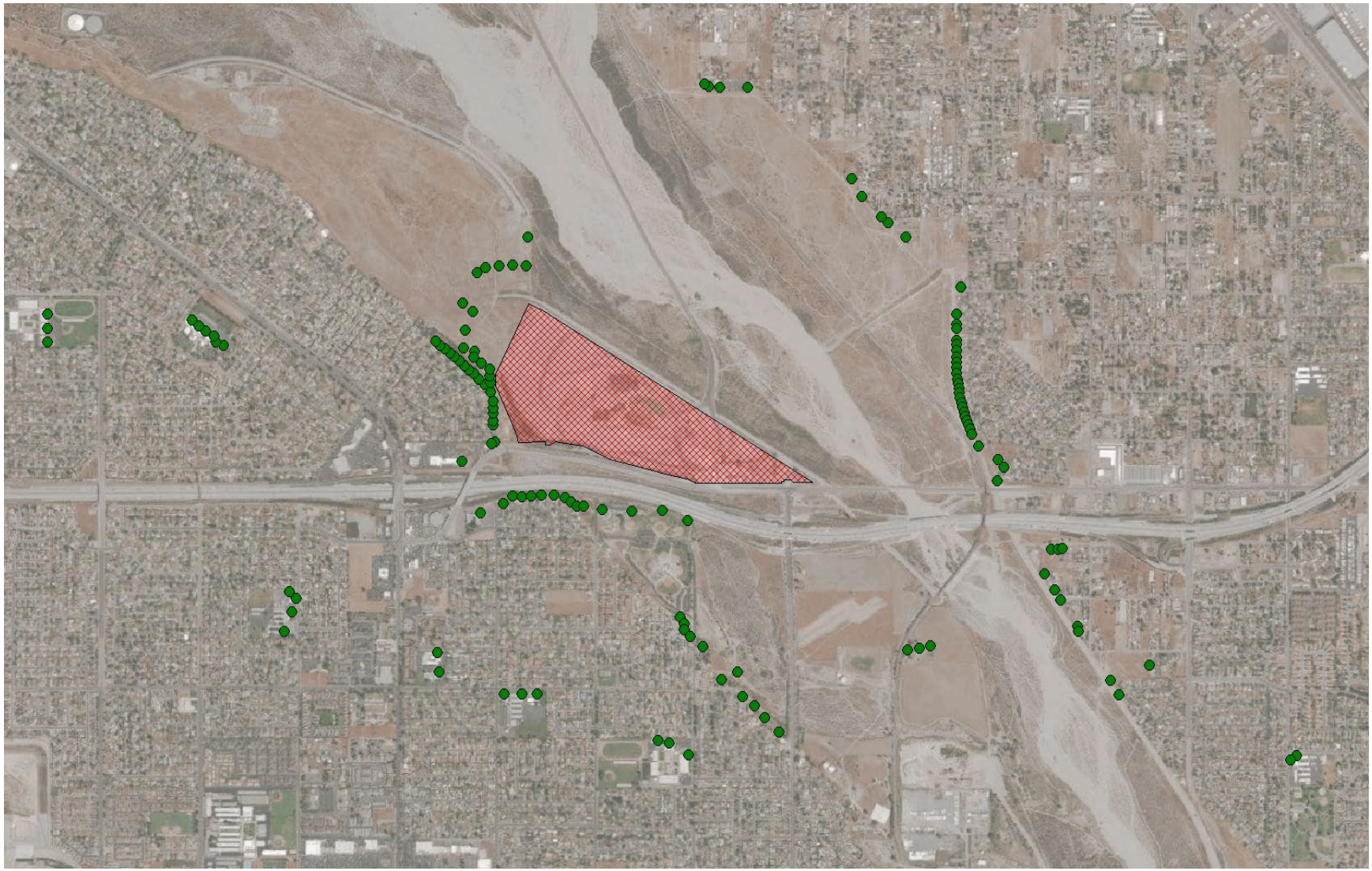
Combined Construction and Operational Risk

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk							
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	0 to 2	0.00365	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.7E-06	0.71	5.0E+00	1.4E-03	7.3E-04						
	0 to 2	0.00231	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.08	5.0E+00	1.4E-03	4.6E-04						
	2 to 16	0.00231	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.3E-06	0.57	5.0E+00	1.4E-03	4.6E-04						
	16 to 30	0.00231	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.8E-07	0.09	5.0E+00	1.4E-03	4.6E-04						
												Total	1.45			2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00142	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.1E-06	0.28	5.0E+00	1.4E-03	2.8E-04						
	0 to 2	0.00110	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-06	0.04	5.0E+00	1.4E-03	2.2E-04						
	2 to 16	0.00110	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	6.0E-07	0.27	5.0E+00	1.4E-03	2.2E-04						
	16 to 30	0.00110	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.8E-07	0.04	5.0E+00	1.4E-03	2.2E-04						
												Total	0.63			9.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.00067	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	5.0E-07	0.13	5.0E+00	1.4E-03	1.3E-04						
	0 to 2	0.00028	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.9E-07	0.01	5.0E+00	1.4E-03	5.6E-05						
	2 to 16	0.00028	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.5E-07	0.07	5.0E+00	1.4E-03	5.6E-05						
	16 to 30	0.00028	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	7.0E-08	0.01	5.0E+00	1.4E-03	5.6E-05						
												Total	0.22			3.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00158	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-06	0.31	5.0E+00	1.4E-03	3.2E-04						
	0 to 2	0.00144	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.5E-06	0.05	5.0E+00	1.4E-03	2.9E-04						
	2 to 16	0.00144	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	7.9E-07	0.36	5.0E+00	1.4E-03	2.9E-04						
	16 to 30	0.00144	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.6E-07	0.06	5.0E+00	1.4E-03	2.9E-04						
												Total	0.77			1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00119	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	8.9E-07	0.23	5.0E+00	1.4E-03	2.4E-04						
	0 to 2	0.00126	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.3E-06	0.04	5.0E+00	1.4E-03	2.5E-04						
	2 to 16	0.00126	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	6.9E-07	0.31	5.0E+00	1.4E-03	2.5E-04						
	16 to 30	0.00126	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.2E-07	0.05	5.0E+00	1.4E-03	2.5E-04						
												Total	0.64			9.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	0 to 2	0.00207	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.5E-06	0.40	5.0E+00	1.4E-03	4.1E-04						
	0 to 2	0.00180	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.9E-06	0.06	5.0E+00	1.4E-03	3.6E-04						
	2 to 16	0.00180	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	9.9E-07	0.45	5.0E+00	1.4E-03	3.6E-04						
	16 to 30	0.00180	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	4.5E-07	0.07	5.0E+00	1.4E-03	3.6E-04						
												Total	0.98			1.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7 (MEIR)	0 to 2	0.00390	250	1.74	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.9E-06	0.76	5.0E+00	1.4E-03	7.8E-04						
	0 to 2	0.00229	350	0.26	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.08	5.0E+00	1.4E-03	4.6E-04						
	2 to 16	0.00229	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.3E-06	0.57	5.0E+00	1.4E-03	4.6E-04						
	16 to 30	0.00229	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.7E-07	0.09	5.0E+00	1.4E-03	4.6E-04						
												Total	1.50			2.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.00185	250	1.74	230	1	70	1.00	1	3.0E-04	1.1E+00	2.9E-07	0.01	5.0E+00	1.4E-03	3.7E-04						
	16 to 41	0.00168	250	23.26	230	1	70	1.00	1	3.0E-04	1.1E+00	2.6E-07	0.09	5.0E+00	1.4E-03	3.4E-04						
												Total	0.10			7.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00025	180	1.74	572	1	70	1.00	3	3.0E-04	1.1E+00	7.1E-08	0.01	5.0E+00	1.4E-03	5.0E-05						
	4 to 13	0.00030	180	7.26	572	1	70	1.00	3	3.0E-04	1.1E+00	8.5E-08	0.03	5.0E+00	1.4E-03	6.0E-05						
												Total	0.03			1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

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APPENDIX 2.5:

MODELED RECEPTORS



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